

BDI-21 PROCESSOR 16 KB MEMORY N/BDS

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|--|---------------------------------|--------------------|---|--|------------------------------|--|----------|---|---------------------------------|--------------------|--|--|------------|-------|---------|----------|----------|------|------------|--|----------|--|
| 1 | EDA 62559 | 3-23-79 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Burroughs Corporation</td> <td style="text-align: right;">DWS. NO.</td> </tr> <tr> <td style="font-size: small;">SYSTEMS M & E GROUP PLYMOUTH, MICHIGAN 48170</td> <td style="font-size: small;">PLYMOUTH PLANT U. S. AMERICA</td> <td style="text-align: right; font-size: large;">2797 7305PL</td> </tr> <tr> <td colspan="2" style="font-size: x-small;">PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR REPRODUCTION PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT</td> <td style="font-size: small;">REV LETTER</td> </tr> <tr> <td style="font-size: x-small;">DRAWN</td> <td style="font-size: x-small;">CHECKED</td> <td style="font-size: x-small;">RELEASED</td> </tr> <tr> <td style="font-size: x-small;">APPROVED</td> <td style="font-size: x-small;">DATE</td> <td style="font-size: x-small;">REV LETTER</td> </tr> <tr> <td></td> <td style="text-align: center;">12-30-77</td> <td></td> </tr> </table> | | Burroughs Corporation | | DWS. NO. | SYSTEMS M & E GROUP PLYMOUTH, MICHIGAN 48170 | PLYMOUTH PLANT U. S. AMERICA | 2797 7305PL | PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR REPRODUCTION PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | REV LETTER | DRAWN | CHECKED | RELEASED | APPROVED | DATE | REV LETTER | | 12-30-77 | |
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| SYSTEMS M & E GROUP PLYMOUTH, MICHIGAN 48170 | PLYMOUTH PLANT U. S. AMERICA | 2797 7305PL | | | | | | | | | | | | | | | | | | | | |
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| 2 | EDA 62559 | 3-23-79 | | | | | | | | | | | | | | | | | | | | |
| 3 | EDA 62559 | 3-23-79 | | | | | | | | | | | | | | | | | | | | |
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| 2574 7239 | 2 | 04-15-77 | HARNESS, A.C. DISTRIBUTION |
| 2574 7247 | 3 | 05-31-77 EI | HARNESS, D.C. DISTRIBUTION |
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| Burroughs Corporation SYSTEMS M & E GROUP PLYMOUTH PLANT PLYMOUTH, MICHIGAN 48170 U. S. AMERICA | | TITLE SYSTEM | | DWG. NO. 2797 7305 PL | |
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BD1-21 N/BDS (60 CPS) BACKPLANE CONFIGURATION MAP

| | DESCRIPTION | ASSY NO. | CH. NO. | ER DATE | CON. NO. | |
|------|---------------------------|-----------|---------|--|----------|--------------|
| I4 | KEYBOARD | 2574 1786 | 0 | EI 4-5-76 12-12-75 | BJ80 | KEY BOARD |
| I7 | SS CONT. A PD6 | 2797 0292 | 3 | EI 2-25-78 9-26-77 | B | |
| J0 | SS CONT. B PD6 | 2797 5465 | | EI 04-03-78 9-26-77 | BJ81 | J81 |
| J3 | PCF 60 CONT 64CH ASCII | 2571 5236 | 1 | EI 3-2-76 3-12-75 | BJ82 | |
| J6 | | | | | SJ83 | J82 |
| J9 | | | | | S | |
| K2 | | | | | B | J83 |
| **K5 | SDCX | 2797 0623 | 6 | 11-18-77 | B | |
| **K8 | SDCY | 2797 0664 | | 08-31-77 | S | J84 |
| **L1 | CWM | 2574 1075 | | 5-28-76 | BJ84 | |
| L4 | | | | | B | J85 |
| **L7 | WLP CONT | 2571 4247 | 4 | 10-28-77 | BJ86 | |
| M0 | | | | | B | POWER |
| **M3 | CWM | 2574 1075 | | 5-28-76 | SJ87 | |
| **M6 | ADC (57.6KHz) | 2797 2504 | 5 | 12-23-77 | B | J86 |
| M9 | DISK 2 (2011) | 2797 3825 | | EI 11-28-77 10-28-77 | BJ88 | |
| N2 | DISK 1 (2011) | 2797 6158 | 2 | EI 12-19-77 10-28-77 | B | J87 |
| **N5 | MEM. EXT. * | 2797 0995 | 0 | 1-1-77 | | |
| N8 | NBDS PROCESSOR | 2797 5044 | | RW 9-26-78 3-17-78 | | J88 |
| P1 | MEM. INT (NBDS) | 2797 5127 | | EI 4-7-78 12-2-77 | | |
| P4 | R/W3 16KB 2625 1371 | | | | | J88 |
| **P7 | R/W4 16KB 2625 1371 | | | ROM (SL5/9) DISK O/V 2797 5366 12-31-77 | | |
| **Q0 | R/W5 16KB 2625 1371 | | | R/W0 12KB 2625 4995 | | |
| **Q3 | R/W6 16KB 2625 1371 | | | R/W1 16KB 2625 1371 | | |
| **Q6 | R/W7 16KB 2625 1371 | | | R/W2 16KB 2625 1371 | | |
| | | | | | | |
| | | | | | | |

| CH. NO. | ADDRESS LINE PIN | REQUEST LINE PIN |
|---------|------------------|------------------|
| 0 | (FN9F) | (FN8F) |
| 1 | FN9E | FN8E |
| 2 | FN9D | FN8D |
| 3 | FN9C | FN8C |
| 4 | FN9B | FN8B |
| 5 | DN9Y | DN8Y |
| 6 | DN9X | DN8X |
| 7 | DN9W | DN8W |


NOTES:

- MAP SHOWS LATEST EI DATES. ALL PREVIOUS REQUIRED ENGINEERING INSTRUCTIONS HAVE BEEN INCORPORATED.
- MFG. REF. 2797 6430
- * - DENOTES PWB REQUIRED FOR MORE THAN 60 KB R/W MEMORY.
- ** - DENOTES FACTORY INSTALLABLE OPTIONS WHICH MAY NOT BE PRESENT.
-  = FRONTPLANE CONNECTOR
 = SMALL FRONTPLANE CONNECTOR

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| Burroughs Corporation <small>SYSTEMS M & E GROUP PLYMOUTH PLANT PLYMOUTH, MICHIGAN 48170</small> | | <small>TITLE</small> SYSTEM | | <small>DWG. NO.</small> 2797 7305PL | |
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BD1-21 N/BDS (180 CPS) BACKPLANE CONFIGURATION MAP

| | DESCRIPTION | ASSY NO. | CH. NO. | ER DATE | CON. NO. | |
|-------|--|-----------|---------|--------------------------|----------------------|--------------|
| I4 | KEYBOARD | 2574 1786 | 0 | EI 4-5-76 12-12-75 | BJ80 | KEY BOARD |
| I7 | SS CONT A PD6 | 2797 0292 | 3 | EI 2-25-78 9-26-77 | B | |
| J0 | SS CONT B PD6 | 2797 5465 | | EI 04-03-78 9-26-77 | BJ81 | J80 |
| J3 | 180 CPS PCF2 | 2571 4759 | | 12-9-77 | BJ82 | |
| J6 | 180 CPS PCF1 64 CHAR ASCII & LATIN VAR. | 2797 6927 | | 12-9-77 | SJ83 | J81 |
| J9 | SOFT CONT. B 180 CPS | 2799 6651 | | 6-30-78 | S | |
| K2 | SOFT CONT. A | 2574 5381 | 1 | 6-6-77 | B | J82 |
| ** K5 | SDCX | 2797 0623 | 6 | 11-18-77 | B | |
| ** K8 | SDCY | 2797 0664 | | 8-31-77 | S | J83 |
| **L1 | CWM | 2574 1075 | | 5-28-76 | BJ84 | |
| L4 | | | | | B | J84 |
| **L7 | WLP CONT. | 2571 4247 | 4 | 10-28-77 | BJ86 | |
| M0 | | | | | B | POWER |
| ** M3 | CWM | 2574 1075 | | 5-28-76 | SJ87 | |
| ** M6 | ADC(57.6KHz) | 2797 2504 | 5 | 12-23-77 | B | J85 |
| M9 | DISK 2(20II) | 2797 3825 | | EI 11-28-77 10-28-77 | BJ88 | |
| M2 | DISK 1(20II) | 2797 6158 | 2 | EI 12-19-77 10-28-77 | B | J86 |
| ** M5 | MEM. EXT. * | 2797 0995 | 0 | 1-1-77 | | |
| M8 | NBDS PROCESSOR | 2797 5044 | | RW 9-26-78 3-17-78 | | J87 |
| P1 | MEM. INT (NBDS) | 2797 5127 | | EI 4-7-78 12-2-77 | | |
| P4 | R/W3 16KB 2625 1371 | | | | | J88 |
| **P7 | R/W4 16KB 2625 1371 | | | ROM (SL5/9) 2797 5366 | DISK 0/V 12-31-77 | |
| **Q0 | R/W5 16KB 2625 1371 | | | R/W0 12KB 2625 4995 | | J89 |
| **Q3 | R/W6 16KB 2625 1371 | | | R/W1 16KB 2625 1371 | | |
| **Q6 | R/W7 16KB 2625 1371 | | | R/W2 16KB 2625 1371 | | |


| CH. NO. | ADDRESS LINE PIN | REQUEST LINE PIN |
|---------|------------------|------------------|
| 0 | (FN9F) | (FN8F) |
| 1 | FN9E | FN8E |
| 2 | FN9D | FN8D |
| 3 | FN9C | FN8C |
| 4 | FN9B | FN8B |
| 5 | DN9Y | DN8Y |
| 6 | DN9X | DN8X |
| 7 | DN9W | DN8W |

NOTES:

- MAP SHOWS LATEST EI DATES. ALL PREVIOUS REQUIRED ENGINEERING INSTRUCTIONS HAVE BEEN INCORPORATED.
- MFG. REF. 2797 6430
- * - DENOTES PWB REQUIRED FOR MORE THAN 60 KB R/W MEMORY.
- ** - DENOTES FACTORY INSTALLABLE OPTIONS WHICH MAY NOT BE PRESENT.
-  - FRONTPLANE CONNECTOR
 - SMALL FRONTPLANE CONNECTOR

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| Burroughs Corporation SYSTEMS M & E GROUP PLYMOUTH, MICHIGAN 48170 | | PLYMOUTH PLANT U. S. AMERICA | | TITLE SYSTEM | | DWG. NO. 2797 7305PL | |
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|----------|-----------|-----------|----------|----------|-----------|----------|----------|----------|
| ADDR-0.. | A8/..... | FK9M | DIS..... | DVY5-2.. | FQ0X | GRDCJ9.. | GRDEI4.. | GRDEMO.. |
| FI5M | DP2R | FL2M | * DQ0E | * FJ6V | FQ3X | * CJ9G | DI4Z | DM0Z |
| FN6N | * DP7K | FL5M | DQ3E | FJ9V | FQ6X | DJ9A | * EI4B | * EM0B |
| * FN9F | | FL8M | DQ6E | | | | | |
| ASELP... | A9/..... | FM1M | FP2S | DVY6-1.. | D06..... | GRDCK2.. | GRDEI7.. | GRDEM1.. |
| * DP1S | DP1S | FM4M | FP4E | * FK8W | * DP1F | * CK2G | DI7Z | DM1Z |
| * DP16 | * DP8L | FM7M | FP7E | FM3W | DP7V | DK2A | * EI7B | * EM1B |
| FN6C | | FN0M | FQ0E | | DQ0V | | | |
| | BDR/..... | FN3M | FQ3E | DVY6-2.. | DQ3V | GRDCK5.. | GRDEJO.. | GRDEM3.. |
| A0/..... | * DP7N | FN6M | FQ6E | * FJ6W | DQ6V | * CK5G | DJ0Z | DM3Z |
| DP7P | FP1I | FN9M | | FJ9W | FP4V | DK5A | * EJ0B | * EM3B |
| DQ1P | | | DI6..... | | FP7V | | | |
| DQ4P | BD0/..... | DIR/..... | * DQ1E | DVY7-1.. | FQ0V | GRDCK8.. | GRDEJ1.. | GRDEM6.. |
| DQ7P | DQ0I | * FI5L | DQ4E | * FK8X | FQ3V | * CK8G | DJ1Z | DM6Z |
| FP2G | DQ1I | FI8L | DQ7E | FM3X | FQ6V | DK8A | * EJ1B | * EM6B |
| FP5P | * FP2I | FJ1L | FP1T | | | | | |
| FP8P | | FJ4L | FP5E | DVY7-2.. | | | | |
| FQ1P | BD1/..... | FJ7L | FP8E | * FJ6X | D07..... | GRDCL1.. | GRDEJ3.. | GRDEM9.. |
| FQ4P | * DP2V | FK0L | FQ1E | FJ9X | * DP2E | * CL1G | DJ3Z | DM9Z |
| * FQ7P | DQ3I | FK3L | FQ4E | | DP7U | DL1A | * EJ3B | * EM9B |
| | DQ4I | FK6L | FQ7E | | DQ1V | | | |
| A1/..... | BD2/..... | FK9L | | D00..... | DQ4V | GRDCL4.. | GRDEJ4.. | GRDEN0.. |
| DP8R | * DP1W | FL2L | DI7..... | * DP2J | DQ7V | * CL4G | DJ4Z | DN0Z |
| DQ1R | DP1W | FL5L | * DQ0F | DP8S | FP5V | DL4A | * EJ4B | * EN0B |
| DQ4R | DQ6I | FL8L | DQ3F | DQ0W | FP8V | | | |
| DQ7R | DQ7I | FM1L | DQ6F | DQ3W | FQ1V | GRDCL7.. | GRDEJ6.. | GRDEN2.. |
| FP2H | | FM4L | FP2T | DQ6W | FQ4V | * CL7G | DJ6Z | DN2Z |
| FP5R | BD3/..... | FM7L | FP4F | FP4W | FQ7V | DL7A | * EJ6B | * EN2B |
| FP8R | * DP2W | FN0L | FP7F | FP7W | | | | |
| FQ1R | FP4I | FN3L | FQ0F | FQ0W | D08..... | GRDCM0.. | GRDEJ7.. | GRDEN5.. |
| FQ4R | FP5I | FN6L | FQ3F | FQ3W | DP8T | * CM0G | DJ7Z | DN5Z |
| * FQ7R | | FN9L | FQ6F | FQ6W | DQ0T | DM0A | * EJ7B | * EN5B |
| | BD4/..... | | | | DQ3T | | | |
| A2/..... | * DP1U | DI0..... | DI8..... | D01..... | DQ6T | GRDCM3.. | GRDEJ9.. | GRDEN8.. |
| * DP7M | FP7I | * DQ0D | * DQ1G | * DP2I | FP2J | * CM3G | DJ9Z | DN8Z |
| DQ0P | FP8I | DQ3D | DQ4G | DP7W | FP4T | DM3A | * EJ9B | * EN8B |
| DQ3P | | DQ6D | DQ7G | DQ0U | FP7T | | | |
| DQ6P | BD5/..... | FP1Q | FP1N | DQ3U | FQ0T | GRDCM6.. | GRDEK0.. | GRDEP1.. |
| FP1H | * DP2T | FP4D | FP5G | DQ6U | FQ3T | * CM6G | DK0Z | DP1Z |
| FP4P | FQ0I | FP7D | FP8G | FP4U | * FQ6T | DM6A | * EK0B | * EP1B |
| FP7P | FQ1I | FQ0D | FQ1G | FP7U | | | | |
| FQ0P | | FQ3D | FQ4G | FQ0U | D09..... | GRDCM7.. | GRDEK2.. | GRDEP4.. |
| FQ3P | BD6/..... | FQ6D | FQ7G | FQ3U | * DP7S | BM6A | DK2Z | * EP4B |
| FQ6P | * DP1T | | | FQ6U | FP1J | * CM7G | * EK2B | FP4A |
| | FQ3I | DI1..... | DVY0-1.. | D02..... | | | | |
| A3/..... | FQ4I | * DQ0C | * FK8Q | * DP1E | FRZ/..... | GRDCM9.. | GRDEK3.. | GRDEP7.. |
| DP8N | | DQ3C | FM3Q | DP8W | DN6L | * CM9G | DK3Z | DP7Z |
| DQ0Q | BD7/..... | DQ6C | | DQ1T | * FI4P | DM9A | * EK3B | * EP7B |
| DQ3Q | * DP2S | FP2Q | DVY0-2.. | DQ4T | FI7P | | | FP7A |
| DQ6Q | FQ6I | FP4C | * FJ6Q | DQ7T | FJ0P | GRDCN2.. | GRDEK5.. | GRDEQ0.. |
| FP2F | FQ7I | FP7C | FJ9Q | FP5T | FJ3P | * CN2G | DK5Z | DQ0Z |
| FP4Q | | FQ0C | | FP8T | FJ6P | DN2A | * EK5B | * EQ0B |
| FP7Q | BY0/..... | FQ3C | DVY1-1.. | FQ1T | FJ9P | | | FQ0A |
| FQ0Q | * DP8P | FQ6C | * FK8R | FQ4T | FK2P | GRDCN5.. | GRDEK6.. | GRDEQ3.. |
| FQ3Q | FP2D | | FM3R | FQ7T | FK5P | * CN5G | DK6Z | DQ3Z |
| * FQ6Q | | DI2..... | | | FK8P | DN5A | * EK6B | * EQ3B |
| | BY1/..... | * DQ1D | DVY1-2.. | D03..... | FL1P | | | FQ3A |
| A4/..... | * DP7J | DQ4D | * FJ6R | * DP2D | FL4P | GRDCN8.. | GRDEK8.. | * EQ3B |
| DP8Q | FP1C | DQ7D | FJ9R | DP8X | FL7P | * CN8G | DK8Z | FQ3A |
| DQ1Q | | FP1R | | DQ1W | FM0P | DN8A | * EK8B | |
| DQ4Q | BY2/..... | FP5D | DVY2-1.. | DQ4W | FM3P | | | GRDEQ6.. |
| DQ7Q | * DP8J | FP8D | * FK8S | DQ7W | FM6P | GRDCP1.. | GRDEK9.. | DQ6Z |
| FP1F | FP1D | FQ1D | FM3S | FP5W | FM9P | * CP1G | DK9Z | * EQ6B |
| FP5Q | | FQ4D | | FP8W | FN2P | DP1A | * EK9B | FQ6A |
| FP8Q | BY3/..... | FQ7D | DVY2-2.. | FQ1W | FN5P | | | |
| FQ1Q | * DP8K | | * FJ6S | FQ4W | FN8P | GRDCP4.. | GRDEL1.. | GRDGI4.. |
| FQ4Q | FP2C | DI3..... | FJ9S | FQ7W | FP1P | * CP4G | DL1Z | FI4Z |
| * FQ7Q | | * DQ1F | | | | DP7B | * EL1B | * GI4B |
| | CAS..... | DQ4F | DVY3-1.. | D04..... | GRDCI4.. | | | |
| A5/..... | DP2C | DQ7F | * FK8T | * DP1I | * CI4G | GRDCP5.. | GRDEL2.. | GRDGI7.. |
| DP8M | DQ0M | FP2R | FM3T | DP8U | DI4A | * CP5G | DL2Z | FI7Z |
| DQ0R | DQ3M | FP5F | | DQ1U | | DP8B | * EL2B | * GI7B |
| DQ3R | * DQ6M | FP8F | DVY3-2.. | DQ4U | GRDCI7.. | | | |
| DQ6R | FP4M | FQ1F | * FJ6T | DQ7U | * CI7G | GRDCP7.. | GRDEL4.. | GRDGJ0.. |
| FP2E | FP7M | FQ4F | FJ9T | FP5U | DI7A | * CP7G | DL4Z | FJ0Z |
| FP4R | FQ0M | FQ7F | | FP8U | | DP7A | * EL4B | * GJ0B |
| FP7R | FQ3M | | DVY4-1.. | FQ1U | GRDCJO.. | | | |
| FQ0R | FQ6M | DI4..... | * FK8U | FQ4U | * CJ0G | GRDCQ0.. | GRDEL5.. | GRDGJ3.. |
| FQ3R | | * DQ0G | FM3U | FQ7U | DJ0A | * CQ0G | DL5Z | FJ3Z |
| * FQ6R | CONT/... | DQ3G | DVY4-2.. | D05..... | GRDCJ3.. | DQ0A | * EL5B | * GJ3B |
| | * FI5M | DQ6G | * FJ6U | * DP2H | * CJ3G | GRDCP5.. | GRDEL7.. | GRDGJ6.. |
| A6/..... | FI8M | FP1S | FJ9U | DP8V | DJ3A | * CQ3G | DL7Z | FJ6Z |
| * DP2K | FJ1M | FP4G | | DQ0X | | DQ3A | * EL7B | * GJ6B |
| DP7Q | FJ4M | FP7G | | DQ3X | GRDCJ6.. | | | |
| | FJ7M | FQ0G | DVY5-1.. | DQ6X | * CJ6G | GRDCQ6.. | GRDEL8.. | |
| A7/..... | FK0M | FQ3G | * FK8V | FP4X | DJ6A | * CQ6G | DL8Z | |
| * DP1R | FK3M | FQ6G | FM3V | FP7X | | DQ6A | * EL8B | |
| DP7R | FK6M | | | | | | | |

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|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| GRDGJ9.. | DQ7N | I/01-86. | I/012-83 | I/015-81 | I/017-88 | I/02-86. | I/022-83 | I/025-81 |
| FJ9Z | | BM9A | BK9C | BJ8C | BP4D | BNOA | BK9E | BJ8E |
| * GJ9B | GRDRW2.. | * DL7M | * DJ7H | * DJ0F | * DM9E | * DL8M | * DJ7C | * FJ0F |
| | * EN9B | | | | | | | |
| GRDGK2.. | EQ4B | I/01-87. | I/012-84 | I/015-82 | I/018-80 | I/02-87. | I/022-84 | I/025-82 |
| FK2Z | FP2N | BN6A | BL6C | BK5C | BI9D | BN7A | BL6E | BK5E |
| * GK2B | * DM3M | * DL2H | * DJ3F | * DI5E | * DM4M | * DL2C | * FJ3F | |
| | FP5N | | | | | | | |
| GRDGK5.. | FP7N | I/01-88. | I/012-86 | I/015-83 | I/018-81 | I/02-88. | I/022-86 | I/025-83 |
| FK5Z | FP8N | BP3A | BN0C | BL2C | BJ6D | BP4A | BN0E | BL2E |
| * GK5B | * DM9M | * DL8H | * DJ6F | * DJ1E | * DN0M | * DL8C | * FJ6F | |
| | FQ1N | | | | | | | |
| GRDGK8.. | FQ3N | I/010-80 | I/012-87 | I/015-84 | I/018-82 | I/020-80 | I/022-87 | I/025-84 |
| FK8Z | FQ4N | BJ1B | BN7C | BL9C | BK3D | BJ1D | BN7E | BL9E |
| * GK8B | * DI5I | * DM4H | * DL1F | * DJ4E | * DI5D | * DM4C | * FL1F | |
| | FQ6N | | | | | | | |
| | FQ7N | | | | | | | |
| GRDGL1.. | | I/010-81 | I/012-88 | I/015-86 | I/018-83 | I/020-81 | I/022-88 | I/025-86 |
| FL1Z | GRD1.... | BJ8B | BP4C | BN3C | BL0D | BJ8D | BP4E | BN3E |
| * GL1B | DI5Z | * DJ1I | * DN0H | * DL7F | * DJ7E | * DJ1D | * DN0C | * FL7F |
| | DM4Z | | | | | | | |
| GRDGL4.. | * EI5H | I/010-82 | I/013-80 | I/015-87 | I/018-84 | I/020-82 | I/023-80 | I/025-87 |
| FL4Z | EM4B | BK5B | BI9C | BP0C | BL7D | BK5D | BI9E | BP0E |
| * GL4B | * DJ4I | * DI4G | * DM3F | * DL2E | * DJ4D | * DI4B | * FM3F | |
| | FI4H | | | | | | | |
| | FI7H | | | | | | | |
| GRDGL7.. | FJ0H | I/010-83 | I/013-81 | I/015-88 | I/018-86 | I/020-83 | I/023-81 | I/025-88 |
| FL7Z | FJ3H | BL2B | BJ6C | BP7C | BN1D | BL2D | BJ6E | BP7E |
| * GL7B | * DJ7I | * DJ0G | * DM9F | * DL8E | * DJ7D | * DJ0B | * FM9F | |
| | FJ9H | | | | | | | |
| GRDGM0.. | FK2H | I/010-84 | I/013-82 | I/016-80 | I/018-87 | I/020-84 | I/023-82 | I/026-80 |
| FM0Z | FK5H | BL9B | BK3C | BI7D | BN8D | BL9D | BK3E | BI7F |
| * GM0B | * DL2I | * DJ3G | * DI5F | * DM4E | * DL2D | * DJ3B | * FI5F | |
| | FL1H | | | | | | | |
| GRDGM3.. | FL4H | I/010-86 | I/013-83 | I/016-81 | I/018-88 | I/020-86 | I/023-83 | I/026-81 |
| FM3Z | FL7H | BN3B | BL0C | BJ4D | BP5D | BN3D | BL0E | BJ4F |
| * GM3B | * DL8I | * DJ6G | * DJ1F | * DN0E | * DL8D | * DJ6B | * FJ1F | |
| | FM0H | | | | | | | |
| GRDGM6.. | FM3H | I/010-87 | I/013-84 | I/016-82 | I/019-80 | I/020-87 | I/023-84 | I/026-82 |
| FM6Z | FM9H | BP0B | BL7C | BK1D | BJ0D | BP0D | BL7E | BK1F |
| * GM6B | * DM4I | * DL1G | * DJ4F | * DI4D | * DM4D | * DL1B | * FJ4F | |
| | FN2H | | | | | | | |
| | FN5H | | | | | | | |
| GRDGM9.. | FN8H | I/010-88 | I/013-86 | I/016-83 | I/019-81 | I/020-88 | I/023-86 | I/026-83 |
| FM9Z | | BP7B | BN1C | BK8D | BJ7D | BP7D | BN1E | BK8F |
| * GM9B | GRD2.... | * DN0I | * DL7G | * DJ7F | * DJ0D | * DN0D | * DL7B | * FJ7F |
| | DI8Z | | | | | | | |
| GRDGN2.. | DM7Z | I/011-80 | I/013-87 | I/016-84 | I/019-82 | I/021-80 | I/023-87 | I/026-84 |
| FN2Z | * EI8B | BI7C | BN8C | BL5D | BK4D | BI7E | BN8E | BL5F |
| * GN2B | EM7B | * DI4H | * DM3G | * DL2F | * DJ3D | * DI4C | * DM3B | * FL2F |
| | FI4J | | | | | | | |
| GRDGN5.. | FI7J | I/011-81 | I/013-88 | I/016-86 | I/019-83 | I/021-81 | I/023-88 | I/026-86 |
| FN5Z | FJ0J | BJ4C | BP5C | BM9D | BL1D | BJ4E | BP5E | BM9F |
| * GN5B | * DJ0H | * DM9G | * DL8F | * DJ6D | * DJ0C | * DM9B | * FL8F | |
| | FJ3J | | | | | | | |
| | FJ6J | | | | | | | |
| GRDGN8.. | FJ9J | I/011-82 | I/014-80 | I/016-87 | I/019-84 | I/021-82 | I/024-80 | I/026-87 |
| FN8Z | FK2J | BK1C | BJ0C | BN6D | BL8D | BK1E | BJ0E | BN6F |
| * GN8B | * DJ3H | * DI5G | * DM4F | * DL1D | * DJ3C | * DI5B | * FM4F | |
| | FK5J | | | | | | | |
| | FK8J | | | | | | | |
| GRDGP1.. | FL1J | I/011-83 | I/014-81 | I/016-88 | I/019-86 | I/021-83 | I/024-81 | I/026-88 |
| FP1Z | FL4J | BK8C | BJ7C | BP3D | BN2D | BK8E | BJ7E | BP3F |
| * GP1B | * DJ6H | * DJ1G | * DN0F | * DL7D | * DJ6C | * DJ1B | * FN0F | |
| | FL7J | | | | | | | |
| | FM0J | | | | | | | |
| GRDGP4.. | FM3J | I/011-84 | I/014-82 | I/017-80 | I/019-87 | I/021-84 | I/024-82 | I/027-80 |
| FP4Z | FM6J | BL5C | BK4C | BI8D | BN9D | BL5E | BK4E | BI8F |
| * GP4B | * DL1H | * DJ4G | * DI4E | * DM3D | * DL1C | * DJ4B | * FI4E | |
| | FM9J | | | | | | | |
| | FN2J | | | | | | | |
| GRDGP7.. | FN5J | I/011-86 | I/014-83 | I/017-81 | I/019-88 | I/021-86 | I/024-83 | I/027-81 |
| FP7Z | FN8J | BM9C | BL1C | BJ5D | BP6D | BM9E | BL1E | BJ5F |
| * GP7B | * DL7H | * DJ7G | * DJ0E | * DM9D | * DL7C | * DJ7B | * FJ0E | |
| | | | | | | | | |
| GRDGO0.. | I/01-80. | BI7A | I/011-87 | I/014-84 | I/017-82 | I/02-80. | I/021-87 | I/024-84 |
| FQ0Z | * DI4M | BN6C | BL8C | BK2D | BI8A | BN6E | BL8E | BK2F |
| * GQ0B | * DM3H | * DL2G | * DJ3E | * DI5M | * DM3C | * DL2B | * FJ3E | |
| | | | | | | | | |
| GRDGO3.. | I/01-81. | BJ4A | I/011-88 | I/014-86 | I/017-83 | I/02-81. | I/021-88 | I/024-86 |
| FQ3Z | * DJ0M | BP3C | BN2C | BK9D | BJ5A | BP3E | BN2E | BK9F |
| * GQ3B | * DM9H | * DL8G | * DJ6E | * DJ1M | * DM9C | * DL8B | * FJ6E | |
| | | | | | | | | |
| GRDGO6.. | I/01-82. | BK1A | I/012-80 | I/014-87 | I/017-84 | I/02-82. | I/022-80 | I/024-87 |
| FP6Z | * DJ3M | BI8C | BN9C | BL6D | BK2A | BI8E | BN9E | BL6F |
| * GQ6B | * DI5H | * DM4G | * DL1E | * DJ4M | * DI5C | * DM4B | * FL1E | |
| | | | | | | | | |
| GRDRW1.. | I/01-83. | BK8A | I/012-81 | I/014-88 | I/017-86 | I/02-83. | I/022-81 | I/024-88 |
| * CP8G | * DJ6M | BJ5C | BP6C | BN0D | BK9A | BJ5E | BP6E | BN0F |
| CQ7G | * DJ1H | * DN0G | * DL7E | * DJ7M | * DJ1C | * DN0B | * FL7E | |
| DQ0N | | | | | | | | |
| DQ1N | I/01-84. | BL5A | I/012-82 | I/015-80 | I/017-87 | I/02-84. | I/022-82 | I/025-80 |
| DQ3N | * DL1M | BK2C | BJ1C | BN7D | BL6A | BK2E | BJ1E | BL6F |
| DQ4N | | * DJ4H | * DI4F | * DM3E | * DL2M | * DJ4C | * FI4F | |
| DQ6N | | | | | | | | |

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|---|--|--|---|------------------------|
| Burroughs Corporation PLYMOUTH  PLANT PLYMOUTH, MICHIGAN 48170 U.S. AMERICA | | TITLE SYSTEM DRAWN E. R. REV. AA | BACK PLANE CIRCUIT LIST NBDS 50 CARD BACKPLANE 01-06-78 12-2-77 PAGE 02 | DRWG. NO. 2797 6000 |
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|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| I/027-87 BN7F * FM3E | I/03-84. BL7A * DL1L | I/032-82 BK2G * FJ4C | I/035-80 BJ1G * DI4Y | I/037-87 BN7H * DM3X | I/04-84. BL8A * DL2L | I/042-82 BK2I * DJ4V | I/045-80 BJ1I * DI4T | I/047-87 BN7J * DM3S |
| I/027-88 BP4F * FM9E | I/03-86. BN1A * DL7L | I/032-83 BK9G * FJ7C | I/035-81 BJ8G * DJ0Y | I/037-88 BP4H * DM9X | I/04-86. BN2A * DL8L | I/042-83 BK9I * DJ7V | I/045-81 BJ8I * DJ0T | I/047-88 BP4J * DM9S |
| I/028-80 BI9F * FI5E | I/03-87. BN8A * DM3L | I/032-84 BL6G * FL2C | I/035-82 BK5G * DJ3Y | I/038-80 BI9H * DI5X | I/04-87. BN9A * DM4L | I/042-84 BL6I * DL2V | I/045-82 BK5I * DJ3T | I/048-80 BI9J * DI5S |
| I/028-81 BJ6F * FJ1E | I/03-88. BP5A * DM9L | I/032-86 BN0G * FL8C | I/035-83 BL2G * DJ6Y | I/038-81 BJ6H * DJ1X | I/04-88. BP6A * DN0L | I/042-86 BN0I * DL8V | I/045-83 BL2I * DJ6T | I/048-81 BJ6J * DJ1S |
| I/028-82 BK3F * FJ4E | I/030-80 BJ1F * FI5D | I/032-87 BN7G * FM4C | I/035-84 BL9G * DL1Y | I/038-82 BK3H * DJ4X | I/040-80 BJ1H * DI5W | I/042-87 BN7I * DM4V | I/045-84 BL9I * DL1T | I/048-82 BK3J * DJ4S |
| I/028-83 BL0F * FJ7E | I/030-81 BJ8F * FJ1D | I/032-88 BP4G * FN0C | I/035-86 BN3G * DL7Y | I/038-83 BL0H * DJ7X | I/040-81 BJ8H * DJ1W | I/042-88 BP4I * DN0V | I/045-86 BN3I * DL7T | I/048-83 BL0J * DJ7S |
| I/028-84 BL7F * FL2E | I/030-82 BK5F * FJ4D | I/033-80 BI9G * FI4B | I/035-87 BP0G * DM3Y | I/038-84 BL7H * DL2X | I/040-82 BK5H * DJ4W | I/043-80 BI9I * DI4U | I/045-87 BP0I * DM3T | I/048-84 BL7J * DL2S |
| I/028-86 BN1F * FL8E | I/030-83 BL2F * FJ7D | I/033-81 BJ6G * FJ0B | I/035-88 BP7G * DM9Y | I/038-86 BN1H * DL8X | I/040-83 BL2H * DJ7W | I/043-81 BJ6I * DJ0U | I/045-88 BP7I * DM9T | I/048-86 BN1J * DL8S |
| I/028-87 BN8F * FM4E | I/030-84 BL9F * FL2D | I/033-82 BK3G * FJ3B | I/036-80 BI7H * DI5Y | I/038-87 BN8H * DM4X | I/040-84 BL9H * DL2W | I/043-82 BK3I * DJ3U | I/046-80 BI7J * DI5T | I/048-87 BN8J * DM4S |
| I/028-88 BP5F * FN0E | I/030-86 BN3F * FL8D | I/033-83 BL0G * FJ6B | I/036-81 BJ4H * DJ1Y | I/038-88 BP5H * DN0X | I/040-86 BN3H * DL8W | I/043-83 BL0I * DJ6U | I/046-81 BJ4J * DJ1T | I/048-88 BP5J * DN0S |
| I/029-80 BJ0F * FI4D | I/030-87 BP0F * FM4D | I/033-84 BL7G * FL1B | I/036-82 BK1H * DJ4Y | I/039-80 BJ0H * DI4W | I/040-87 BP0H * DM4W | I/043-84 BL7I * DL1U | I/046-82 BK1J * DJ4T | I/049-80 BJ0J * DI4R |
| I/029-81 BJ7F * FJ0D | I/030-88 BP7F * FN0D | I/033-86 BN1G * FL7B | I/036-83 BK8H * DJ7Y | I/039-81 BJ7H * DJ0W | I/040-88 BP7H * DN0W | I/043-86 BN1I * DL7U | I/046-83 BK8J * DJ7T | I/049-81 BJ7J * DJ0R |
| I/029-82 BK4F * FJ3D | I/031-80 BI7G * FI4C | I/033-87 BN8G * FM3B | I/036-84 BL5H * DL2Y | I/039-82 BK4H * DJ3W | I/041-80 BI7I * DI4V | I/043-87 BN8I * DM3U | I/046-84 BL5J * DL2T | I/049-82 BK4J * DJ3R |
| I/029-83 BL1F * FJ6D | I/031-81 BJ4G * FJ0C | I/033-88 BP5G * FM9B | I/036-86 BM9H * DL8Y | I/039-83 BL1H * DJ6W | I/041-81 BJ4I * DJ0V | I/043-88 BP5I * DM9U | I/046-86 BM9J * DL8T | I/049-83 BL1J * DJ6R |
| I/029-84 BL8F * FL1D | I/031-82 BK1G * FJ3C | I/034-80 BJ0G * FI5B | I/036-87 BN6H * DM4Y | I/039-84 BL8H * DL1W | I/041-82 BK1I * DJ3V | I/044-80 BJ0I * DI5U | I/046-87 BN6J * DM4T | I/049-84 BL8J * DL1R |
| I/029-86 BN2F * FL7D | I/031-83 BK8G * FJ6C | I/034-81 BJ7G * FJ1B | I/036-88 BP3H * DN0Y | I/039-86 BN2H * DL7W | I/041-83 BK8I * DJ6V | I/044-81 BJ7I * DJ1U | I/046-88 BP3J * DN0T | I/049-86 BN2J * DL7R |
| I/029-87 BN9F * FM3D | I/031-84 BL5G * FL1C | I/034-82 BK4G * FJ4B | I/037-80 BI8H * DI4X | I/039-87 BN9H * DM3W | I/041-84 BL5I * DL1V | I/044-82 BK4I * DJ4U | I/047-80 BI8J * DI4S | I/049-87 BN9J * DM3R |
| I/029-88 BP6F * FM9D | I/031-86 BM9G * FL7C | I/034-83 BL1G * FJ7B | I/037-81 BJ5H * DJ0X | I/039-88 BP6H * DM9W | I/041-86 BM9I * DL7V | I/044-83 BL1I * DJ7U | I/047-81 BJ5J * DJ0S | I/049-88 BP6J * DM9R |
| I/03-80. BI9A * DI4L | I/031-87 BN6G * FM3C | I/034-84 BL8G * FL2B | I/037-82 BK2H * DJ3X | I/04-80. BJ0A * DI5L | I/041-87 BN6I * DM3V | I/044-84 BL8I * DL2U | I/047-82 BK2J * DJ3S | I/05-80. BJ1A * DI4K |
| I/03-81. BJ6A * DJ0L | I/031-88 BP3G * FM9C | I/034-86 BN2G * FL8B | I/037-83 BK9H * DJ6X | I/04-81. BJ7A * DJ1L | I/041-88 BP3I * DM9V | I/044-86 BN2I * DL8U | I/047-83 BK9J * DJ6S | I/05-81. BJ8A * DJ0K |
| I/03-82. BK3A * DJ3L | I/032-80 BI8G * FI5C | I/034-87 BN9G * FM4B | I/037-84 BL6H * DL1X | I/04-82. BK4A * DJ4L | I/042-80 BI8I * DI5V | I/044-87 BN9I * DM4U | I/047-84 BL6J * DL1S | I/05-82. BK5A * DJ3K |
| I/03-83. BL0A * DJ6L | I/032-81 BJ5G * FJ1C | I/034-88 BP6G * FN0B | I/037-86 BN0H * DL7X | I/04-83. BL1A * DJ7L | I/042-81 BJ5I * DJ1V | I/044-88 BP6I * DN0U | I/047-86 BN0J * DL7S | |

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TITLE
SYSTEM
DRAWN
E. R.
REV. AA

BACKPLANE CIRCUIT LIST
NBDS 50 CARD BACKPLANE
01-06-78 MFG
12-2-77
PAGE 03

DRWG. NO.
2797 6000

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------|------------------------------------|--|--|--|----------------------------|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---|--|--|--|--|--|--|--|--|
| I/05-83. BL2A * DJ6K | I/07-81. BJ5B * DJ0J | I/09-88. BP6B * DM9I | FJ6G FJ9G FK2G FK5G FK8G FL1G FL4G FL7G FM0G FM3G FM6G FM9G FN2G FN5G FN8G | FM0Q FM6Q FM9Q FN2Q FN5Q FN8Q | FN2V FN8V | REQ-0... FISP * FN8F | UMCP2... * DP1H FN5C | WT4..... * FI5U FIBU FJ1U FJ4U FK3U FK6U FL2U FL5U FL8U FM1U FM7U FN0U FN3U FN6U FN9U FP2U | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I/05-84. BL9A * DL1K | I/07-82. BK2B * DJ3J | INIT.... FI4M FI7M FJ0M FJ3M FJ6M FJ9M FK2M FK5M FK8M FL1M FL4M FL7M FM0M FM3M FM6M FM9M FN2M FN5M FN8M | FJ6G FJ9G FK2G FK5G FK8G FL1G FL4G FL7G FM0G FM3G FM6G FM9G FN2G FN5G FN8G | PRD1.... * FI4R FI7R FJ0R FJ3R FJ6R FJ9R FK2R FK5R FK8R FL1R FL4R FL7R FM0R FM3R FM6R FM9R FN2R FN5R FN8R | PRD6.... * FI4W FI7W FJ0W FJ3W FJ6W FJ9W FK2W FK5W FK8W FL1W FL4W FL7W FM0W FM3W FM6W FM9W FN2W FN5W FN8W | SA6/.... * DP1K DQ1H DQ4H DQ7H FP5H FP8H FQ1H FQ4H FQ7H | WE..... DP1D DQ1M DQ4M DQ7M FP5M FP8M FQ1M FQ4M FQ7M | WT5..... * FI5V FIBV FJ1V FJ4V FK3V FK6V FL2V FL5V FL8V FM1V FM7V FN0V FN3V FN6V FN9V FP1V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I/05-85. BN3A * DL7K | I/07-83. BK9B * DJ6J | I/05-86. BN3A * DL7K | I/05-87. BPOA * DM3K | I/05-88. BP7A * DM9K | I/05-89. BJ1J * DI5R | I/05-90. BJ1J * DI5R | I/05-91. BJ8J * DJ1R | I/05-92. BK5J * DJ4R | I/05-93. BL2J * DJ7R | I/05-94. BL9J * DL2R | I/05-95. BN3J * DL8R | I/05-96. BP0J * DM4R | I/05-97. BP7J * DN0R | I/06-80. BI7B * DI5K | I/06-81. BJ4B * DJ1K | I/06-82. BK1B * DJ4K | I/06-83. BK8B * DJ7K | I/06-84. BL5B * DL2K | I/06-86. BM9B * DL8K | I/06-87. BN6B * DM4K | I/06-88. BP3B * DN0K | I/07-80. BI8B * DI4J | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I/07-81. BJ5B * DJ0J | I/07-82. BK2B * DJ3J | I/07-83. BK9B * DJ6J | I/07-84. BL6B * DL1J | I/07-86. BN0B * DL7J | I/07-87. BN7B * DM3J | I/07-88. BP4B * DM9J | I/08-80. BI9B * DI5J | I/08-81. BJ6B * DJ1J | I/08-82. BK3B * DJ4J | I/08-83. BL0B * DJ7J | I/08-84. BL7B * DL2J | I/08-86. BN1B * DL8J | I/08-87. BN8B * DM4J | I/08-88. BP5B * DN0J | I/09-80. BJ0B * DI4I | I/09-81. BJ7B * DJ0I | I/09-82. BK4B * DJ3I | I/09-83. BL1B * DJ6I | I/09-84. BL8B * DL1I | I/09-86. BN2B * DL7I | I/09-87. BN9B * DM3I | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I/09-88. BP6B * DM9I | INIT.... FI4M FI7M FJ0M FJ3M FJ6M FJ9M FK2M FK5M FK8M FL1M FL4M FL7M FM0M FM3M FM6M FM9M FN2M FN5M FN8M | IOX..... * FI4L FI7L FJ0L FJ3L FJ6L FJ9L FK2L FK5L FK8L FL1L FL4L FL7L FM0L FM3L FM6L FM9L FN2L FN5L FN8L | PHI1L/.. * FI4I FI7I FJ0I FJ3I FJ6I FJ9I FK2I FK5I FK8I FL1I FL4I FL7I FM0I FM3I FM6I FM9I FN2I FN5I FN8I | PHI2H/.. DN5M * FI5G FIBG FJ1G FJ4G FJ7G FK0G FK3G FK6G FK9G FL1G FL4G FL7G FM0G FM3G FM6G FM9G | PHI2L/.. * FI5I FIBI FJ1I FJ4I FJ7I FK0I FK3I FK6I FK9I FL1I FL4I FL7I FM0I FM3I FM6I FM9I FN2I FN5I FN8I | PRD0.... * FI4Q FI7Q FJ0Q FJ3Q FJ6Q FJ9Q FK2Q FK5Q FK8Q FL1Q FL4Q FL7Q | PRD1.... * FI4R FI7R FJ0R FJ3R FJ6R FJ9R FK2R FK5R FK8R FL1R FL4R FL7R FM0R FM3R FM6R FM9R FN2R FN5R FN8R | PRD2.... * FI4S FI7S FJ0S FJ3S FJ6S FJ9S FK2S FK5S FK8S FL1S FL4S FL7S FM0S FM3S FM6S FM9S FN2S FN5S FN8S | PRD3.... * FI4T FI7T FJ0T FJ3T FJ6T FJ9T FK2T FK5T FK8T FL1T FL4T FL7T FM0T FM3T FM6T FM9T FN2T FN5T FN8T | PRD4.... * FI4U FI7U FJ0U FJ3U FJ6U FJ9U FK2U FK5U FK8U FL1U FL4U FL7U FM0U FM3U FM6U FM9U FN2U FN5U FN8U | PRD5.... * FI4V FI7V FJ0V FJ3V FJ6V FJ9V FK2V FK5V FK8V FL1V FL4V FL7V FM0V FM3V FM6V FM9V | PRD6.... * FI4W FI7W FJ0W FJ3W FJ6W FJ9W FK2W FK5W FK8W FL1W FL4W FL7W FM0W FM3W FM6W FM9W FN2W FN5W FN8W | PRD7.... * FI4X FI7X FJ0X FJ3X FJ6X FJ9X FK2X FK5X FK8X FL1X FL4X FL7X FM0X FM3X FM6X FM9X FN2X FN5X FN8X | PWR/.... BM6C DP7H | PWRN/... * BM5A DP7G FN9J | RAMCLK.. * FI5H FIBH FJ1H FJ4H FJ7H FK0H FK3H FK6H FK9H FL2H FL5H FL8H FM1H FM4H FM7H FN0H FN3H FN9H | RAS/.... DP1C DQ1B DQ4B * DQ7B FP5B FP8B FQ1B FQ4B FQ7B | REF..... DN5K * DQ0H DQ3H DQ6H FP1B FP4H FP7H FQ0H FQ3H FQ6H | REQ-0... FISP * FN8F | SA6/.... * DP1K DQ1H DQ4H DQ7H FP5H FP8H FQ1H FQ4H FQ7H | SPADD0-1 * FK9Q FM4Q | SPADD0-2 * FJ7Q FK0Q | SPADD1-1 * FK9R FM4R | SPADD1-2 * FJ7R FK0R | SPADD2-1 * FK9S FM4S | SPADD2-2 * FJ7S FK0S | SPADD3-1 * FK9T FM4T | SPADD3-2 * FJ7T FK0T | SPCNT/-1 * FJ7X FK0X | SPCNT/-2 * FK9X FM4X | SPDIR/-1 * FJ7W FK0W | SPDIR/-2 * FK9W FM4W | SPIOX-1. * FJ7V FK0V | SPIOX-2. * FK9V FM4V | SPREQ/-1 * FJ7P FK0P | SPREQ/-2 * FK9P FM4P | UMCP0... * DP2F FN6B | UMCP1... * DP2G FN5B | UMCP2... * DP1H FN5C | WE..... DP1D DQ1M DQ4M DQ7M FP5M FP8M FQ1M FQ4M FQ7M | WT1..... * FI5R FIBR FJ1R FJ4R FK3R FK6R FL2R FL5R FL8R FM1R FM7R FN0R FN3R FN6R FN9R FP1X | WT2..... * FI5S FIBS FJ1S FJ4S FK3S FK6S FL2S FL5S FL8S FM1S FM7S FN0S FN3S FN6S FN9S FP2W | WT3..... * FI5T FIBT FJ1T FJ4T FK3T FK6T FL2T FL5T FL8T FM1T FM7T FN0T FN3T FN6T FN9T FP1W | WT4..... * FI5U FIBU FJ1U FJ4U FK3U FK6U FL2U FL5U FL8U FM1U FM7U FN0U FN3U FN6U FN9U FP2U | WT5..... * FI5V FIBV FJ1V FJ4V FK3V FK6V FL2V FL5V FL8V FM1V FM7V FN0V FN3V FN6V FN9V FP1V | WT6..... * FI5W FIBW FJ1W FJ4W FK3W FK6W FL2W FL5W FL8W FM1W FM7W FN0W FN3W FN6W FN9W FP1U | WT7..... * FI5X FIBX FJ1X FJ4X FK3X FK6X FL2X FL5X FL8X FM1X FM7X FN0X FN3X FN6X FN9X FP2U | 12V-1... * BM2A BM3A BM4A DI5Q DI8Q DJ1Q DJ4Q DJ7Q DK0Q DK3Q DK6Q DL2Q DL5Q DL8Q |

ORIGINAL

AA 2797 6000 4053

Burroughs Corporation

PLYMOUTH PLANT

PLYMOUTH, MICHIGAN 48170

U.S. AMERICA

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TITLE
SYSTEM
DRAWN
E.R.
REV. AA

BACKPLANE CIRCUIT LIST
NBDS 50 CARD BACKPLANE
01-06-78
12-2-77 MFG
PAGE 04

DRWG. NO.
2 7 9 7 6 0 0 0

| | | | |
|----------|----------|----------|----------|
| DM1Q | FL4Y | BM6J | DL2A |
| DM4Q | FL7Y | DI4P | DL4P |
| DM7Q | FM0Y | DI5A | DL5A |
| DN0Q | FM3Y | DM3P | DL7P |
| DN3Q | FM6Y | DM4A | DL8A |
| DP7E | FM9Y | DM6P | DM0P |
| DQ1Y | FN2Y | DM7A | DM1A |
| DQ4Y | FN8Y | DM9P | F18A |
| DQ7Y | | DN0A | F18Z |
| FI4A | 3V-1.... | DN2P | FJ1A |
| FI7A | * BM2C | DN3A | FJ1Z |
| FJ0A | BM3C | DN6A | FJ4A |
| FJ3A | F15Y | DN9A | FJ4Z |
| FJ6A | F18Y | DP2A | FJ7A |
| FJ9A | FJ1Y | DP8A | FJ7Z |
| FK2A | FJ4Y | DP8Z | FK0A |
| FK5A | FJ7Y | DQ1A | FK0Z |
| FK8A | FK0Y | DQ1Z | FK3A |
| FL1A | FK3Y | DQ4A | FK3Z |
| FL4A | FK6Y | DQ4Z | FK6A |
| FL7A | FK9Y | DQ7A | FK6Z |
| FM0A | FL2Y | DQ7Z | FK9A |
| FM3A | FL5Y | F15A | FK9Z |
| FM6A | FL8Y | F15Z | FL2A |
| FM9A | FM1Y | FM4A | FL2Z |
| FN2A | FM4Y | FM4Z | FL5A |
| FP1A | FM7Y | FM7A | FL5Z |
| FP5Y | FN0Y | FM7Z | FL8A |
| FP8Y | FN3Y | FN0A | FL8Z |
| FQ1Y | | FN0Z | FM1A |
| FQ4Y | 4KB0/... | FN3A | FM1Z |
| FQ7Y | DP2M | FN3Z | |
| | * DQ4J | FN6A | SVS-1... |
| 12V+1... | DQ7J | FN6Z | DP7F |
| * BM2B | FN6F | FN9A | DQ1X |
| BM3B | FP5J | FN9Z | DQ4X |
| BM4B | FP8J | FP2A | DQ7X |
| BM4C | FQ1J | FP2Z | FP5X |
| BM5B | FQ4J | FP5A | FP8X |
| BM5C | FQ7J | FP5Z | FQ1X |
| DI5P | | FP8A | FQ4X |
| DI8P | 4KB1/... | FP8Z | FQ7X |
| DJ1P | DP1M | FQ1A | |
| DJ4P | DQ1J | FQ1Z | |
| DJ7P | DQ3K | FQ4A | |
| DK0P | * DQ6K | FQ4Z | |
| DK3P | FP4K | FQ7A | |
| DK6P | FP7K | FQ7Z | |
| DK9P | FQ0K | | |
| DL2P | FQ3K | SV+2.... | |
| DL5P | FQ6K | * BM2D | |
| DL8P | | BM2E | |
| DM1P | 4KB2/... | BM2F | |
| DM4P | DP1L | BM2G | |
| DM7P | DQ0K | BM2H | |
| DN0P | DQ4K | BM2I | |
| DN3P | * DQ7K | BM2J | |
| DN9P | FP5K | BM3D | |
| DP7C | FP8K | BM3E | |
| DP8C | FQ1K | BM3F | |
| DQ0B | FQ4K | BM3G | |
| DQ0Y | FQ7K | BM3H | |
| DQ3B | | BM3I | |
| DQ3Y | 4KB3/... | BM3J | |
| DQ6B | DP2L | BM4D | |
| DQ6Y | DQ1K | BM4E | |
| FP4B | * DQ3J | BM4F | |
| FP4Y | DQ6J | BM4G | |
| FP7B | FP4J | BM4H | |
| FP7Y | FP7J | BM4I | |
| FQ0B | FQ0J | BM4J | |
| FQ0Y | FQ3J | DI7P | |
| FQ3B | FQ6J | DI8A | |
| FQ3Y | | DJ0P | |
| FQ6B | SV+1.... | DJ1A | |
| FQ6Y | * BM5D | DJ3P | |
| | BM5E | DJ4A | |
| 16KHZ/.. | BM5F | DJ6P | |
| * FI4Y | BM5G | DJ7A | |
| FI7Y | BM5H | DJ9P | |
| FJ0Y | BM5I | DK0A | |
| FJ3Y | BM5J | DK2P | |
| FJ6Y | BM6D | DK3A | |
| FJ9Y | BM6E | DK5P | |
| FK2Y | BM6F | DK6A | |
| FK5Y | BM6G | DK8P | |
| FK8Y | BM6H | DK9A | |
| FL1Y | BM6I | DL1P | |

ORIGINAL
AH 2797 6000 6005

| | | | | |
|--|--|---------------------------------------|--|------------------------|
| Burroughs Corporation PLYMOUTH PLANT PLYMOUTH, MICHIGAN 48170 U.S. AMERICA | | TITLE SYSTEM DRAWN E.R. REV. AA | BACK PLANE CIRCUIT LIST NBDS 50 CARD BACKPLANE 01-06-78 MFG 12-2-77 PAGE 05 (LAST) | DRWG. NO. 2797 6000 |
| <small>PROPERTY OF BURROUGHS CORP.-NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT</small> | | | | |

UNIVERSAL CONTROLLER I/F. (B. D.S.)

| | BACKPLANE TOP | | BACKPLANE BOTTOM | |
|---|---------------|-------------|------------------|-------------------|
| | SIDE 1 | SIDE 2 | SIDE 1 | SIDE 2 |
| A | 0V | +5V | -12V | +5V |
| B | I/O - 23 | I/O - 24 | I/O - 33 | I/O - 34 |
| C | I/O - 21 | I/O - 22 | I/O - 31 | I/O - 32 |
| D | I/O - 19 | I/O - 20 | I/O - 29 | I/O - 30 |
| E | I/O - 17 | I/O - 18 | I/O - 27 | I/O - 28 |
| F | I/O - 15 | I/O - 16 | I/O - 25 | I/O - 26 |
| G | I/O - 13 | I/O - 14 | PHI 1H/ | PHI 2H/ |
| H | I/O - 11 | I/O - 12 | C1 GND | RAM CLK/ |
| I | I/O - 9 | I/O - 10 | PHI 1L/ | PHI 2L/ |
| J | I/O - 7 | I/O - 8 | C2 GND | SPARE |
| K | I/O - 5 | I/O - 6 | CLOCK (SPARE) | CLOCK (SPARE) |
| L | I/O - 3 | I/O - 4 | IOX | \overline{DIR} |
| M | I/O - 1 | I/O - 2 | INIT | \overline{CONT} |
| N | SPARE POWER | SPARE POWER | JOX | ADDR |
| P | +5V | +12V | \overline{FRZ} | \overline{RQST} |
| Q | +24V | -12V | DOUT 0 | DIN 0 |
| R | I/O - 49 | I/O - 50 | DOUT 1 | DIN 1 |
| S | I/O - 47 | I/O - 48 | DOUT 2 | DIN 2 |
| T | I/O - 45 | I/O - 46 | DOUT 3 | DIN 3 |
| U | I/O - 43 | I/O - 44 | DOUT 4 | DIN 4 |
| V | I/O - 41 | I/O - 42 | DOUT 5 | DIN 5 |
| W | I/O - 39 | I/O - 40 | DOUT 6 | DIN 6 |
| X | I/O - 37 | I/O - 38 | DOUT 7 | DIN 7 |
| | I/O - 35 | I/O - 36 | 16 KHz | -3V |
| | 0V | ADDR | 0V | +5V |

PIN LAYOUT PERIPHERAL CONTROLLERS WITH B.D.S. INTERFACE

| | | | | | | | |
|-----------|----------|------|------|------------------------|---|--------|----|
| 2797 1522 | ECL 0008 | Burr | Burr | CONTROLLER PIN LAYOUTS | | | |
| | | | | 2797 1522 | A | 1 of 2 | DS |

| | | | |
|----------|----------|----------|----------|
| DM1Q | FL4Y | BM6J | DL2A |
| DM4Q | FL7Y | DI4P | DL4P |
| DM7Q | FM0Y | DI5A | DL5A |
| DN0Q | FM3Y | DM3P | DL7P |
| DN3Q | FM6Y | DM4A | DL8A |
| DP7E | FM9Y | DM6P | DM0P |
| DQ1Y | FN2Y | DM7A | DM1A |
| DQ4Y | FN8Y | DM9P | F18A |
| DQ7Y | | DN0A | F18Z |
| FI4A | 3V-1.... | DN2P | FJ1A |
| FI7A | * BM2C | DN3A | FJ1Z |
| FJ0A | BM3C | DN6A | FJ4A |
| FJ3A | F15Y | DN9A | FJ4Z |
| FJ6A | F18Y | DP2A | FJ7A |
| FJ9A | FJ1Y | DP8A | FJ7Z |
| FK2A | FJ4Y | DP8Z | FK0A |
| FK5A | FJ7Y | DQ1A | FK0Z |
| FK8A | FK0Y | DQ1Z | FK3A |
| FL1A | FK3Y | DQ4A | FK3Z |
| FL4A | FK6Y | DQ4Z | FK6A |
| FL7A | FK9Y | DQ7A | FK6Z |
| FM0A | FL2Y | DQ7Z | FK9A |
| FM3A | FL5Y | F15A | FK9Z |
| FM6A | FL8Y | F15Z | FL2A |
| FM9A | FM1Y | FM4A | FL2Z |
| FN2A | FM4Y | FM4Z | FL5A |
| FP1A | FM7Y | FM7A | FL5Z |
| FP5Y | FN0Y | FM7Z | FL8A |
| FP8Y | FN3Y | FN0A | FL8Z |
| FQ1Y | | FN0Z | FM1A |
| FQ4Y | 4KB0/... | FN3A | FM1Z |
| FQ7Y | DP2M | FN3Z | |
| | * DQ4J | FN6A | SVS-1... |
| 12V+1... | DQ7J | FN6Z | DP7F |
| * BM2B | FN6F | FN9A | DQ1X |
| BM3B | FP5J | FN9Z | DQ4X |
| BM4B | FP8J | FP2A | DQ7X |
| BM4C | FQ1J | FP2Z | FP5X |
| BM5B | FQ4J | FP5A | FP8X |
| BM5C | FQ7J | FP5Z | FQ1X |
| DI5P | | FP8A | FQ4X |
| DI8P | 4KB1/... | FP8Z | FQ7X |
| DJ1P | DP1M | FQ1A | |
| DJ4P | DQ1J | FQ1Z | |
| DJ7P | DQ3K | FQ4A | |
| DK0P | * DQ6K | FQ4Z | |
| DK3P | FP4K | FQ7A | |
| DK6P | FP7K | FQ7Z | |
| DK9P | FQ0K | | |
| DL2P | FQ3K | 5V+2.... | |
| DL5P | FQ6K | * BM2D | |
| DL8P | | BM2E | |
| DM1P | 4KB2/... | BM2F | |
| DM4P | DP1L | BM2G | |
| DM7P | DQ0K | BM2H | |
| DN0P | DQ4K | BM2I | |
| DN3P | * DQ7K | BM2J | |
| DN9P | FP5K | BM3D | |
| DP7C | FP8K | BM3E | |
| DP8C | FQ1K | BM3F | |
| DQ0B | FQ4K | BM3G | |
| DQ0Y | FQ7K | BM3H | |
| DQ3B | | BM3I | |
| DQ3Y | 4KB3/... | BM3J | |
| DQ6B | DP2L | BM4D | |
| DQ6Y | DQ1K | BM4E | |
| FP4B | * DQ3J | BM4F | |
| FP4Y | DQ6J | BM4G | |
| FP7B | FP4J | BM4H | |
| FP7Y | FP7J | BM4I | |
| FQ0B | FQ0J | BM4J | |
| FQ0Y | FQ3J | DI7P | |
| FQ3B | FQ6J | DI8A | |
| FQ3Y | | DJ0P | |
| FQ6B | 5V+1.... | DJ1A | |
| FQ6Y | * BM5D | DJ3P | |
| | BM5E | DJ4A | |
| 16KHZ/.. | BM5F | DJ6P | |
| * FI4Y | BM5G | DJ7A | |
| FI7Y | BM5H | DJ9P | |
| FJ0Y | BM5I | DK0A | |
| FJ3Y | BM5J | DK2P | |
| FJ6Y | BM6D | DK3A | |
| FJ9Y | BM6E | DK5P | |
| FK2Y | BM6F | DK6A | |
| FK5Y | BM6G | DK8P | |
| FK8Y | BM6H | DK9A | |
| FL1Y | BM6I | DL1P | |

ORIGINAL
AA 2797 6000 6005

Burroughs Corporation

PLYMOUTH PLANT

PLYMOUTH, MICHIGAN 48170 U.S. AMERICA

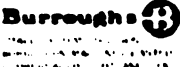
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| | |
|---------|------------------------|
| TITLE | BACKPLANE CIRCUIT LIST |
| SYSTEM | NBDS 50 CARD BACKPLANE |
| DRAWN | 01-06-78 MFL |
| E.R. | 12-2-77 |
| REV. AA | PAGE 05 (LAST) |
| | DRWG. NO. 2797 6000 |

UNIVERSAL CONTROLLER I/F. (B. D. S.)

| | BACKPLANE TOP | | BACKPLANE BOTTOM | |
|---|---------------|-------------------|------------------|-------------------|
| | SIDE 1 | SIDE 2 | SIDE 1 | SIDE 2 |
| A | 0V | +5V | -12V | +5V |
| B | I/O - 23 | I/O - 24 | I/O - 33 | I/O - 34 |
| C | I/O - 21 | I/O - 22 | I/O - 31 | I/O - 32 |
| D | I/O - 19 | I/O - 20 | I/O - 29 | I/O - 30 |
| E | I/O - 17 | I/O - 18 | I/O - 27 | I/O - 28 |
| F | I/O - 15 | I/O - 16 | I/O - 25 | I/O - 26 |
| G | I/O - 13 | I/O - 14 | PHI 1H/ | PHI 2H/ |
| H | I/O - 11 | I/O - 12 | C1 GND | RAM CLK/ |
| I | I/O - 9 | I/O - 10 | PHI 1L/ | PHI 2L/ |
| J | I/O - 7 | I/O - 8 | C2 GND | SPARE |
| K | I/O - 5 | I/O - 6 | CLOCK (SPARE) | CLOCK (SPARE) |
| L | I/O - 3 | I/O - 4 | IOX | \overline{DIR} |
| M | I/O - 1 | I/O - 2 | INIT | \overline{CONT} |
| N | SPARE POWER | SPARE POWER | JOX | ADDR |
| P | +5V | +12V | \overline{FRZ} | \overline{RQST} |
| Q | +24V | -12V | DOUT 0 | DIN 0 |
| R | I/O - 49 | I/O - 50 | DOUT 1 | DIN 1 |
| S | I/O - 47 | I/O - 48 | DOUT 2 | DIN 2 |
| T | I/O - 45 | I/O - 46 | DOUT 3 | DIN 3 |
| U | I/O - 43 | I/O - 44 | DOUT 4 | DIN 4 |
| V | I/O - 41 | I/O - 42 | DOUT 5 | DIN 5 |
| W | I/O - 39 | I/O - 40 | DOUT 6 | DIN 6 |
| X | I/O - 37 | I/O - 38 | DOUT 7 | DIN 7 |
| | I/O - 35 | I/O - 36 | 16 KHz | -3V |
| | 0V | \overline{ADDR} | 0V | +5V |

PIN LAYOUT PERIPHERAL CONTROLLERS WITH B.D.S. INTERFACE

| | | | |
|-----------|-----------|--|--|
| 2797 1522 | 2797 1522 |  | CONTROLLER PIN LAYOUTS 2797 1522 A 1 of 2 |
|-----------|-----------|--|--|



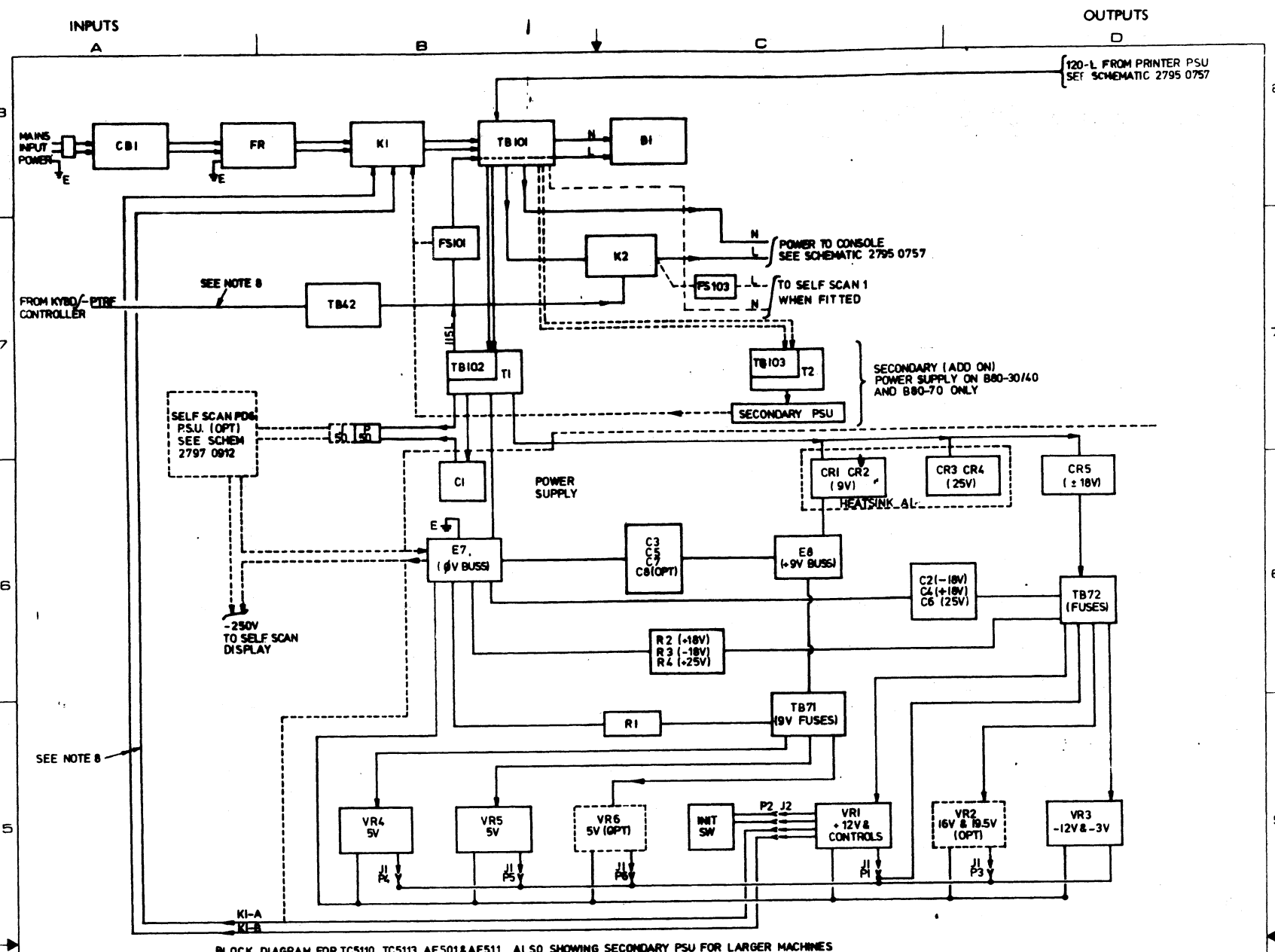
INPUTS

OUTPUTS

**DEVICE CONTROLLER I/F.
(DRIVEN BY SOFT CONTROLLER.)**

| | BACKPLANE TOP | | BACKPLANE BOTTOM | |
|---|-------------------|-------------|------------------|---------------|
| | SIDE 1 | SIDE 2 | SIDE 1 | SIDE 2 |
| A | 0V | +5V | -12V | +5V |
| B | I/O - 23 | I/O - 24 | I/O - 33 | I/O - 34 |
| C | I/O - 21 | I/O - 22 | I/O - 31 | I/O - 32 |
| D | I/O - 19 | I/O - 20 | I/O - 29 | I/O - 30 |
| E | I/O - 17 | I/O - 18 | I/O - 27 | I/O - 28 |
| F | I/O - 15 | I/O - 16 | I/O - 25 | I/O - 26 |
| G | I/O - 13 | I/O - 14 | PHI 1H/ | PHI 2H/ |
| H | I/O - 11 | I/O - 12 | C1 GND | RAM CLK |
| I | I/O - 9 | I/O - 10 | PHI 1L/ | PHI 2L/ |
| J | I/O - 7 | I/O - 8 | C2 GND | SPARE |
| K | I/O - 5 | I/O - 6 | CLOCK (SPARE) | CLOCK (SPARE) |
| L | I/O - 3 | I/O - 4 | IOX | DIR/ |
| M | I/O - 1 | I/O - 2 | INIT | CONT/ |
| N | SPARE POWER | SPARE POWER | SPARE | SPARE |
| P | +5V | +12V | FRZ/ | SPREQ/ |
| Q | RESERVED FOR +24V | -12V | DVY 0 | SPADD 0 |
| R | I/O - 49 | I/O - 50 | DVY 1 | SPADD 1 |
| S | I/O - 47 | I/O - 48 | DVY 2 | SPADD 2 |
| T | I/O - 45 | I/O - 46 | DVY 3 | SPADD 3 |
| U | I/O - 43 | I/O - 44 | DVY 4 | |
| V | I/O - 41 | I/O - 42 | DVY 5 | SPTOX |
| W | I/O - 39 | I/O - 40 | DVY 6 | SPDIR/ |
| X | I/O - 37 | I/O - 38 | DVY 7 | SPCONT/ |
| Y | I/O - 35 | I/O - 36 | 16 KHZ/ | -3V |
| Z | 0V | ADDR | 0V | +5V |

PIN LAYOUT DEVICE CONTROLLERS



BLOCK DIAGRAM FOR TC5110, TC5113, AE501 & AE511, ALSO SHOWING SECONDARY PSU FOR LARGER MACHINES

| PAGE | DESCRIPTION | ER DATE | REV. |
|------|---|---------|------|
| 1 | BLOCK DIAGRAM INDEX & NOTES | | B |
| 2 | AC SECTION, TC5110, TC5113, AE501 & AE511 | | B |
| 2A | AC SECTION B80-70 & AE511 | | B |
| 2B | AC SECTION B80-30/40 & B80-70 | | B |
| 3 | DC SECTION | | B |
| 3A | DC SECTION (16K) | | B |
| 4 | DC SECTION & VISUAL AIDS | | B |

NOTES:

- DC PANEL
 - AC PANEL
 - GRD BUSS
 - BACKPLANE
 - SELF SCAN PD6 PSU
- DASHED LINES INDICATE OPTIONS
- CIRCLED NUMBERS INDICATE TAGGED WIRES
- NAMES NOT IN PARENTHESIS ARE SYSTEM SIGNAL NAMES. NAMES IN PARENTHESIS ARE ABBREVIATIONS OR OTHER INFORMATION.
- CODES USED FOR DENOTING COMPONENT PART NUMBERS ARE AS FOLLOWS:

| | |
|-------------|-------------|
| TRANSISTORS | DIODES |
| A 1471 4802 | A 2795 1409 |
| B 1537 6551 | B 1471 4729 |
| C 2571 1003 | C 2571 0658 |
| | D 2795 1342 |
- WIRES IDENTIFIED BY 'W' NUMBERS INDICATE PART NUMBERS AS FOLLOWS:

| |
|---|
| W1, W2 2797 3452 (CBI-20 AMP OR 30AMP) 2574 2800 (CBI = 12 AMP) |
| W3 2574 2768 |
| W4 2574 3006 |
| W5 2574 2784 |
| W12, W6 2574 2776 |
| W7 2571 3561 |
| W8 2574 2750 |
| W9, W10, W11 1104 1365 |
| W20 2795 1557 |
- ABBREVIATIONS

| |
|---|
| PWB = PRINTED WIRING BOARD |
| INTNL = INTERNATIONAL |
| 16K = 16K MEMORY CONSTRUCTION |
| 16K/ = NOT REQUIRED FOR 16K MEMORY CONSTRUCTION |
- WIRING DENOTED IS PART OF THE DC DISTRIBUTION HARNESS AND NOT PART OF THE DC POWER SUPPLY HARNESS

| | | | | | | | |
|--------------------------|----------------|------------------------|-----------------------|--------------------------------------|-----------------|----------------|------------|
| DRAWING NO. 2795 1425 | PAGE 1 OF 1 | RELEASED SEP 3 1976 | DESIGN CONTROL 308 | TITLE BLOCK DIAGRAM INDEX & NOTES | | | |
| | | | | DESIGN/ENGR R. S. LITTLE | DATE 6/17/77 | DRAWN | DATE |
| | | | | APPROVED | DATE | CHECKED | DATE |
| | | | | ENG COMP | DATE | DRG SIZE A1 | CLASS CODE |



SMALL SYSTEMS DIVISION
BURROUGHS MACHINES LIMITED
CUMBERNAULD, SCOTLAND, U.K.

PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

INPUTS

OUTPUTS

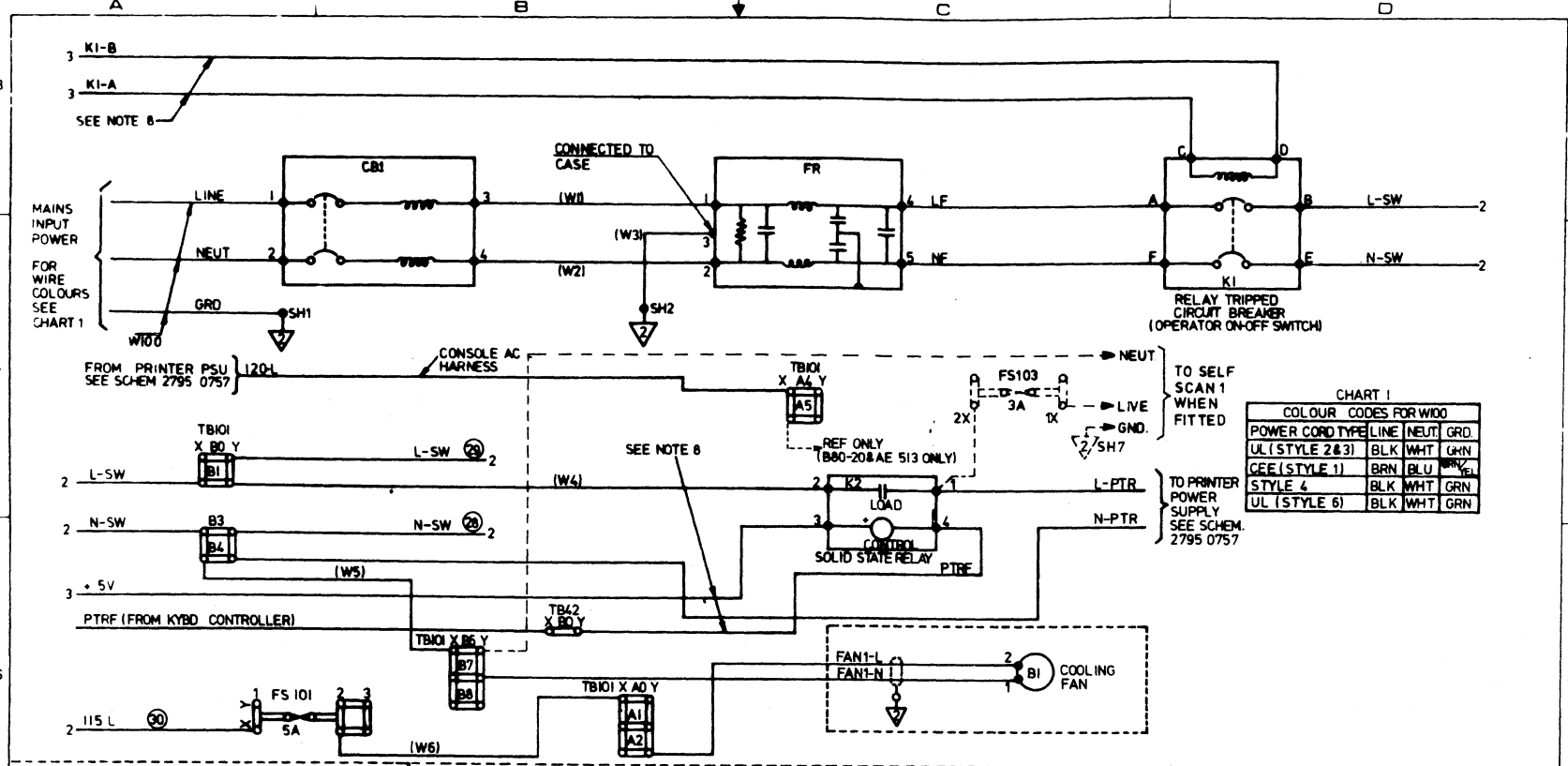


CHART 1
COLOUR CODES FOR WIRE

| POWER CORD TYPE | LINE | NEUT | GRD |
|------------------|------|------|-----|
| UL (STYLE 2 & 3) | BLK | WHT | GRN |
| CEE (STYLE 1) | BRN | BLU | GRN |
| STYLE 4 | BLK | WHT | GRN |
| UL (STYLE 6) | BLK | WHT | GRN |

DOMESTIC 60 Hz

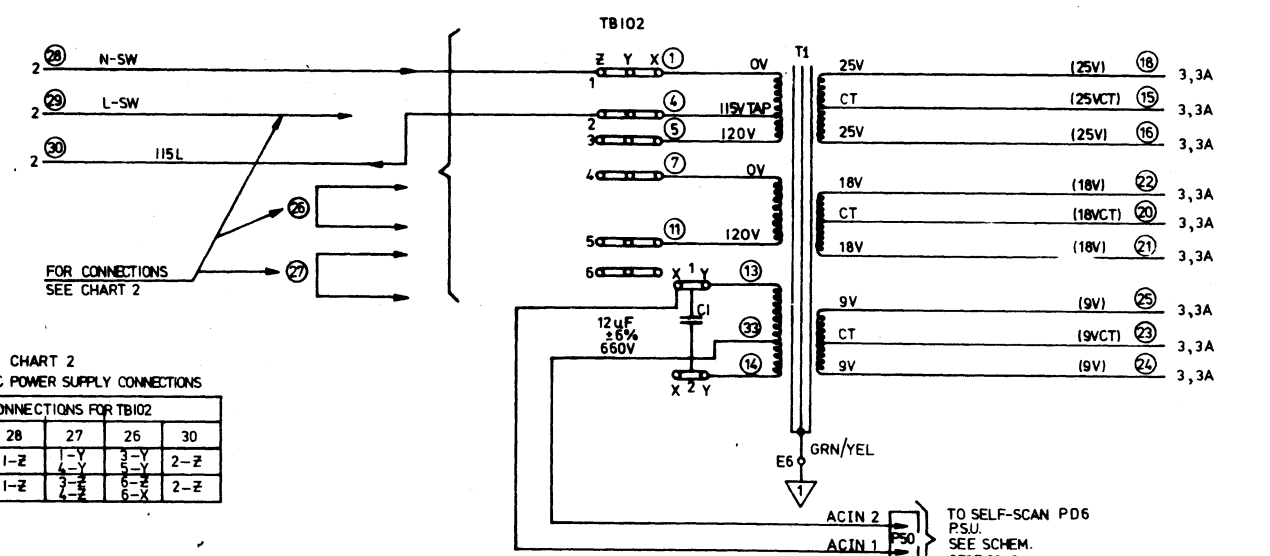


CHART 2
60 HZ DOMESTIC POWER SUPPLY CONNECTIONS

| MAINS POWER VOLTAGE DESIGNATION | CONNECTIONS FOR TB102 | | | | |
|---------------------------------|-----------------------|-----|-----|-----|-----|
| | 29 | 28 | 27 | 26 | 30 |
| 120 V | 3-Z | 1-Z | 1-Y | 3-Y | 2-Z |
| 240 V | 5-Z | 1-Z | 2-Z | 6-X | 2-Z |

INTERNATIONAL 50 Hz / 60 Hz

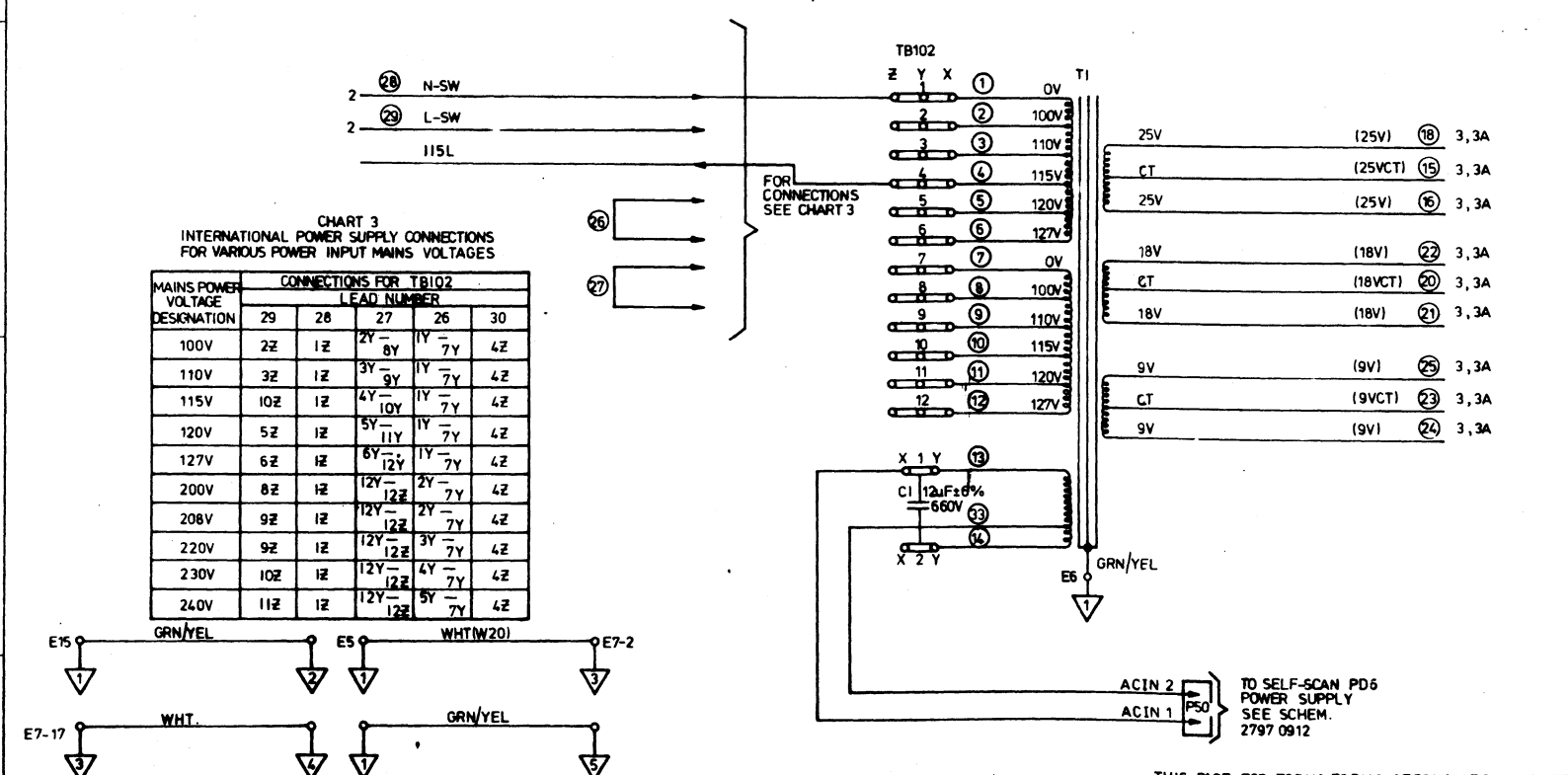
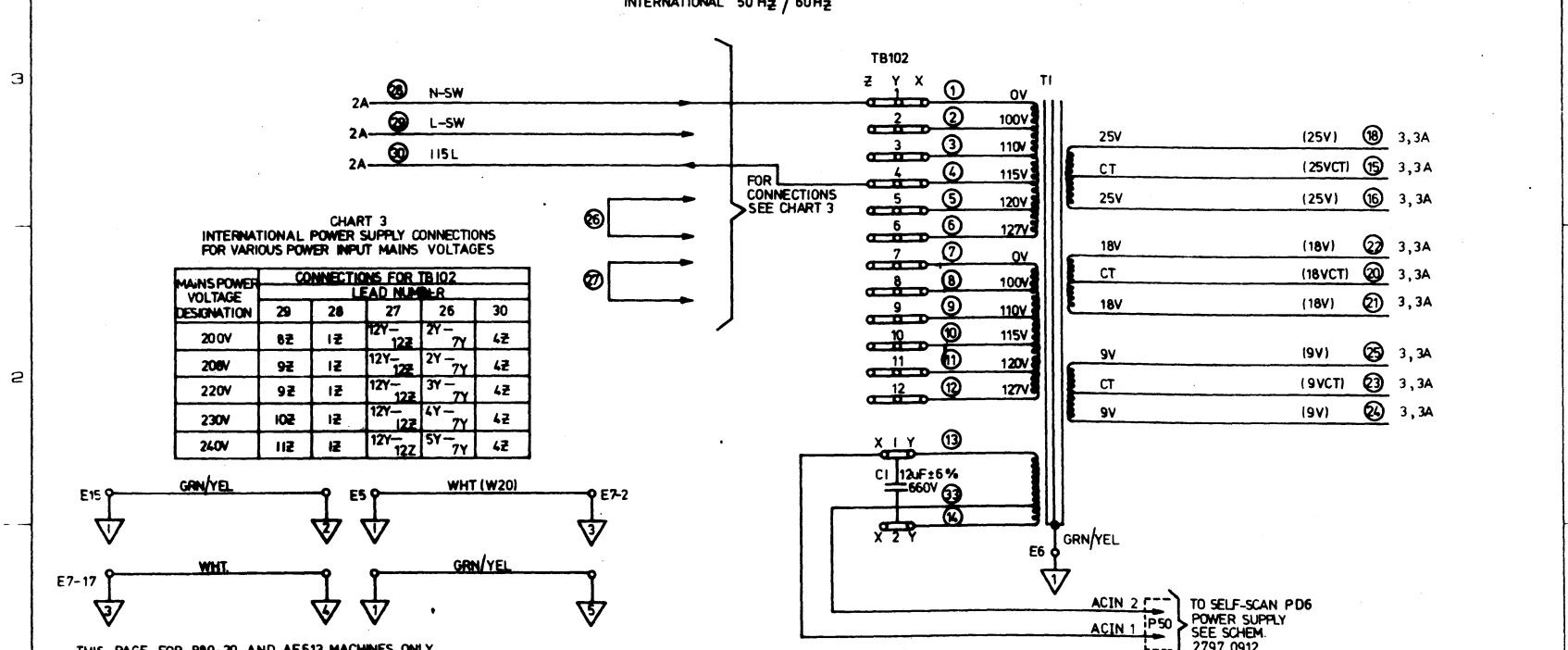
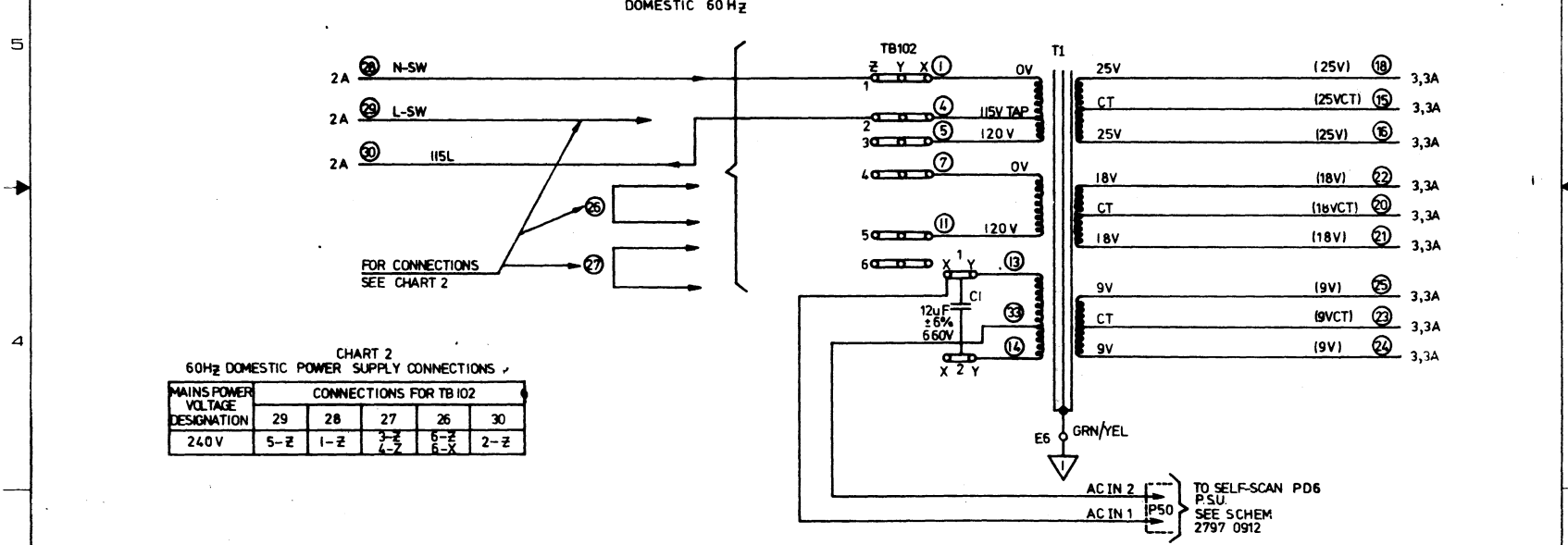
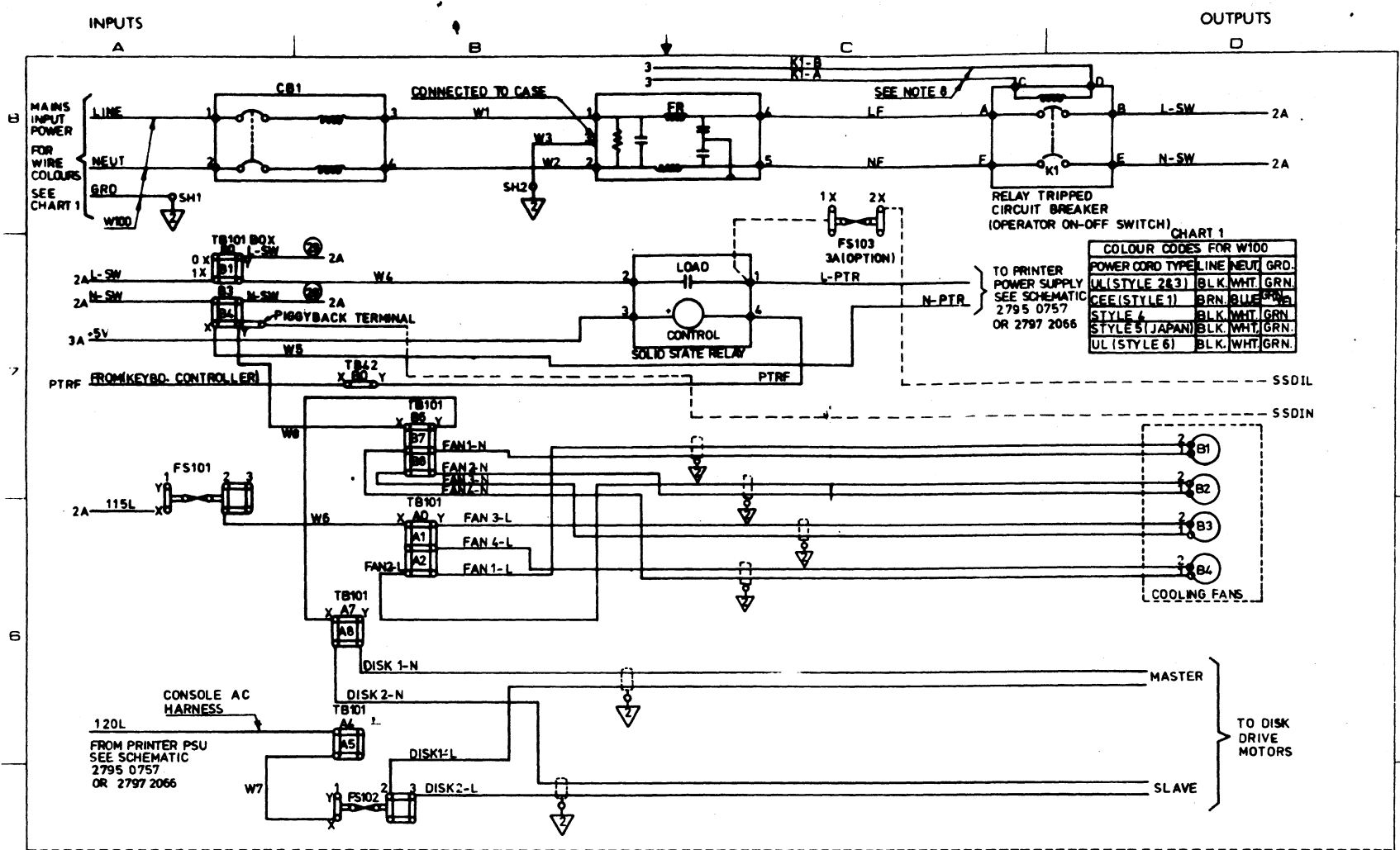


CHART 3
INTERNATIONAL POWER SUPPLY CONNECTIONS FOR VARIOUS POWER INPUT MAINS VOLTAGES

| MAINS POWER VOLTAGE DESIGNATION | CONNECTIONS FOR TB102 | | | | |
|---------------------------------|-----------------------|----|-----|----|----|
| | 29 | 28 | 27 | 26 | 30 |
| 100V | 2Z | 1Z | 2Y | 1Y | 4Z |
| 110V | 3Z | 1Z | 3Y | 1Y | 4Z |
| 115V | 10Z | 1Z | 4Y | 1Y | 4Z |
| 120V | 5Z | 1Z | 5Y | 1Y | 4Z |
| 127V | 6Z | 1Z | 6Y | 1Y | 4Z |
| 200V | 8Z | 1Z | 12Y | 2Y | 7Y |
| 208V | 9Z | 1Z | 12Y | 2Y | 7Y |
| 220V | 9Z | 1Z | 12Y | 3Y | 7Y |
| 230V | 10Z | 1Z | 12Y | 4Y | 7Y |
| 240V | 11Z | 1Z | 12Y | 5Y | 7Y |

THIS PAGE FOR TC5110, TC5113, AE501, & AE511 MACHINES ONLY.

| | | | | | | |
|--|------------------------|-------------------------|---|-------------------------|---------------------|---|
| DRAWING No 2795 1425 | DATE 4 OCT 1977 | RELEASED SEP 27 1976 | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD SCOTLAND U.K. | | DSGN CONTROL 308 | TITLE WIRING SCHEMATIC, BASE POWER SUPPLY (A C SECTION) |
| | | | DSGN ENGR APPROVED ENG COMP | DATE CHECKED DATE | DRAWN DATE | DRAWING No 2795 1425 |
| PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | DRG. SIZE A1 | CLASS. CODE B | PAGE 2 | | | |



THIS PAGE FOR 880-20 AND AE513 MACHINES ONLY.

DATE: 2795 14 25

REV: 2A

BURROUGHS MACHINES LIMITED
CUMBERNAULD, SCOTLAND, U.K.

DESIGN CONTROL JOB: 2795 14 25

DESIGN ENGR: []

APPROVED: []

ENG. COMP: []

TITLE: SCHEMATIC, BASE POWER SUPPLY (DC SECTION)

DRAWN: []

CHECKED: []

CLASS CODE: 2-9520

DWG. NO: 2795 14 25

PAGE: 2A

INPUTS

OUTPUTS

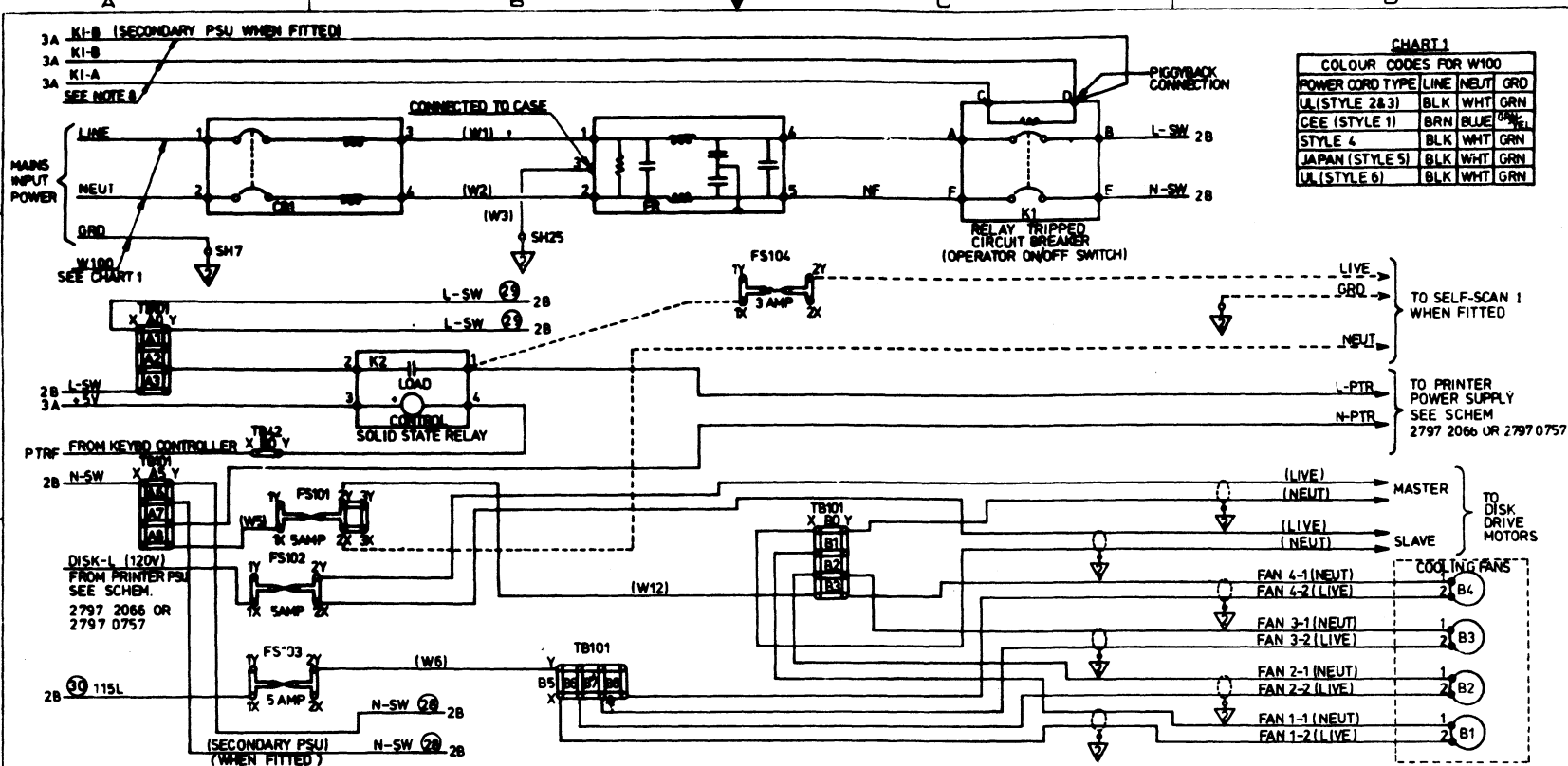


CHART 1
COLOUR CODES FOR W100

| POWER CORD TYPE | LINE | NEUT | GRD |
|-----------------|------|------|-----|
| UL (STYLE 283) | BLK | WHT | GRN |
| CEE (STYLE 1) | BRN | BLU | GRN |
| STYLE 4 | BLK | WHT | GRN |
| JAPAN (STYLE 5) | BLK | WHT | GRN |
| UL (STYLE 6) | BLK | WHT | GRN |

DOMESTIC 60 Hz

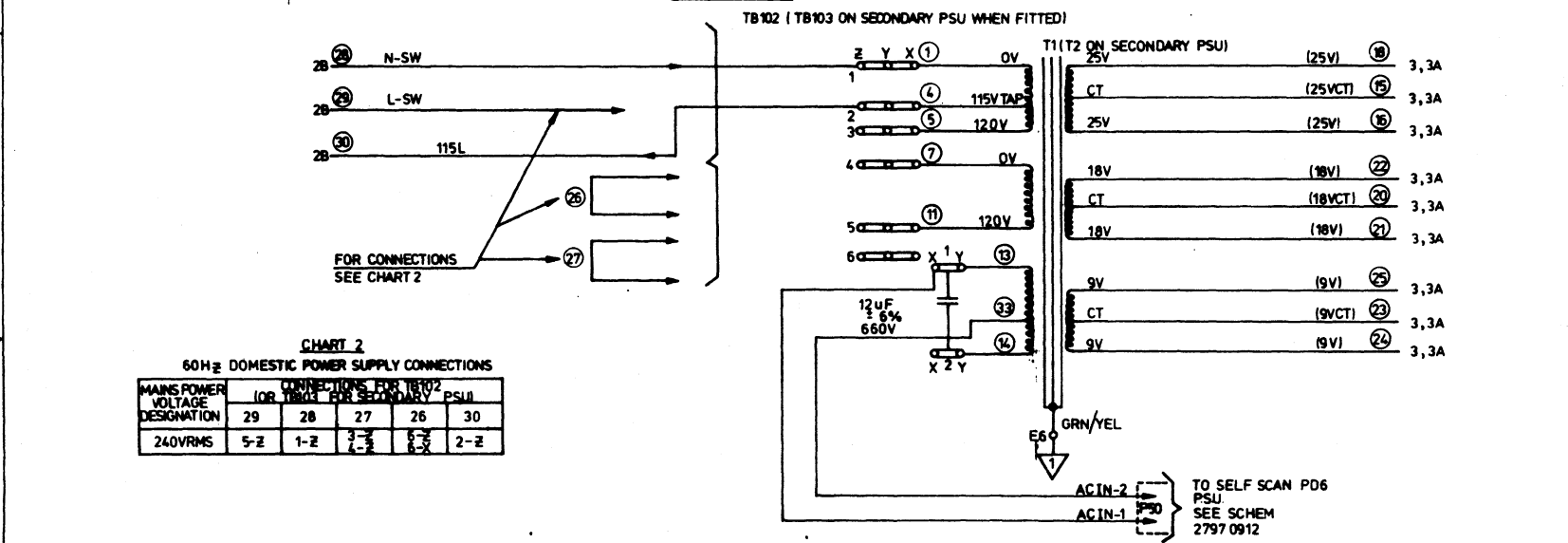


CHART 2
60 Hz DOMESTIC POWER SUPPLY CONNECTIONS

| MAINS POWER VOLTAGE DESIGNATION | CONNECTIONS FOR TB102 (OR TB103 ON SECONDARY PSU) | | | | |
|---------------------------------|---|-----|-----|-----|-----|
| | 29 | 28 | 27 | 26 | 30 |
| 240VRMS | 5-Z | 1-Z | 2-Z | 3-Z | 2-Z |

INTERNATIONAL 50 Hz / 60 Hz

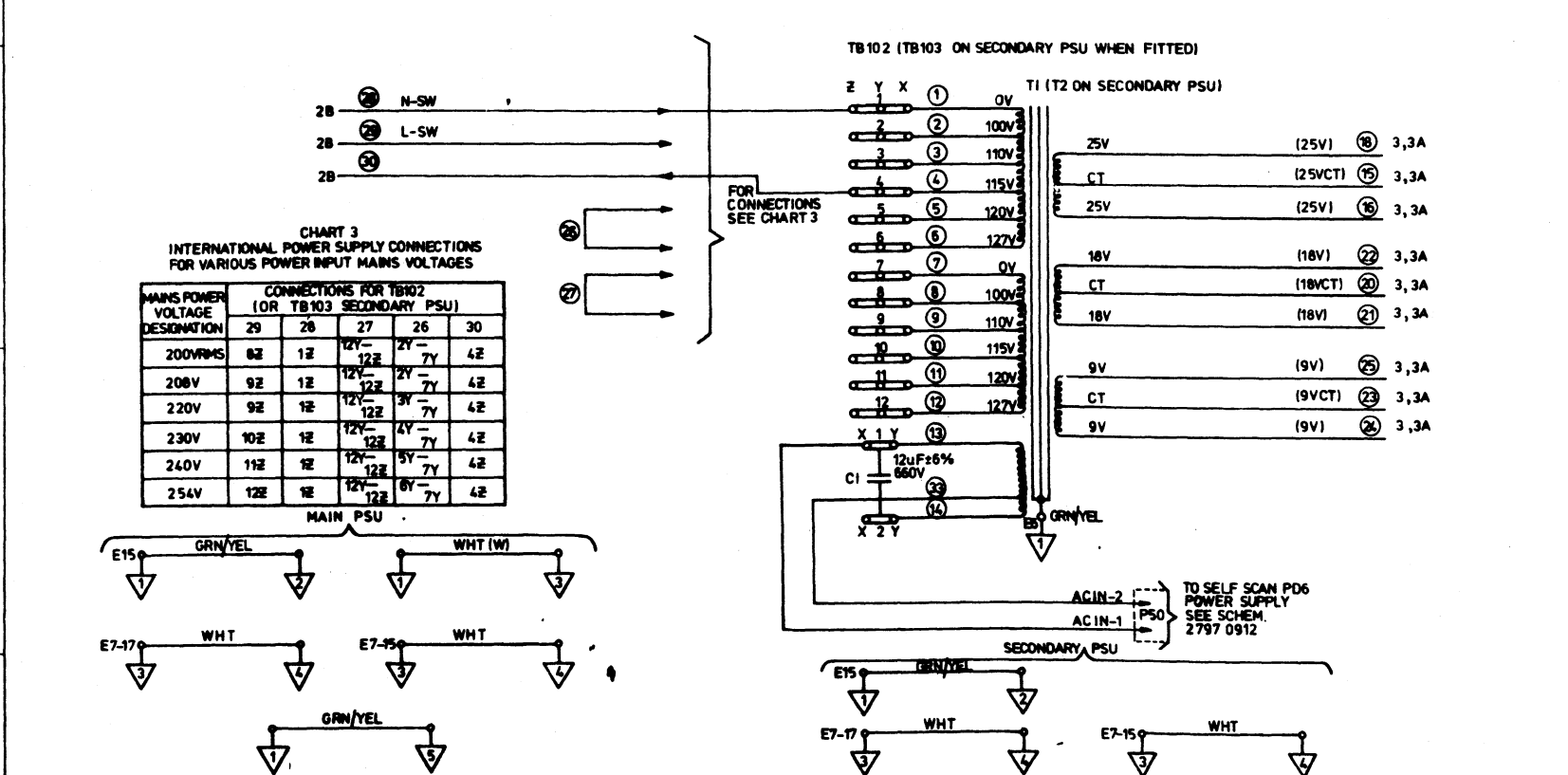
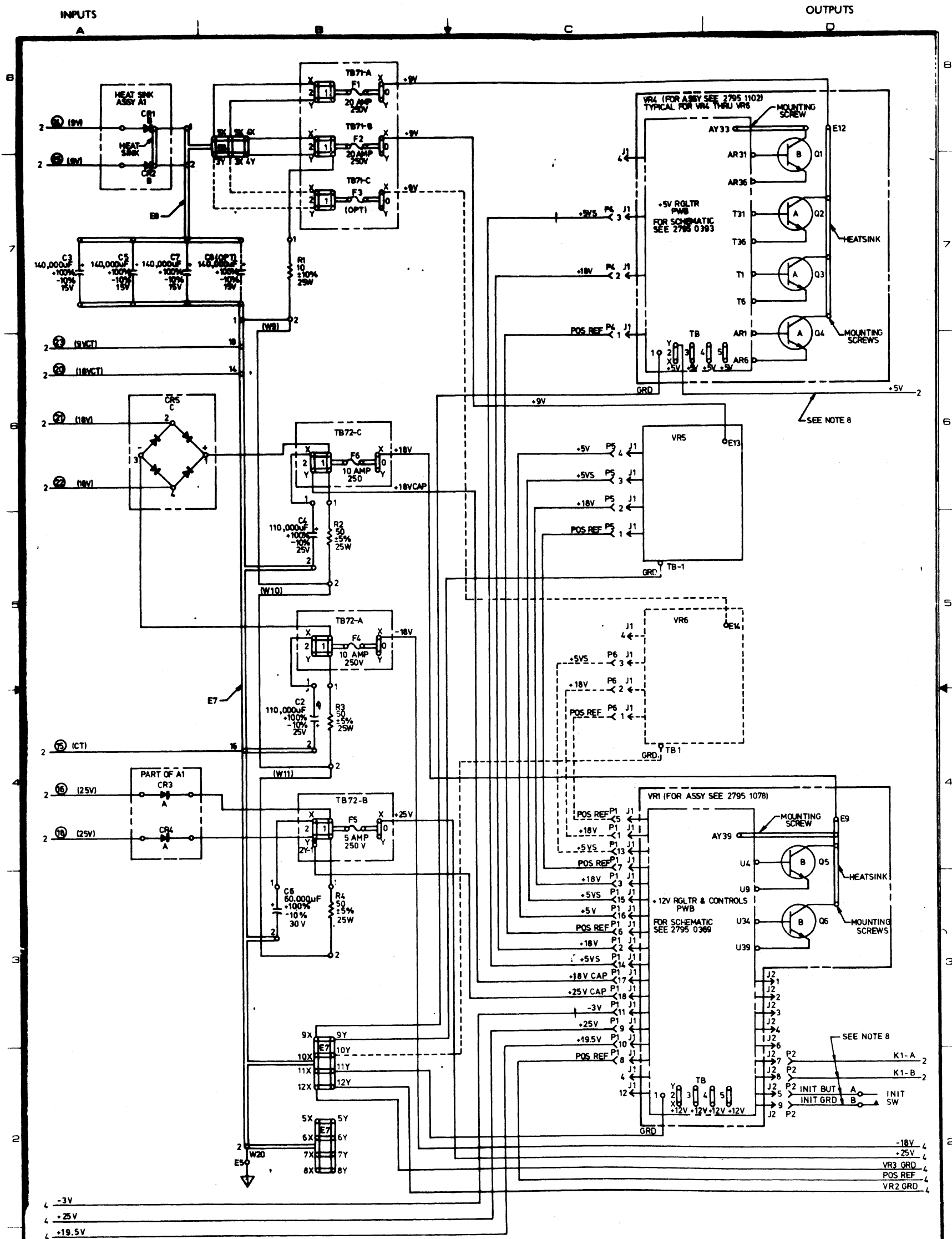


CHART 3
INTERNATIONAL POWER SUPPLY CONNECTIONS FOR VARIOUS POWER INPUT MAINS VOLTAGES

| MAINS POWER VOLTAGE DESIGNATION | CONNECTIONS FOR TB102 (OR TB103 ON SECONDARY PSU) | | | | |
|---------------------------------|---|----|---------|-------|----|
| | 29 | 28 | 27 | 26 | 30 |
| 200VRMS | 8Z | 1Z | 10Y-12Z | 2Y-7Y | 4Z |
| 208V | 9Z | 1Z | 12Y-12Z | 2Y-7Y | 4Z |
| 220V | 9Z | 1Z | 12Y-12Z | 3Y-7Y | 4Z |
| 230V | 10Z | 1Z | 12Y-12Z | 4Y-7Y | 4Z |
| 240V | 11Z | 1Z | 12Y-12Z | 5Y-7Y | 4Z |
| 254V | 12Z | 1Z | 12Y-12Z | 6Y-7Y | 4Z |

THIS PAGE FOR B80-30/40 AND B80-70 MACHINES ONLY.

| | | | | | | | | | |
|-------------------------------------|---|--|--|--|--|--|--|---|--|
| DRAWING NO. 2795 1425 DATE 14/25 | RELEASED SEP 3/78 ER 00145 EGN 01220 1 THRU 4 OCT/77 | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | DSGN CONTROL JOB DATE DRAWN DATE DATE DATE DATE | | TITLE WIRING SCHEMATIC, BASE POWER SUPPLY (AC SECTION). | | DRAWING NO. 2795 1425 | |
| | | PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS OF YEAR OR PRIOR WRITTEN CONSENT | | ENG COMP DATE DRG SIZE A1 CLASS CODE | | REV B PA 2B | | THIS PAGE FOR B80-30/40 AND B80-70 MACHINES ONLY. | |

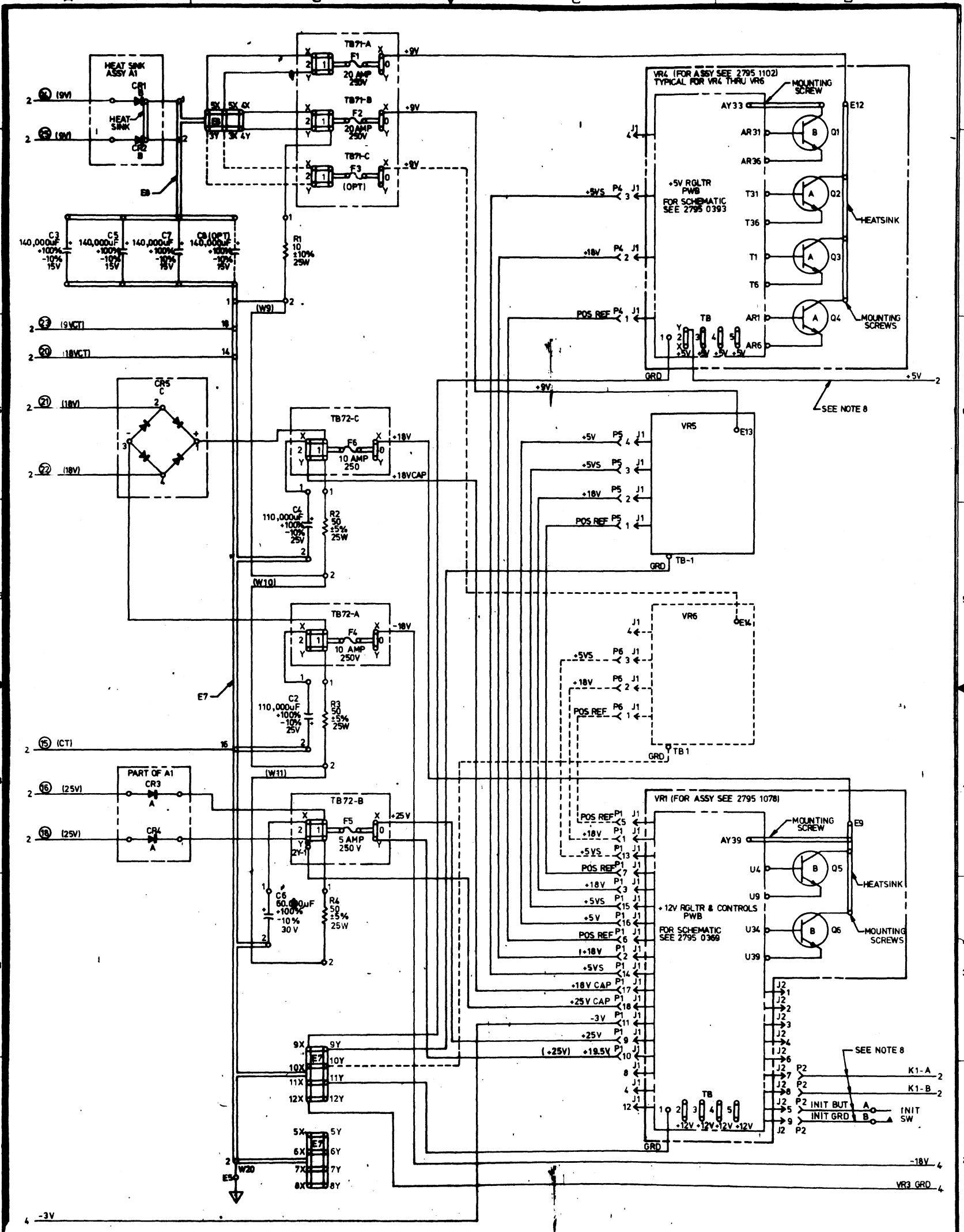


THIS PAGE FOR TC5110, TC5113, AE501 & AE511 MACHINES ONLY.

| | | | | | | | | | | |
|---------------------------------|------------------|-----------------------------|--|-----------|---|------------------------|---|-----------------------|-------------------|---------------------------------|
| DRAWING NO. 2795 1425 | PART 3 | RELEASED SEP 3 76 | MADE IN DATE REV EN 0045 EN 0120 B | OCT 1 777 | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD SCOTLAND U.K. | DSGN CONTROL 108 | TITLE SCHEMATIC, BASE POWER SUPPLY (DC SECTION) | | | |
| | | | | | | DSGN ENGR | DATE | DRAWN | DATE | DRAWING NO. 2795 1425 |
| | | | | | | APPROVED | DATE | CHECKED | DATE | CLASS CODE 2-9520 |
| | | | | | | ENG CLERK | DATE | DTH. NO. A1 | SHEET B | OF 3 |

INPUTS

OUTPUTS

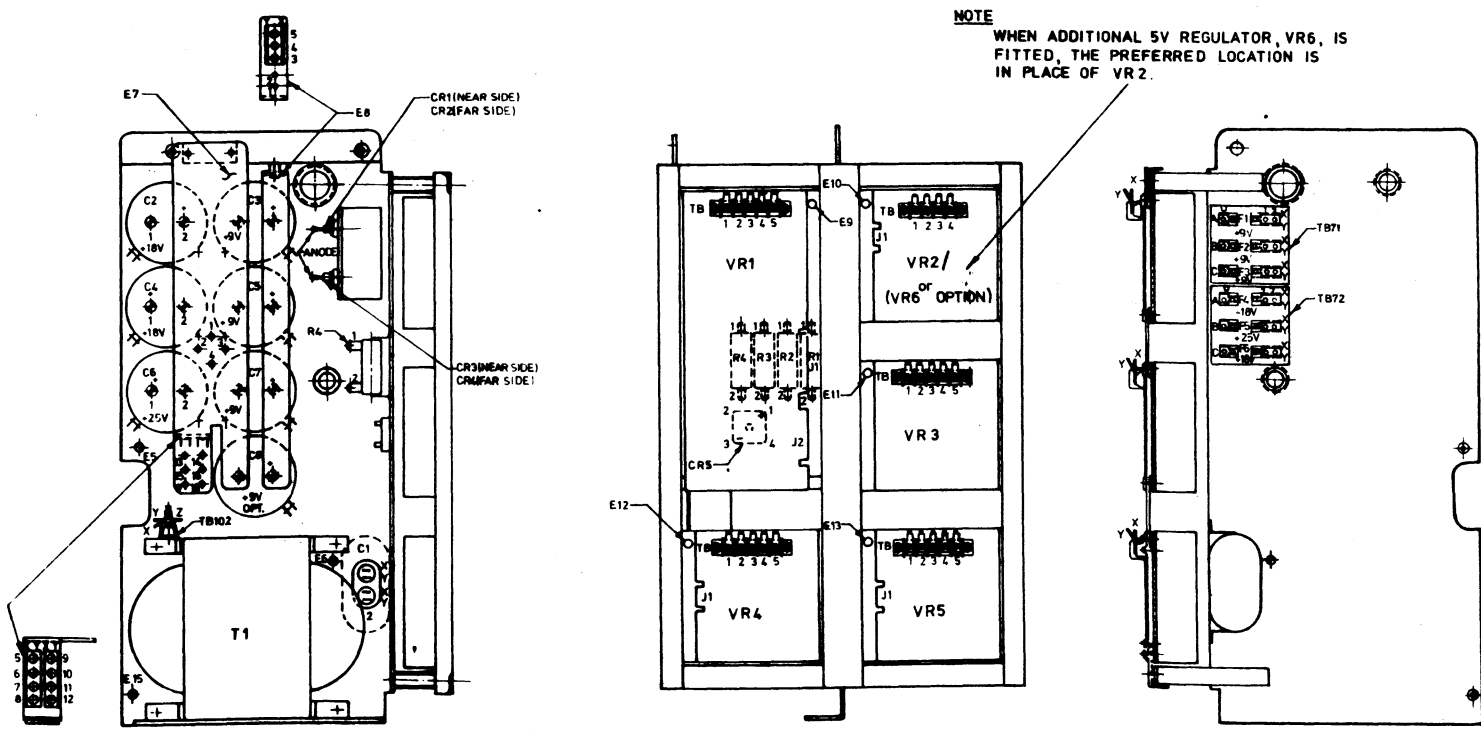
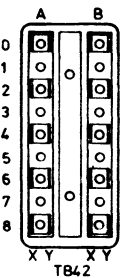
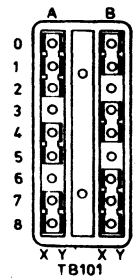
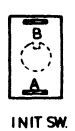
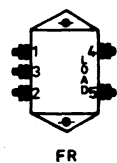
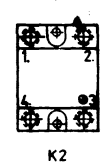
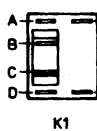
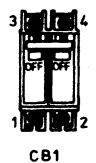
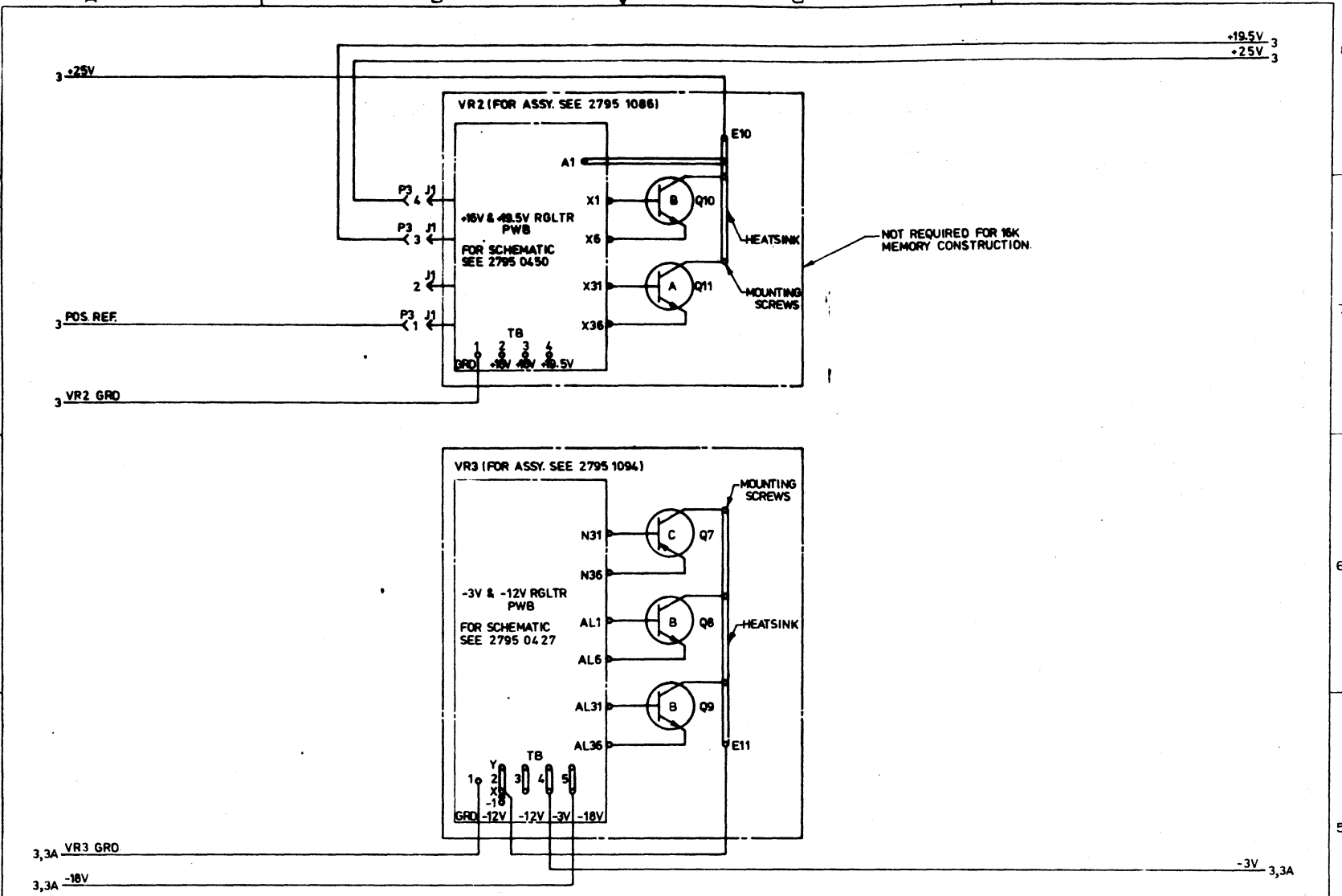


THIS PAGE FOR B80-20, AE513, B80-30/40 & B80-70 MACHINES ONLY.

| | | | | | |
|--------------------|--|--|--|--|-------------------|
| 2795 1425 3A 03 | BURROUGHS SERIAL 276 OCT 27 1977 | Burroughs <small>WALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED LONDON HAVERHILL, ENGLAND U.K.</small> | | DESIGN CONTROL TITLE: SCHEMATIC, BASE POWER SUPPLY (DC SECTION) FOR 16K | |
| | | APPROVED: [Signature] DATE: 10/27/77 | CHECKED: [Signature] DATE: 10/27/77 | DRAWING NO.: 2795 1425 | PLAN CODE: 2-9520 |

INPUTS

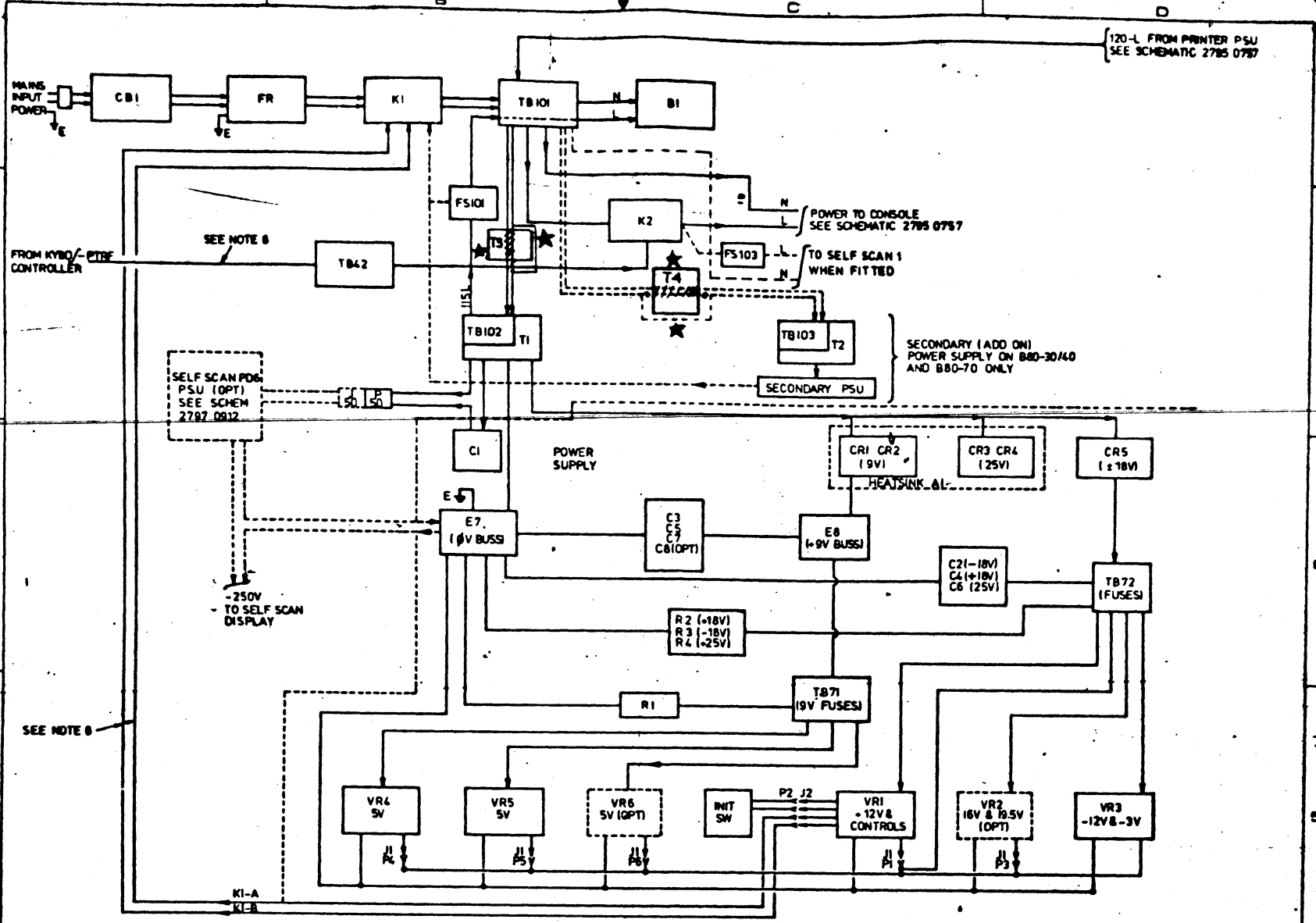
OUTPUTS



| | | | | | | | | | | | | | |
|--|----------------|----------|--------------------|---------------------|---------------------|-------------------|---------------|---|--------------|---|----------|--------|-------------|
| DRAWING NO. 2795 14 25 | PAGE 4 OF 4 | REV B | DATE 4 OCT 1977 | DESIGNED SER 376 | CHECKED ER 10045 | ENGR EGN 07220 | MTRM 17740 | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD SCOTLAND U.K. | DSGN CONTROL | TITLE SCHEMATIC, BASE POWER SUPPLY (DC SECTION & VISUAL AIDS) | | | |
| | | | | | | | | | JOB | DATE | DRAWN | DATE | DRAWING NO. |
| PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | | | | | | APPROVED | DATE | CHECKED | DATE | 2795 14 25 |
| | | | | | | | | | ENG COMP | DATE | DRG. NO. | DATE | B |
| | | | | | | | | | | | A1 | 2-9570 | 4 |

INPUTS

OUTPUTS



BLOCK DIAGRAM FOR TC5110, TC5113, AE5018 & AE5111, ALSO SHOWING SECONDARY PSU FOR LARGER MACHINES

NOTES:

- DC PANEL
 - AC PANEL
 - GRD BUSS
 - BACKPLANE
 - SELF SCAN PDS PSU
- DASHED LINES INDICATE OPTIONS
- CIRCLED NUMBERS INDICATE TAGGED WIRES
- NAMES NOT IN PARENTHESES ARE SYSTEM SIGNAL NAMES; NAMES IN PARENTHESES ARE ABBREVIATIONS OR OTHER INFORMATION.
- CODES USED FOR DENOTING COMPONENT PART NUMBERS ARE AS FOLLOWS:

| | |
|-------------|-------------|
| TRANSISTORS | DIODES |
| A 1471 4802 | A 2795 1408 |
| B 1537 6551 | B 1471 4729 |
| C 2571 1003 | C 2571 0658 |
| | D 2795 1342 |
- WIRES IDENTIFIED BY 'W' NUMBERS INDICATE PART NUMBERS AS FOLLOWS:

| |
|---|
| W1, W2 2797 3452 (CB1-20 AMP OR 30AMP) 25% 2800(CB1-12 AMP) |
| W3 2574 2768 |
| W4 2574 3006 |
| W5 2574 2784 |
| W12, W6 2574 2776 |
| W7 2571 3561 |
| W8 2574 2750 |
| W9, W10, W11 1104 1388 |
| W20 2795 1587 |
- ABBREVIATIONS
 - PWB - PRINTED WIRING BOARD
 - INTL - INTERNATIONAL
 - 16K - 16K MEMORY CONSTRUCTION
 - 16K/ - NOT REQUIRED FOR 16K MEMORY CONSTRUCTION
- WIRING DENOTED IS PART OF THE DC DISTRIBUTION HARNESS AND NOT PART OF THE DC POWER SUPPLY HARNESS

| PAGE | DESCRIPTION | ER DATE | REV. |
|------|--|---------|------|
| 1 | BLOCK DIAGRAM INDEX & NOTES | | B |
| 7 | AC SECTION TC5110, TC5113, AE5018 & AE5111 | | B |
| 2A | AC SECTION B80-20 & AE513 | | B |
| 2B | AC SECTION B80-30/40 & B80-70 | | B |
| 3 | DC SECTION | | B |
| 3A | DC SECTION (16K) | | B |
| 4 | DC SECTION & VISUAL AIDS | | B |

62048 AMENDED
 PLYMOUTH DESIGN DEVIATION
 PROJECT 56702
 GROUP 1392 AMENDED
 DATE 3-16-78
 PAGE 2B AFFECTED

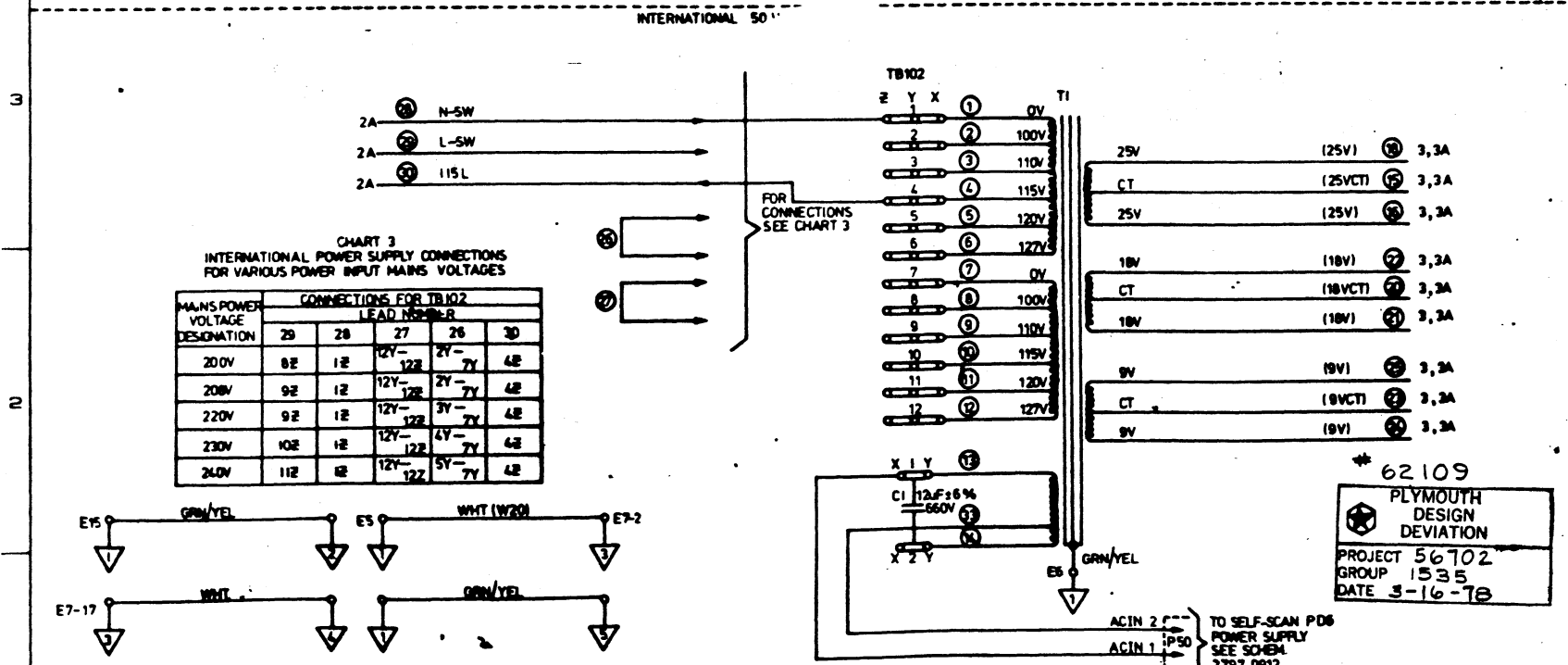
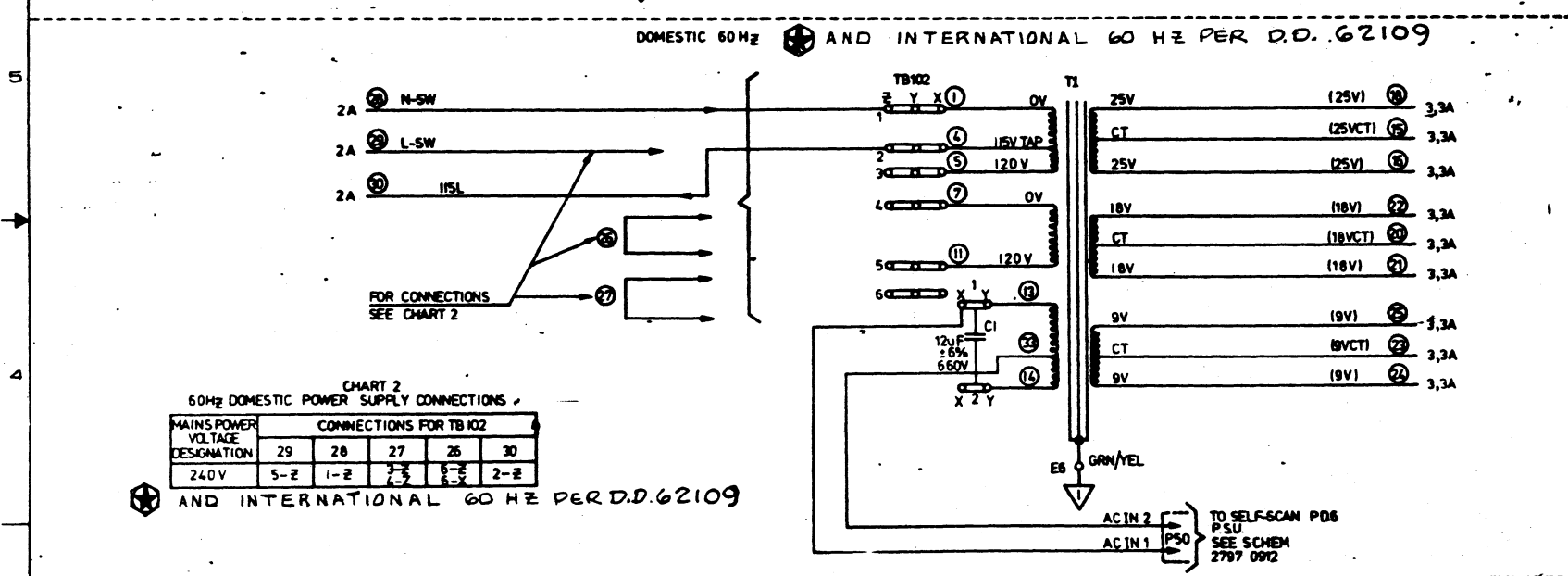
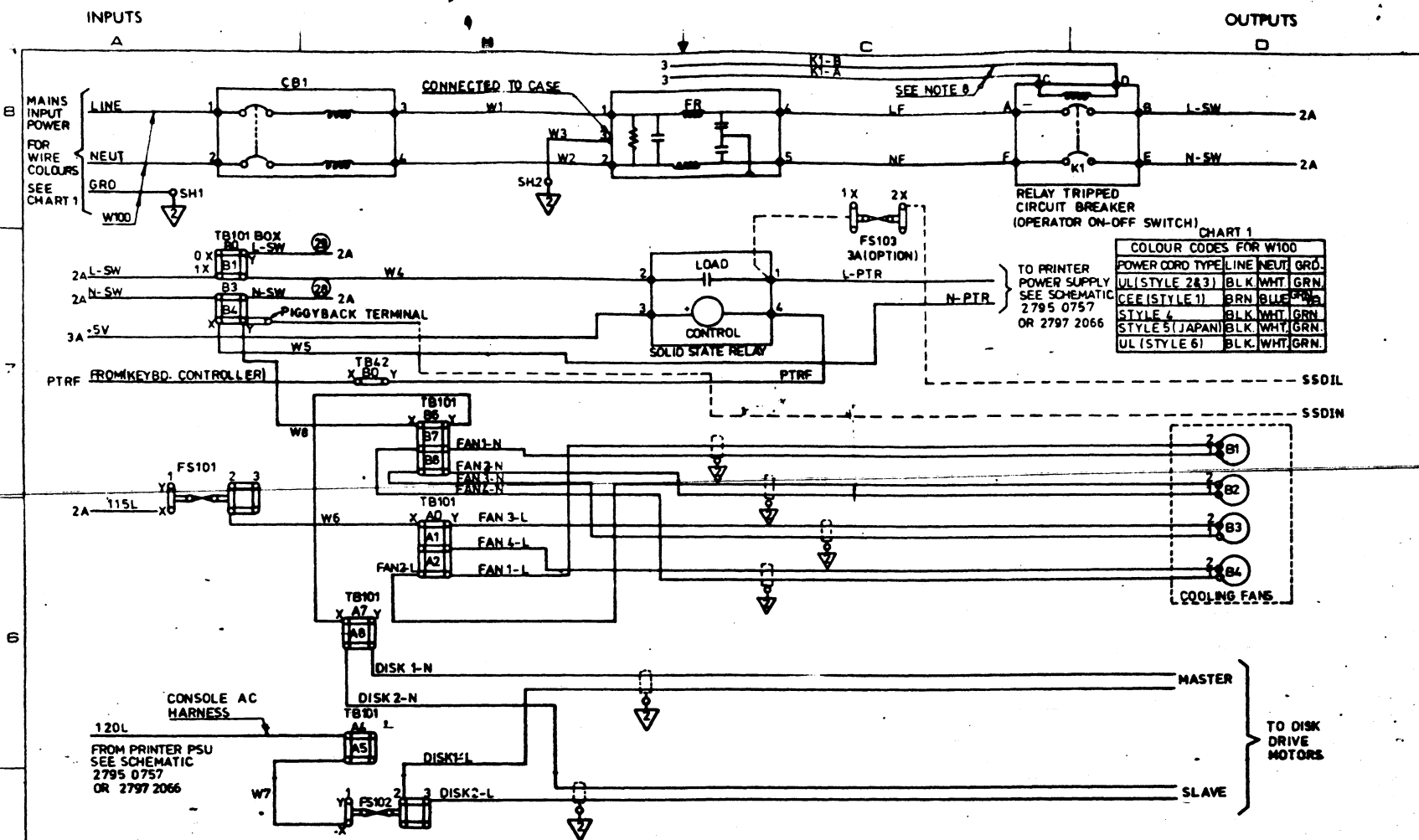
D.D. 62048
 PLYMOUTH DESIGN DEVIATION
 PROJECT 56702
 GROUP 1392
 DATE 12-21-77
 PAGES 1 & 2B AFFECTED
 PAGE 2C ADDED

D.D. 62109
 PLYMOUTH DESIGN DEVIATION
 PROJECT 56702
 GROUP 1392
 DATE MAR 16, 1978
 PAGE 2A AFFECTED

| | | | |
|------------------|---------------|-----------------------------|--------------------------|
| | | BLOCK DIAGRAM INDEX & NOTES | |
| DESIGNER DATE | DRAWN DATE | CHECKED DATE | DRAWING NO. 2795 1428 |
| APPROVED DATE | DATE | ORL. S/N A1 | CLASS. COMP. REV. |

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EI



THIS PAGE FOR 880-20 AND AE513 MACHINES ONLY.

2795 1425

Burroughs

SMALL SYSTEMS DIVISION
BURROUGHS MACHINES LIMITED
LEAMINGDALE, SCOTLAND, U.K.

DESIGN CONTROL: TITLE: SCHEMATIC, BASE POWER SUPPLY (DC SECTION)

DESIGN ENGR: DATE: DRAWN: DATE: DRAWING NO: 2795 1425

APPROVED: DATE: CHECKED: DATE: CLASS CODE: 2-9520 REV: B PAGE: 2A

DATE: 16 OCT 77

PROPRIETARY: IT IS HEREBY NOTED THAT THIS DOCUMENT IS NOT TO BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF BURROUGHS MACHINES LIMITED.

ORIGINAL

EI

INPUTS

OUTPUTS

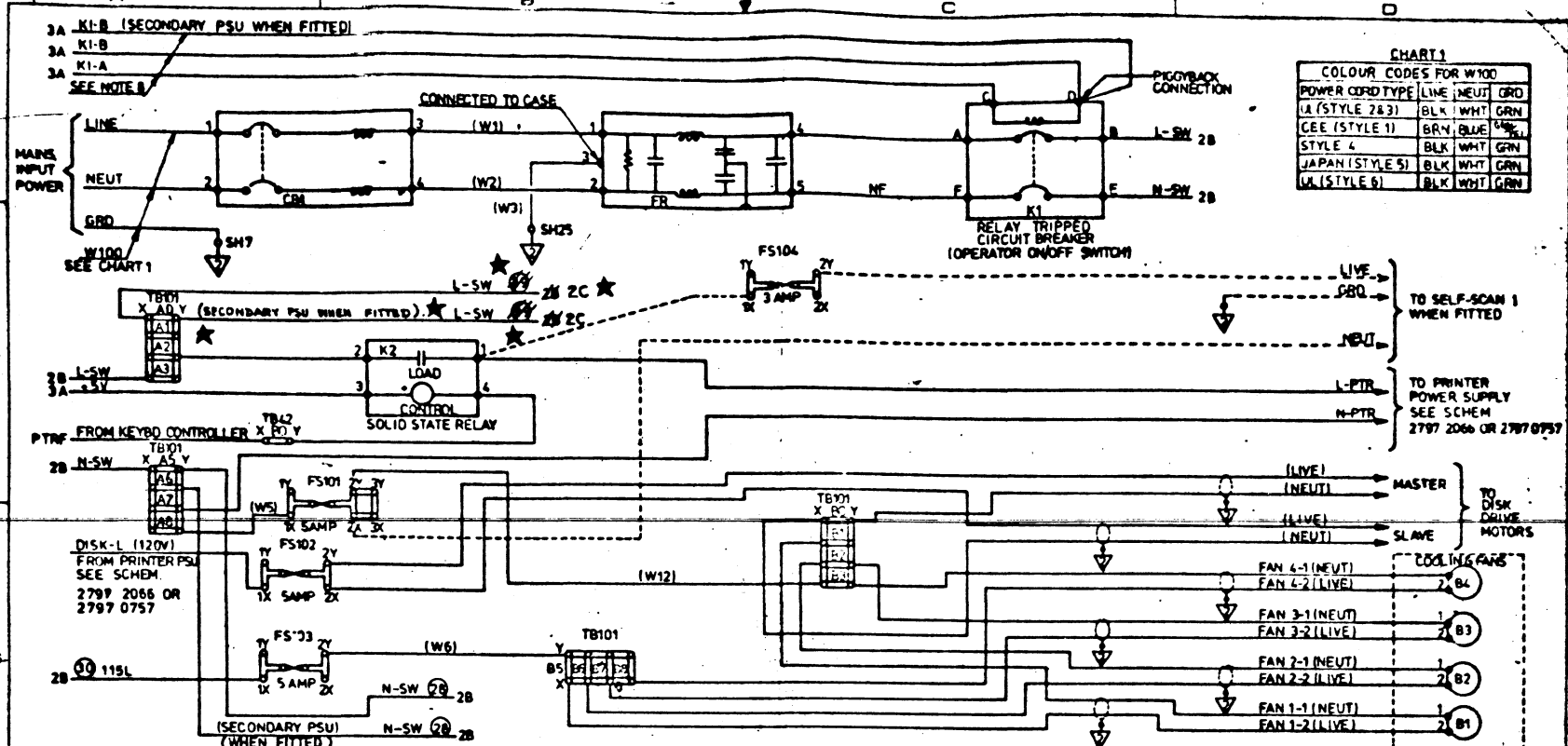


CHART 1

| COLOUR CODES FOR W100 | LINE | NEUT | GRD |
|-----------------------|------|------|-----|
| LA (STYLE 283) | BLK | WHT | GRN |
| CEE (STYLE 1) | BRN | BLU | WHT |
| STYLE 4 | BLK | WHT | GRN |
| JAPAN (STYLE 5) | BLK | WHT | GRN |
| UK (STYLE 6) | BLK | WHT | GRN |

CHART 2
60 Hz DOMESTIC POWER SUPPLY CONNECTIONS

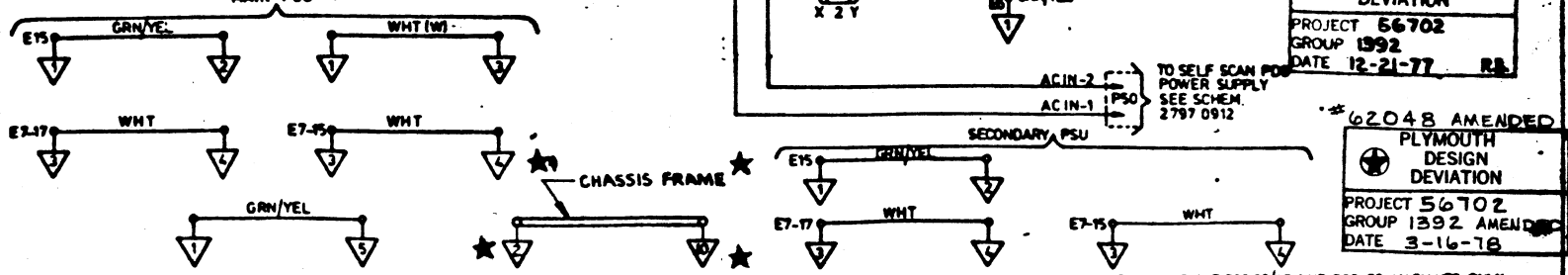
| MAINS POWER VOLTAGE DESIGNATION | CONNECTIONS FOR TB102 (OR TB103 ON SECONDARY PSU) | | | |
|---------------------------------|---|-----|-----|-----|
| | 26 | 27 | 28 | 30 |
| 240VRMS | 5-Z | 1-Z | 2-Z | 2-Z |

AND INTERNATIONAL 60 HZ PER D.D. 62048 AMENDED.

INTERNATIONAL 50 Hz / 60 Hz

CHART 3
INTERNATIONAL POWER SUPPLY CONNECTIONS FOR VARIOUS POWER INPUT MAINS VOLTAGES

| MAINS POWER VOLTAGE DESIGNATION | CONNECTIONS FOR TB102 (OR TB103 ON SECONDARY PSU) | | | |
|---------------------------------|---|----|-----|----|
| | 29 | 28 | 27 | 26 |
| 200VRMS | 8Z | 1Z | 12Z | 2Y |
| 208V | 9Z | 1Z | 12Z | 2Y |
| 220V | 9Z | 1Z | 12Z | 2Y |
| 230V | 10Z | 1Z | 12Z | 2Y |
| 240V | 11Z | 1Z | 12Z | 2Y |
| 254V | 12Z | 1Z | 12Z | 2Y |



D.D. 62048
PLYMOUTH DESIGN DEVIATION
PROJECT 56702
GROUP 1392
DATE 12-21-77

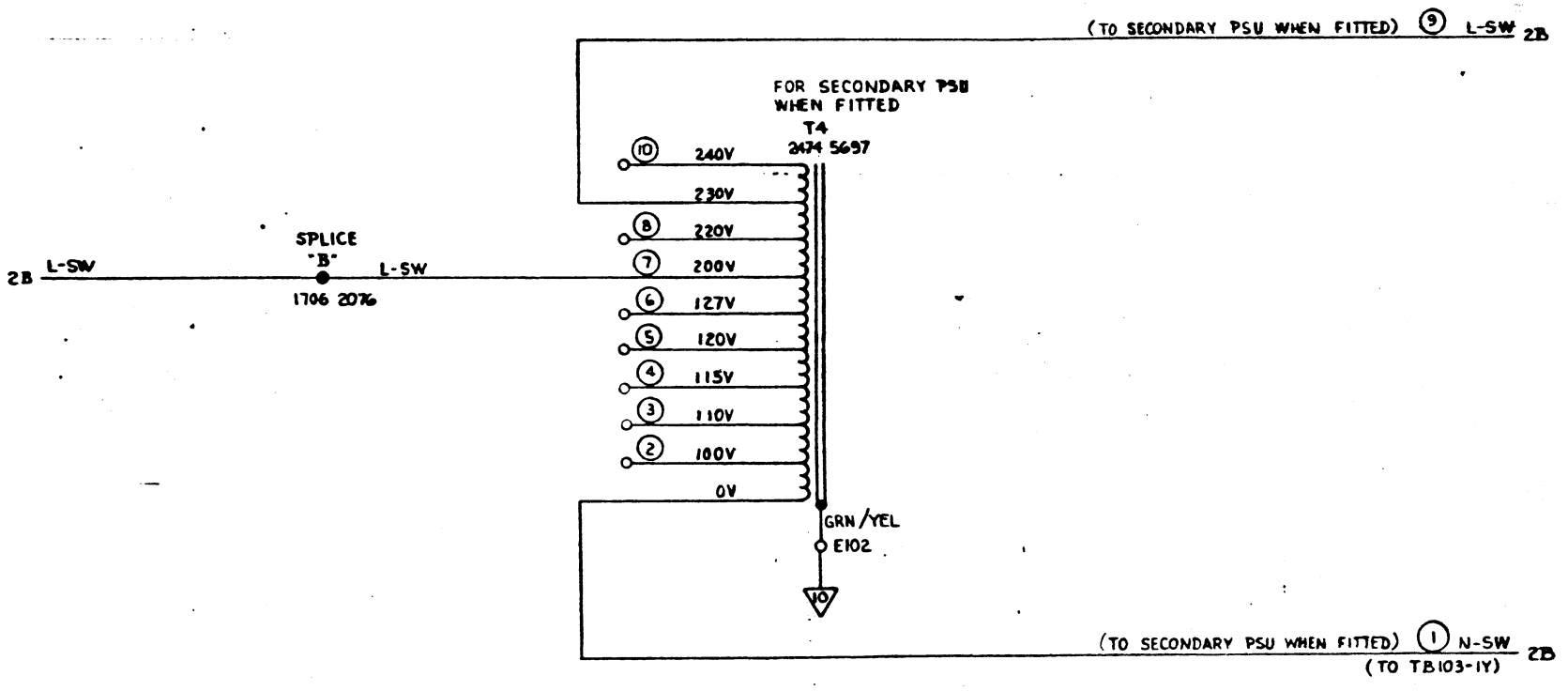
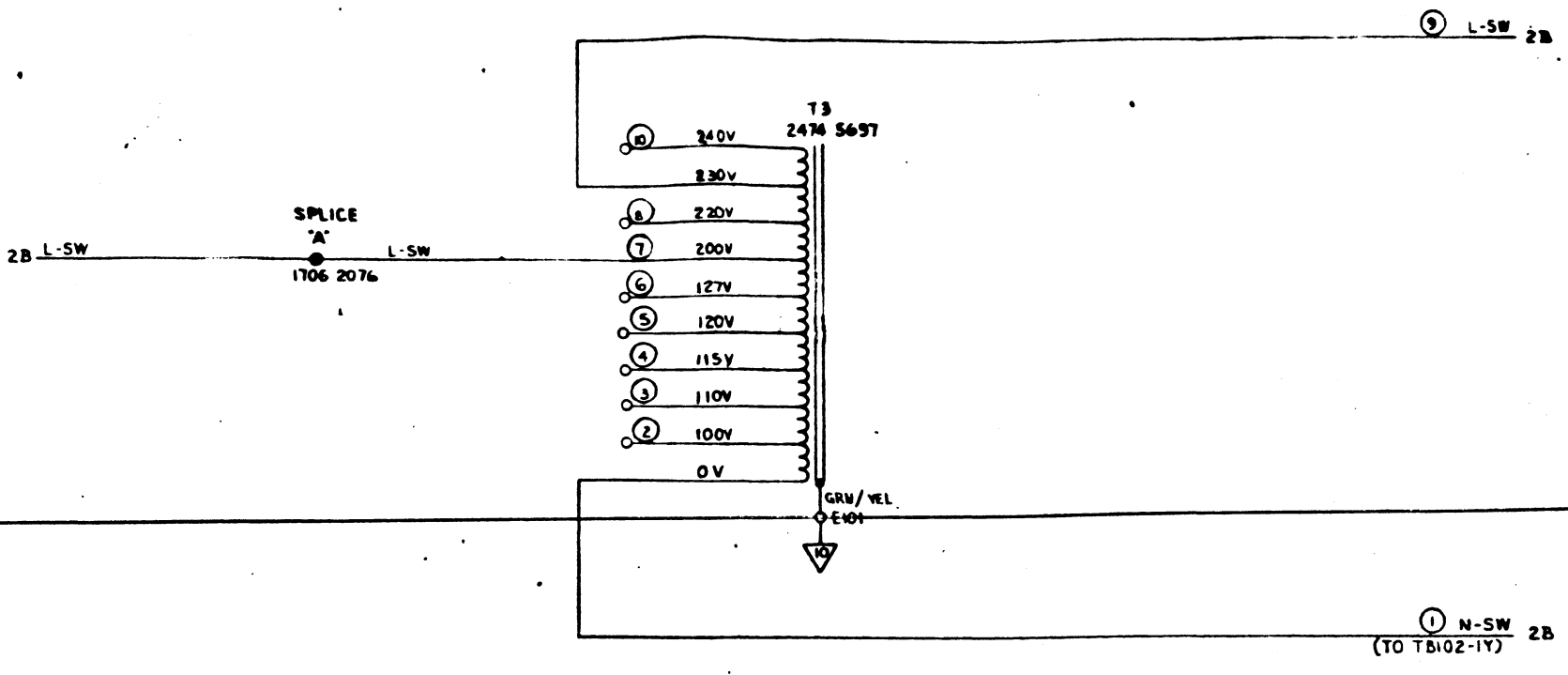
62048 AMENDED
PLYMOUTH DESIGN DEVIATION
PROJECT 56702
GROUP 1392 AMENDED
DATE 3-16-78

THIS PAGE FOR B80-30/40 AND B80-70 MACHINES ONLY.

WIRING SCHEMATIC, BASE POWER SUPPLY IAC SECTION.

2795 1425

Page 2B



- NOTES:
1. UNUSED TERMINALS ON T3 AND T4 MUST BE COVERED WITH HOUSING RECEPTACLE 1471 9728 AND TIED BACK WITH 1091 8605 STRAPS
 2. CVT TRANSFORMERS T1&T2 MUST BE CONNECTED FOR 240V AC INPUT

PLYMOUTH DESIGN DEVIATION
 PROJECT 56702
 GROUP 1392
 DATE 12-21-77

62048 AMENDED
 PLYMOUTH DESIGN DEVIATION
 PROJECT 56702
 GROUP 1392 AMENDED
 DATE 9-16-78
 PAGE 2B AFFECTED

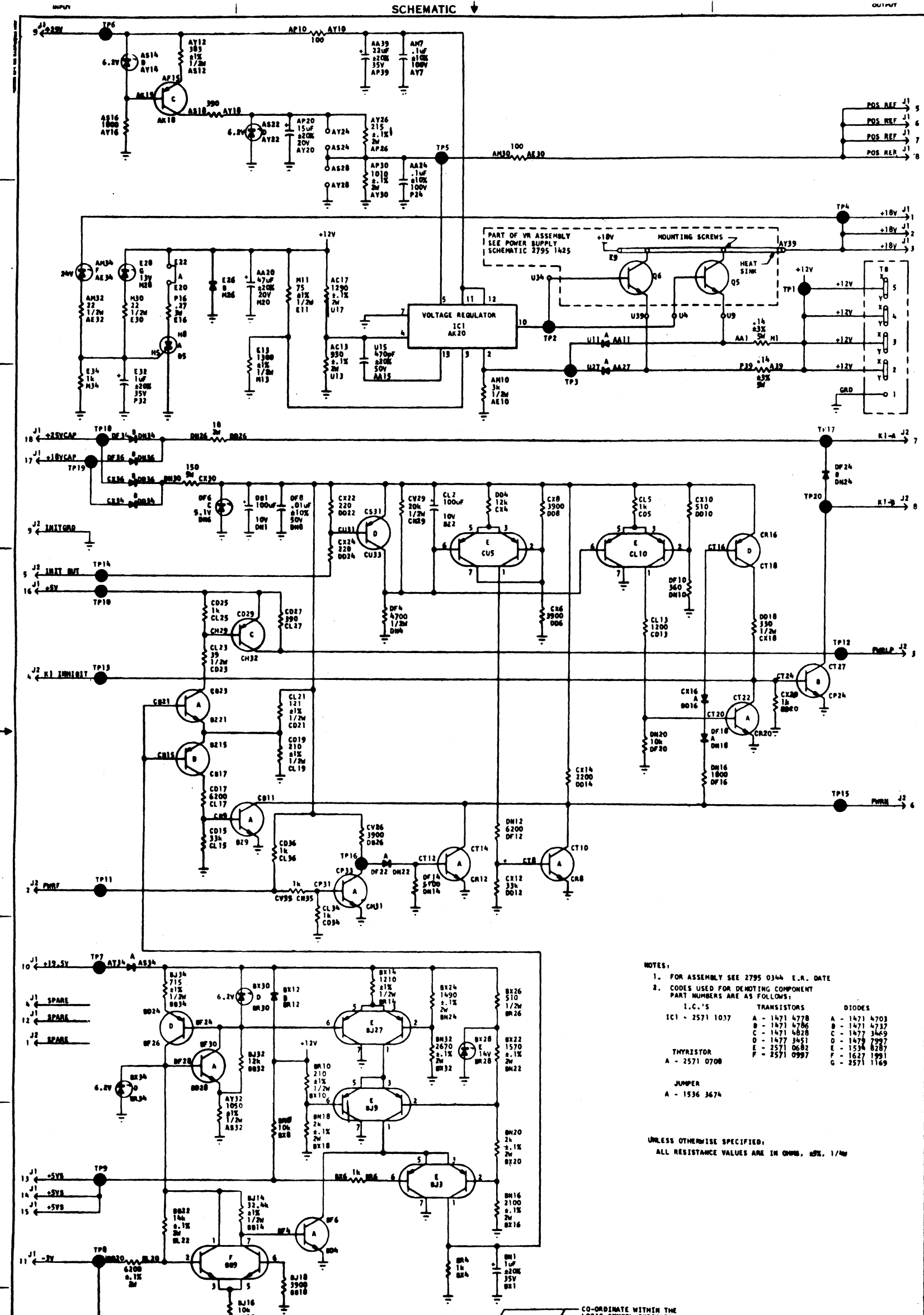
DRAWN BY
 2795 1425
 TYPED BY
 EC

| | | | |
|-----------------------|-----------|--|-----------|
| Burroughs Corporation | | TITLE WIRING SCHEMATIC, BASE POWER SUPPLY AC SECTION | |
| SYSTEM | DATE | DRG NO. | 2795 1425 |
| DRAWN | REVIEWED | APPROVED | PAGE 2C |
| RELEASED | BY LETTER | | |

EI

ORIGINAL

SCHMATIC



- NOTES:
- FOR ASSEMBLY SEE 2795 0344 E.R. DATE
 - CODES USED FOR DENOTING COMPONENT PART NUMBERS ARE AS FOLLOWS:
- | I.C.'S | TRANSISTORS | DIODES |
|-----------------|---------------|---------------|
| IC1 - 2571 1037 | A - 1471 4778 | A - 1471 4703 |
| | B - 1471 4786 | B - 1471 4737 |
| | C - 1471 4828 | C - 1477 3469 |
| | D - 1477 3451 | D - 1479 7987 |
| | E - 2571 0682 | E - 1534 8287 |
| | F - 2571 0997 | F - 1627 1891 |
| | | G - 2571 1169 |
- THYRISTOR
A - 2571 0708
- JUMPER
A - 1536 3674

UNLESS OTHERWISE SPECIFIED,
ALL RESISTANCE VALUES ARE IN OHMS, KΩ, MΩ



2795 0369

1 OF 1

Burroughs Corporation

SMALL SYSTEMS GROUP

PLYMOUTH PLANT

U.S. AMERICA

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

PLANT NO 308

TITLE SCHEMATIC BOARD, +12V REG & CONTROLS

CLASS CODE 29520

DRW N. BRIDFIELD 4-29-76

CHECKED J.M. 5-7-76

APPROVED [Signature]

RELEASED SEP-3-78

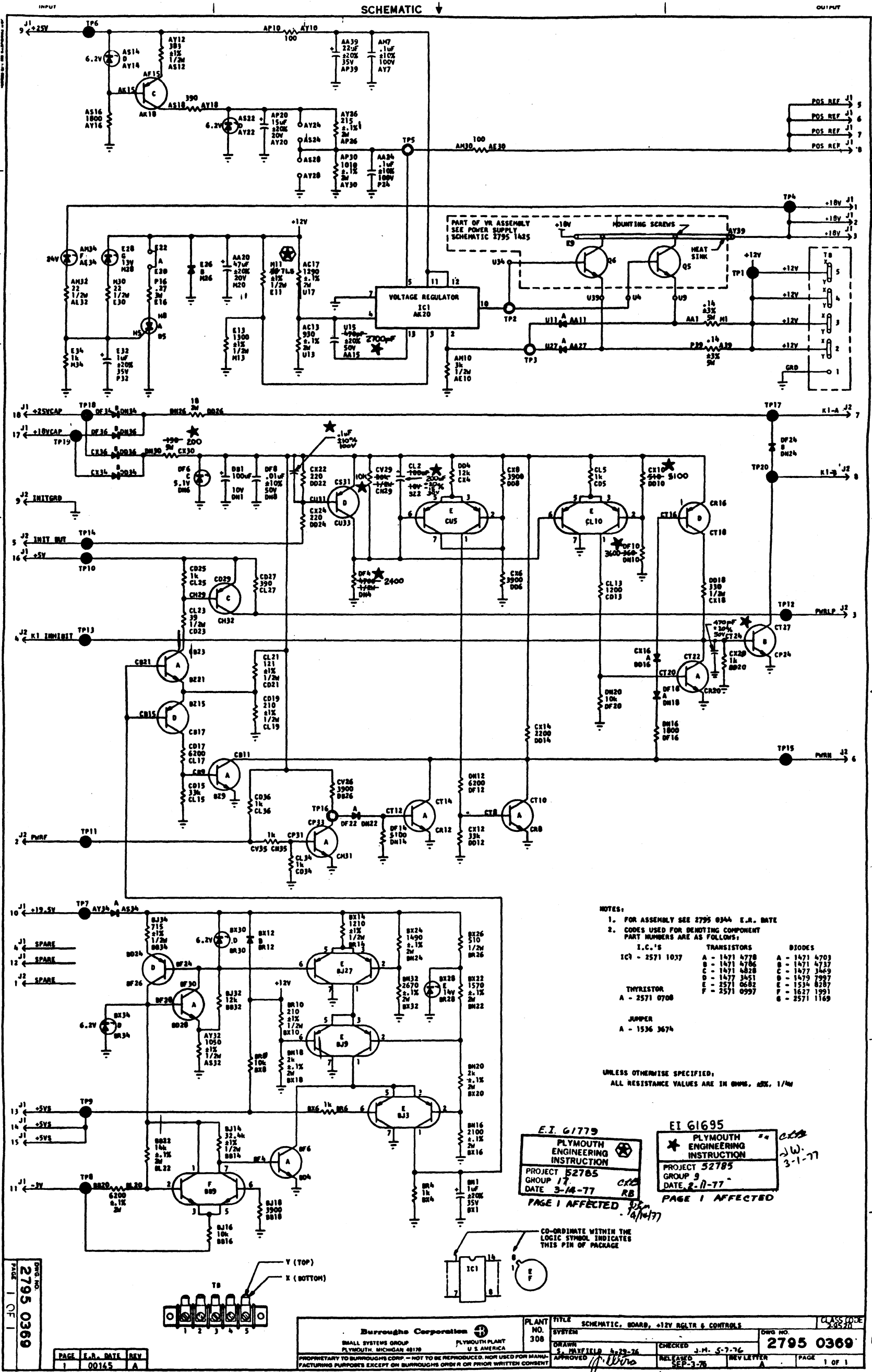
REV LETTER A

2795 0369

PAGE 1 OF 1

BDS-9

DS

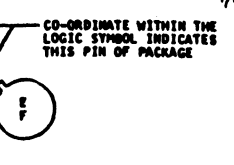


- NOTES:
- FOR ASSEMBLY SEE 2795 0364 E.A. DATE
 - CODES USED FOR IDENTIFYING COMPONENT PART NUMBERS ARE AS FOLLOWS:
- | I.C.'S | TRANSISTORS | DIODES |
|-----------------|---------------|---------------|
| IC1 - 2571 1037 | A - 1471 4778 | A - 1471 4703 |
| | B - 1471 4786 | B - 1471 4737 |
| | C - 1471 4828 | C - 1477 3469 |
| | D - 1477 3451 | D - 1479 7997 |
| THYRISTOR | E - 2571 0682 | E - 1534 6287 |
| A - 2571 0708 | F - 2571 0997 | F - 1627 1991 |
| | | G - 2571 1169 |
- JUMPER
A - 1536 3674

UNLESS OTHERWISE SPECIFIED:
ALL RESISTANCE VALUES ARE IN OHMS, $k\Omega$, $1/M\Omega$

E.I. 61779
PLYMOUTH ENGINEERING INSTRUCTION
PROJECT 52785
GROUP 17
DATE 3-14-77
PAGE 1 AFFECTED

E.I. 61695
PLYMOUTH ENGINEERING INSTRUCTION
PROJECT 52785
GROUP 9
DATE 2-11-77
PAGE 1 AFFECTED



2795 0369
PAGE 1 OF 1

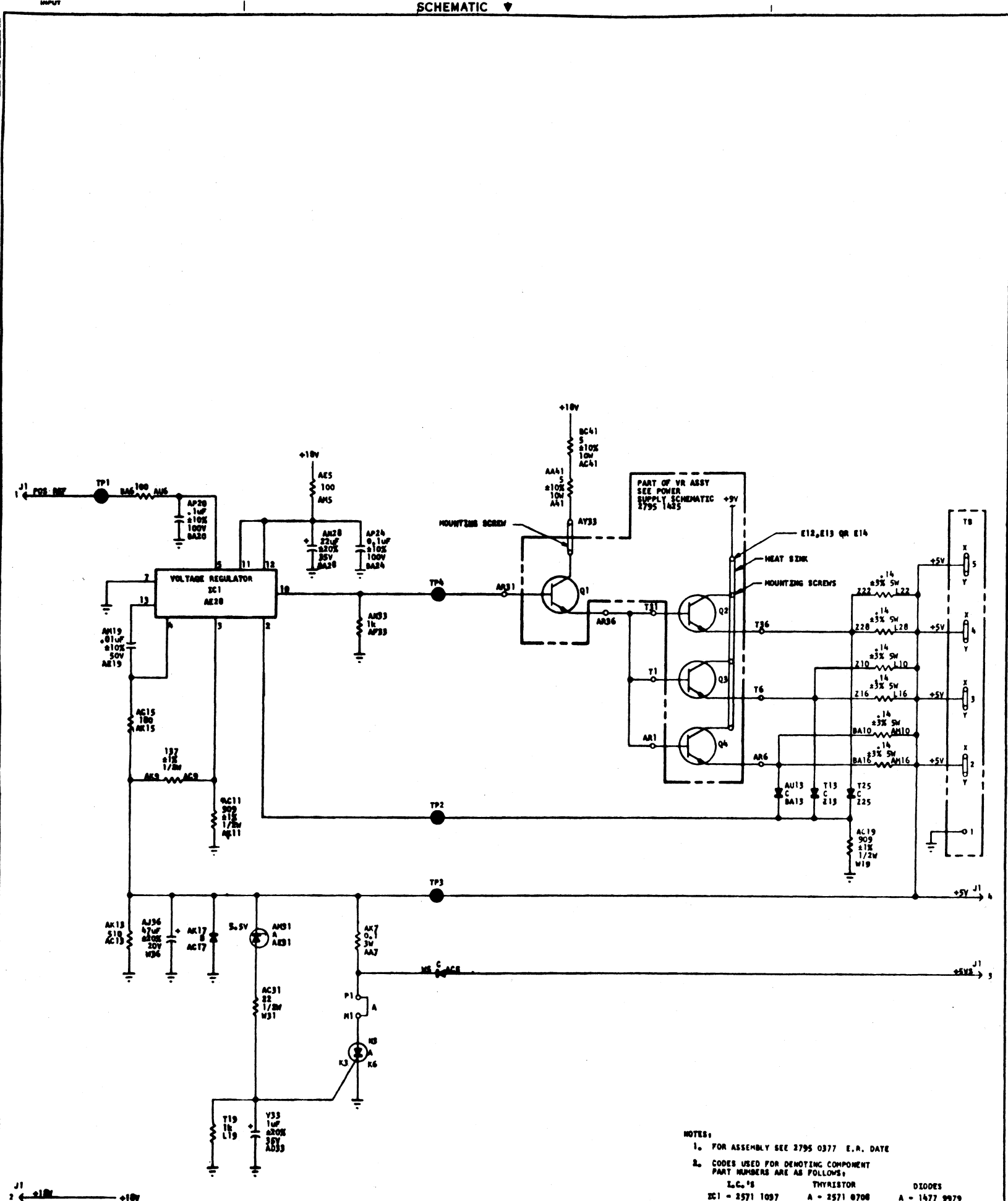
| PAGE | E.A. DATE | REV |
|------|-----------|-----|
| 1 | 00145 | A |

BDS-9

| | | | | |
|--|--|--------------------------------|--|-----------------|
| Burrhus Corporation | | PLANT NO. 308 | FILE SCHEMATIC, BOARD, +12V REGTR & CONTROLS | CLASS CODE 2795 |
| SMALL SYSTEMS GROUP PLYMOUTH, MICHIGAN 48178 | | PLYMOUTH PLANT U.S. AMERICA | DWG NO. 2795 0369 | |
| PROPRIETARY TO BURRUS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURRUS OVEN R OR PRIOR WRITTEN CONSENT | | APPROVED <i>[Signature]</i> | CHECKED J.M. 5-7-76 | REV LETTER A |
| | | RELEASED SEP-3-76 | | PAGE 1 OF 1 |

EI

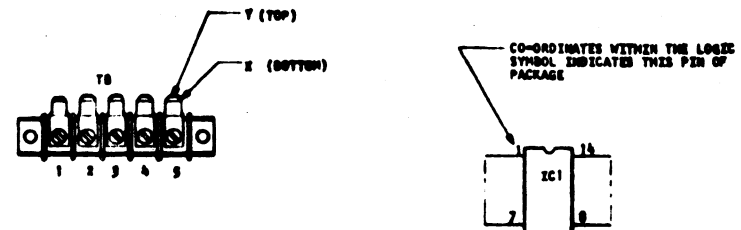
SCHEMATIC



NOTES:
 1. FOR ASSEMBLY SEE 2795 0377 E.R. DATE
 2. CODES USED FOR DENOTING COMPONENT PART NUMBERS ARE AS FOLLOWS:
 L.C.'S THYRISTOR DIODES
 IC1 - 2571 1097 A - 2571 0700 A - 1677 9979
 B - 4471 4337 C - 1671 4708

JUMPER
 A - 1536 3674

UNLESS OTHERWISE SPECIFIED,
 ALL RESISTANCE VALUES ARE IN OHMS, KΩ, MΩ

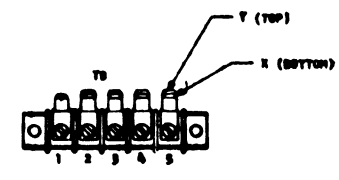
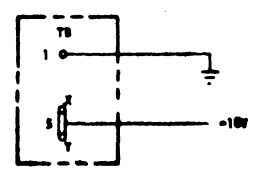
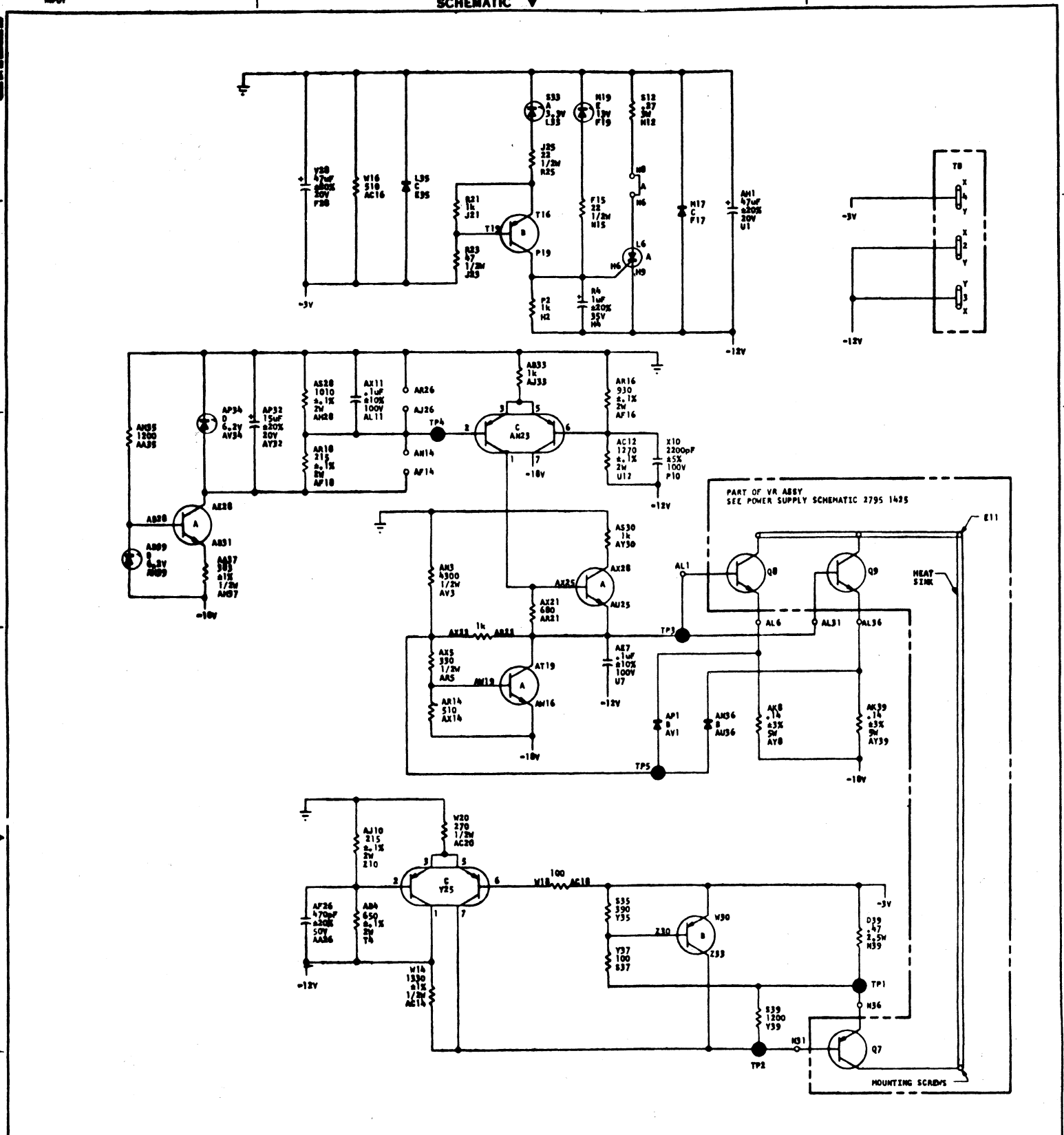


DWG NO. 2795 0393
 TAB 1 OF 1

| PAGE | E.R. DATE | REV |
|------|-----------|-----|
| 1 | 00149 | A |

| | | | | |
|--|--|---|---|-------------------|
| Burrage Corporation SMALL SYSTEMS GROUP PLYMOUTH, MICHIGAN 48178 | | PLANT NO. 308 PLYMOUTH PLANT U.S. AMERICA | TITLE SCHEMATIC, BOARD, +5V RGLTR SYSTEM | CLASS CODE 2-9520 |
| APPROVED [Signature] | | CHECKED [Signature] | DATE 6-27-76 | DWG NO. 2795 0393 |
| PROPERTY TO BURROUGHS CORP - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | RELEASED SEP-3-76 | REV LETTER A | PAGE 1 OF 1 |

SCHEMATIC



COORDINATE WITHIN GRAPHIC SYMBOL INDICATES THIS PIN OF PACKAGE.

- NOTES:
- FOR ASSEMBLY SEE 2795 0410 E.R. DATE
 - CODES USED FOR DENOTING COMPONENT PART NUMBERS ARE AS FOLLOWS:
- | TRANSISTORS | DIODES | THYRISTOR |
|---------------|---------------|---------------|
| A - 1471 4786 | A - 1110 2373 | A - 2571 0708 |
| B - 1471 4828 | B - 1471 4709 | |
| C - 2571 0682 | C - 1471 4737 | |
| | D - 1471 7227 | |
| | E - 2571 1169 | |
- JUMPER
A - 1536 3674

UNLESS OTHERWISE SPECIFIED:
ALL RESISTANCE VALUES ARE IN OHMS, OHM, 1/W

FORM NO. 2795 0427
PAGE 1 OF 1

| DATE | REV. | BY |
|-------|------|----|
| 00115 | A | |

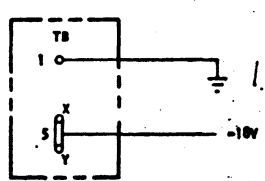
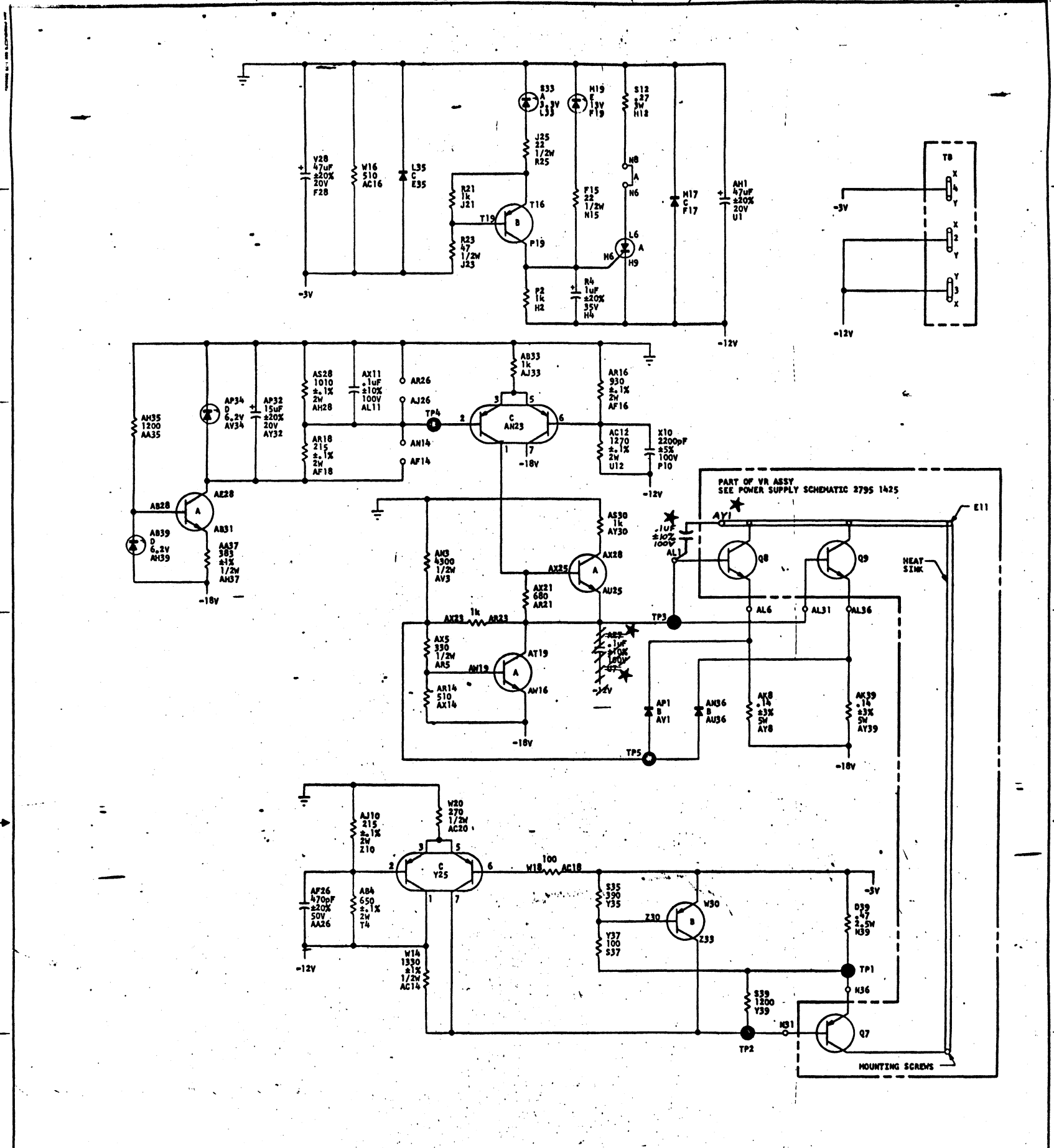
805-10

| | | | | |
|---|--|--------------------------------|---|-------------------|
| Barragante Corporation SMALL SYSTEMS GROUP PLYMOUTH (MICHIGAN 6019) | | PLANT NO. 308 | TITLE: SCHEMATIC, BOARD, -3V & -12V RGLTR | CLASS CODE |
| PROPERTY TO BARRAGANTE CORP. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BARRAGANTE ORDER OR PRIOR WRITTEN CONSENT | | DESIGNER: SA. PARFIELD 8-16-76 | CHECKED: J.M.H. 8-7-76 | DWG NO. 2795 0427 |
| | | APPROVED: J.W.S. | RELEASED: SEP-3-76 | REV. LETTER: A |

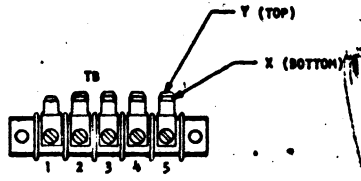
PAGE 1 OF 1

SCHMATIC

OUTPUT



EI 61810
 PLYMOUTH ENGINEERING INSTRUCTION
 PROJECT 52785
 GROUP 20
 DATE 4-15-77
 SHEET 1 AFFECTED



CO-ORDINATE WITH GRAPHIC SYMBOL INDICATES THIS PIN OF PACKAGE.

- NOTES:
- FOR ASSEMBLY SEE 2795 0401 E.R. DATE
 - CODES USED FOR DENOTING COMPONENT PART NUMBERS ARE AS FOLLOWS:
- | TRANSISTORS | DIODES | THYRISTOR |
|---------------|---------------|---------------|
| A - 1471 4786 | A - 1110 2373 | A - 2571 0708 |
| B - 1471 4828 | B - 1471 4703 | |
| C - 2571 0682 | C - 1471 4737 | |
| | D - 1479 7937 | |
| | E - 2571 1169 | |
- JUMPER
 A - 1536 3674

UNLESS OTHERWISE SPECIFIED:
 ALL RESISTANCE VALUES ARE IN OHMS, ±5%, 1/4W

2795 0427
 1 OF 1

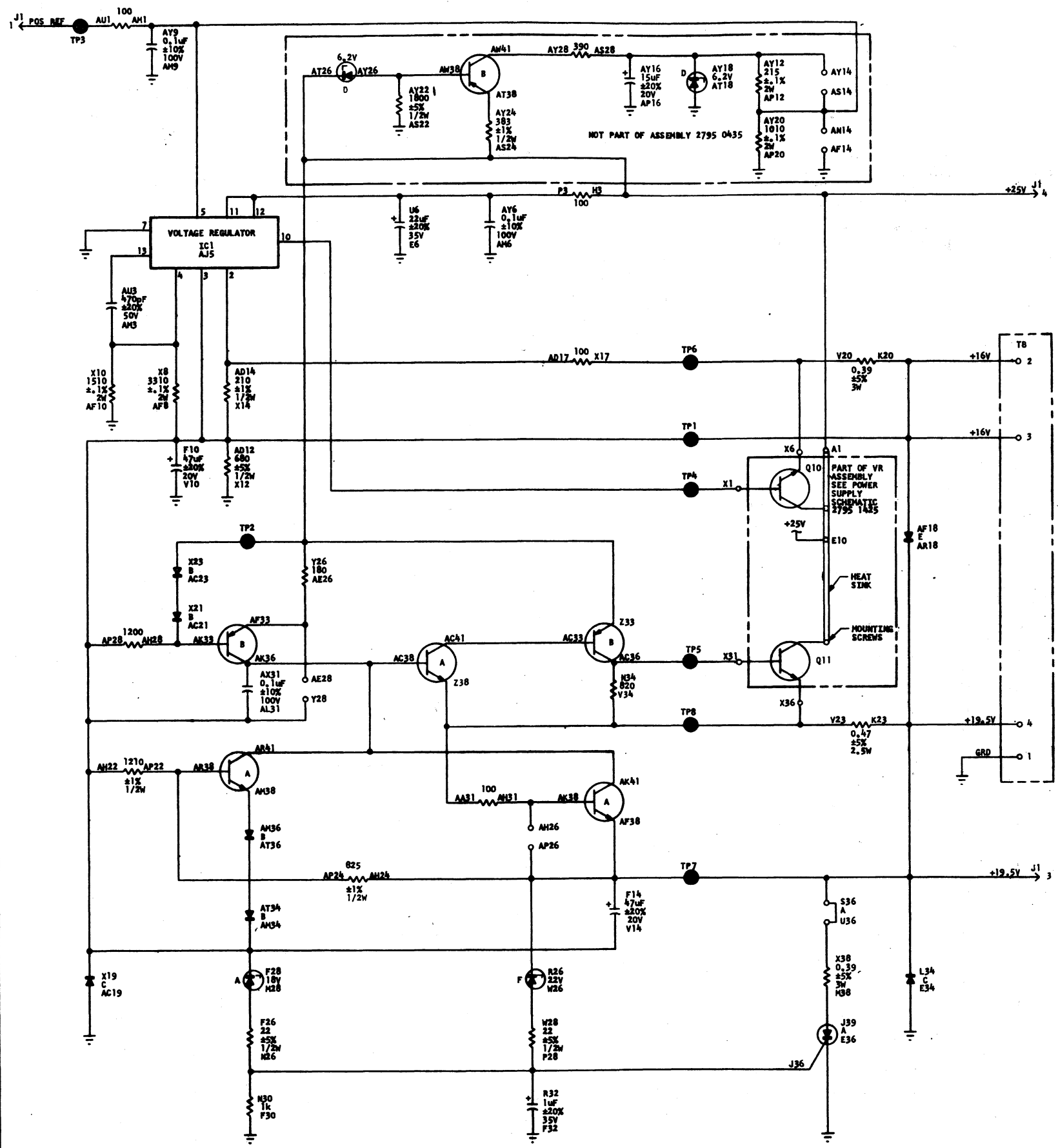
| PAGE | E.R. | DATE | REV |
|------|------|-------|-----|
| 1 | | 00125 | A |

| | | | | | |
|--|--|---|--|---|--|
| Burroughs Corporation SMALL SYSTEMS GROUP PLYMOUTH, MICHIGAN 48170 | | PLANT NO. 308 PLYMOUTH PLANT U.S. AMERICA | TITLE SCHEMATIC, BOARD, -3V & -12V RGLTR SYSTEM DRAWN S. MAXFIELD 4-26-76 APPROVED J. WCB | CHECKED J. Hill 5-7-76 RELEASED SEP-3-76 REV LETTER A | CLASS CODE 2-3520 DWG. NO. 2795 0427 PAGE 1 OF 1 |
|--|--|---|--|---|--|

BDS-10

EI

SCHEMATIC

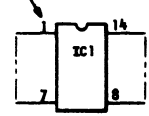
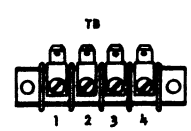


J1 SPARE

- NOTES:
- FOR ASSEMBLY SEE 2795 0435 E.R. DATE
 - CODES USED FOR DEMOWING COMPONENT PART NUMBERS ARE AS FOLLOWS:
- | I.C.'S | TRANSISTORS | DIODES |
|-----------------|---------------|---------------|
| IC1 - 2571 1037 | A - 1471 4786 | A - 1111 4576 |
| | B - 1471 4828 | B - 1471 4703 |
| | | C - 1471 4757 |
| | | D - 1479 7997 |
| | | E - 1526 7271 |
| | | F - 1627 1835 |
- THYRISTOR
A - 2571 0708
- JUMPER
A - 1536 3674

UNLESS OTHERWISE SPECIFIED:
ALL RESISTANCE VALUES ARE IN OHMS, ±5%, 1/4W

CO-ORDINATES WITHIN THE LOGIC SYMBOL INDICATES THIS PIN OF PACKAGE



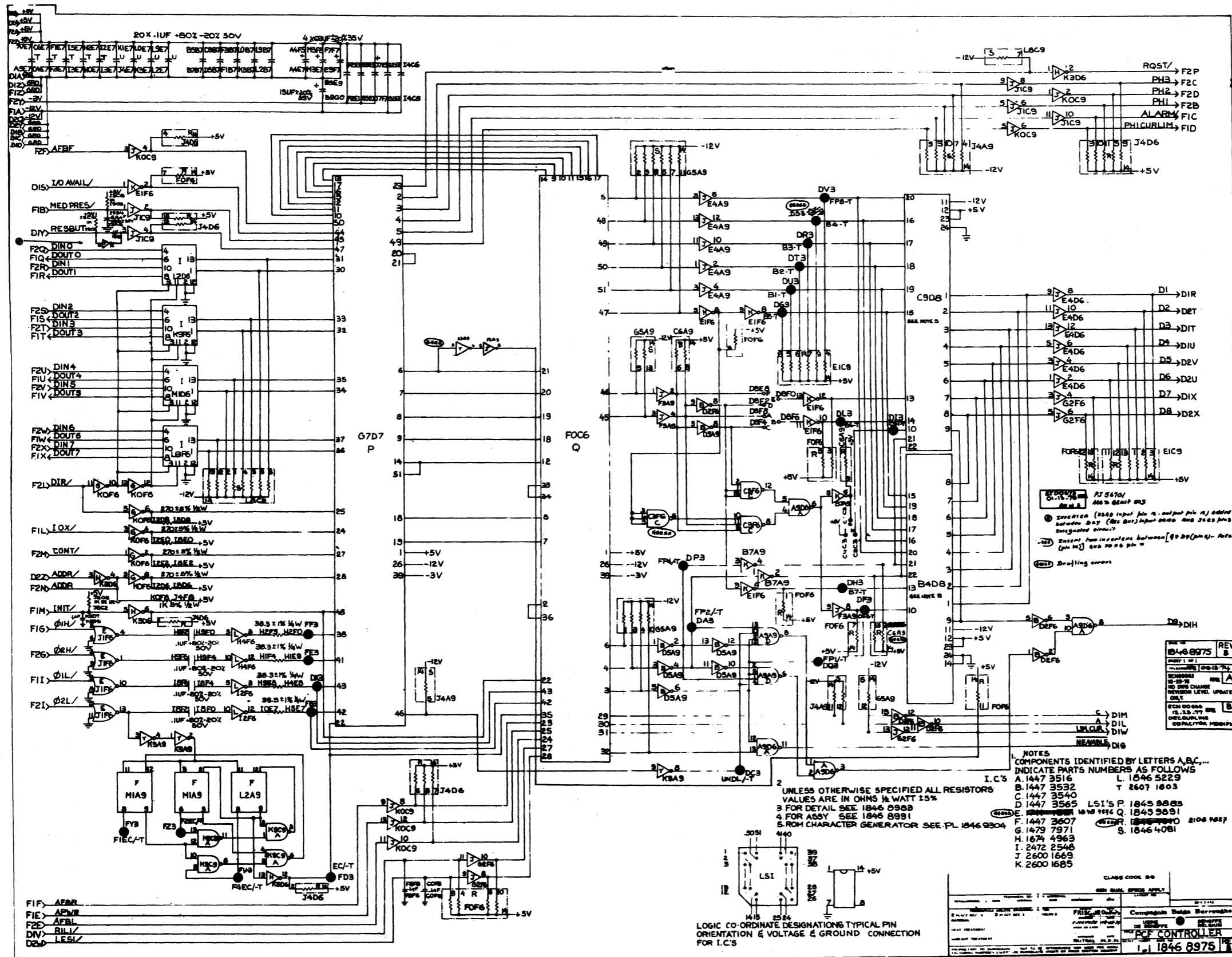
DRAWING NO. 2795 0450
PAGE 1 OF 1

| PAGE | E.R. DATE | REV |
|------|-----------|-----|
| 1 | 00165 | A |

RDS-R

| | | | | |
|--|--|-----------------------|---|--------------------|
| Burrage Corporation SMALL SYSTEMS GROUP PLYMOUTH PLANT PLYMOUTH, MASSACHUSETTS U.S. AMERICA | | PLANT NO. 308 | TITLE SCHEMATIC, BOARD, +16V & +19.5V RGLTR | CLASS CODE 2-9521 |
| PROPERTY TO BURRAGE CORP. - NOT TO BE REPRODUCED, FOR UNLESS FOR MANUFACTURING PURPOSES EXCEPT ON BURRAGE ORDER OR PRIOR WRITTEN CONSENT | | DRAWN KOB/TRE/4-27-76 | CHECKED J.MULL/S.M.W. | DWG. NO. 2795 0450 |
| | | APPROVED [Signature] | RELEASED [Signature] | REV LETTER A |

PAGE 1 OF 1



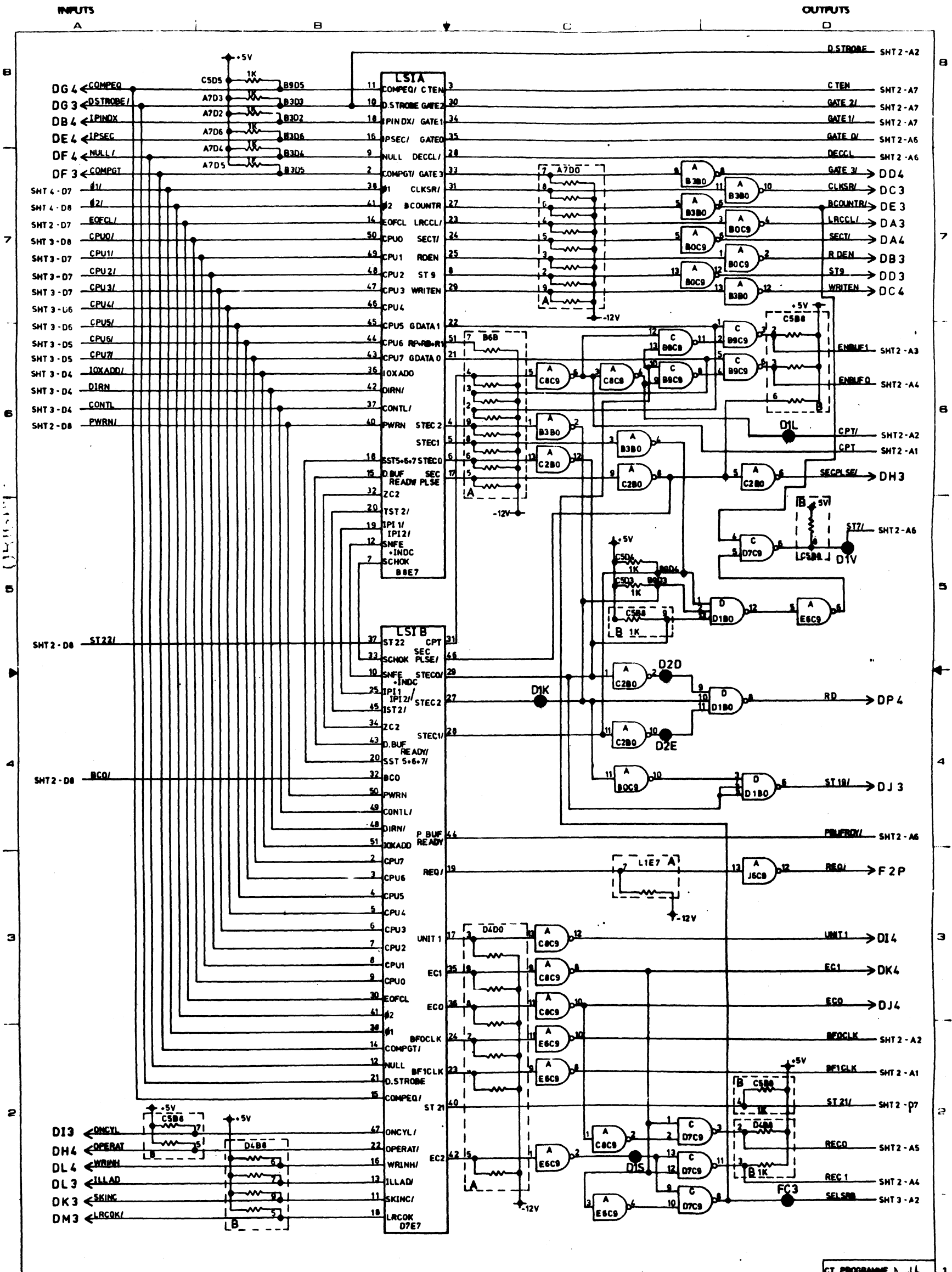
NOTES:
 1. COMPONENTS IDENTIFIED BY LETTERS A, B, C, ...
 INDICATE PARTS NUMBERS AS FOLLOWS
 A. 1447 3516 L. 1046 5229
 B. 1447 3532 T. 2607 1803
 C. 1447 3540
 D. 1447 3565 LS1'S P. 1845 9888
 E. 1447 3607 Q. 1845 9891
 F. 1479 7971
 G. 1674 4963
 H. 1674 4963
 I. 2472 2548
 J. 2600 1669
 K. 2600 1685

UNLESS OTHERWISE SPECIFIED ALL RESISTORS
 VALUES ARE IN OHMS 1/2 WATT 15%
 3 FOR DETAIL SEE 1846 8983
 4 FOR ASSY SEE 1846 8991
 5 FROM CHARACTER GENERATOR SEE PL 1846 9304

LOGIC CO-ORDINATE DESIGNATIONS TYPICAL PIN
 ORIENTATION & VOLTAGE & GROUND CONNECTION
 FOR I.C.'S

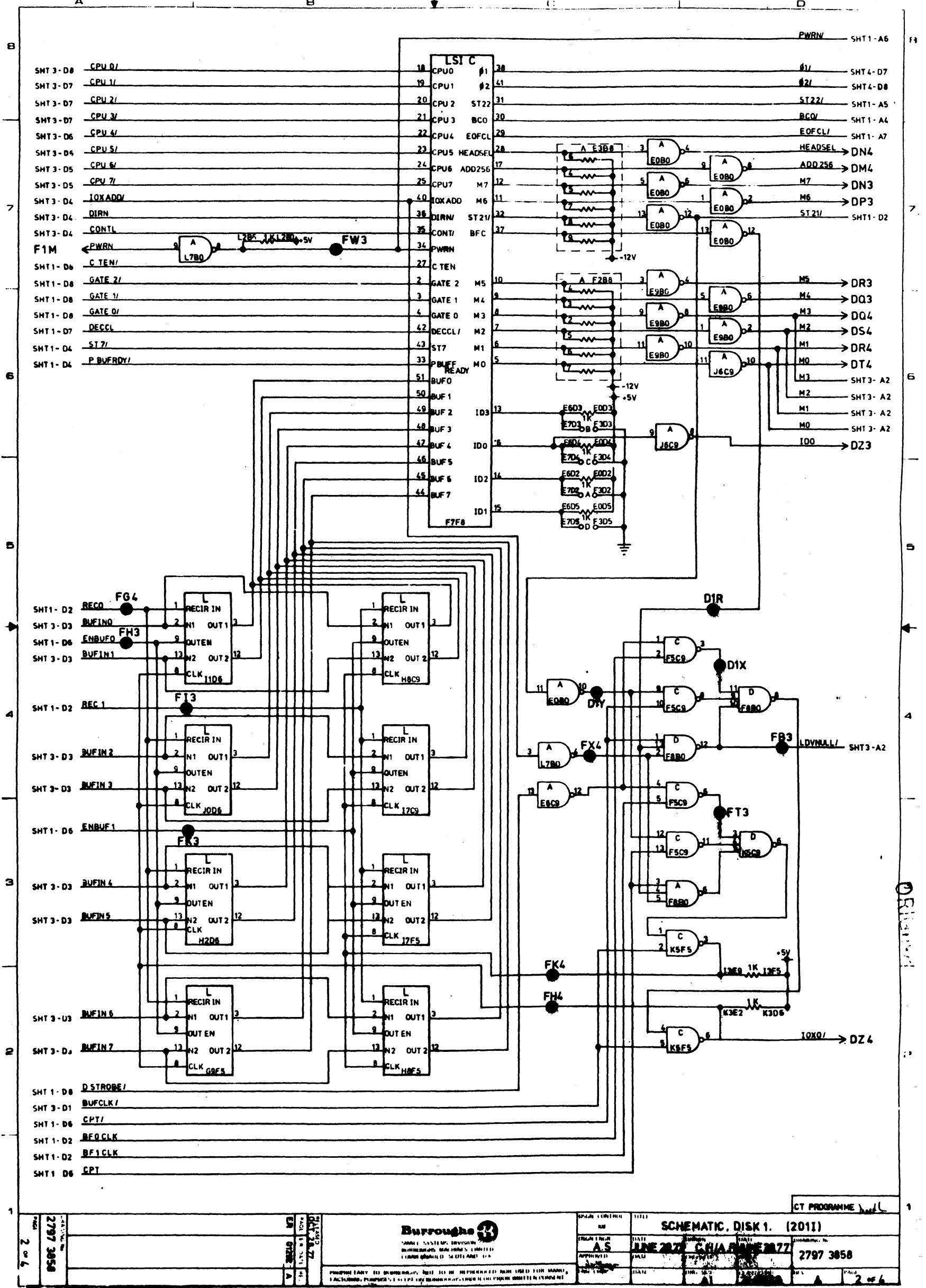
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|-----|----------|
| 8 | 10-15-77 |
| 7 | 10-15-77 |
| 6 | 10-15-77 |
| 5 | 10-15-77 |
| 4 | 10-15-77 |
| 3 | 10-15-77 |
| 2 | 10-15-77 |
| 1 | 10-15-77 |

| | |
|---|--|
| CLASS CODE 90 | |
| USE QUAL SPECIES APPLY | |
| COMPONENTS IDENTIFIED BY LETTERS A, B, C, ... | |
| INDICATE PARTS NUMBERS AS FOLLOWS | |
| A. 1447 3516 L. 1046 5229 | |
| B. 1447 3532 T. 2607 1803 | |
| C. 1447 3540 | |
| D. 1447 3565 LS1'S P. 1845 9888 | |
| E. 1447 3607 Q. 1845 9891 | |
| F. 1479 7971 | |
| G. 1674 4963 | |
| H. 1674 4963 | |
| I. 2472 2548 | |
| J. 2600 1669 | |
| K. 2600 1685 | |
| REV 8 | |
| 1846 8975 | |



INPUTS

OUTPUTS



SCHEMATIC, DISK 1. (2011)

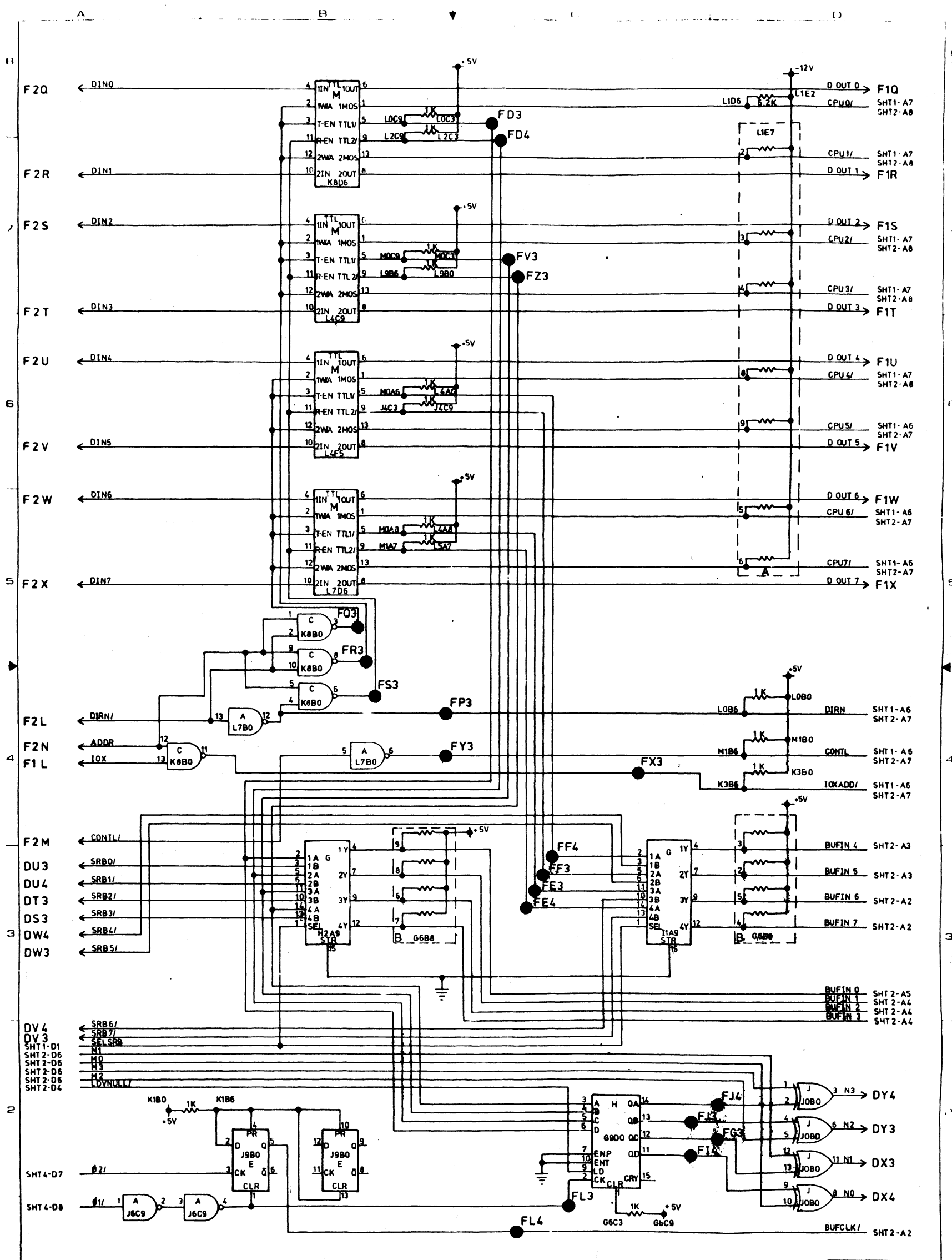
2797 3858

CT PROGRAMME

2797 3858

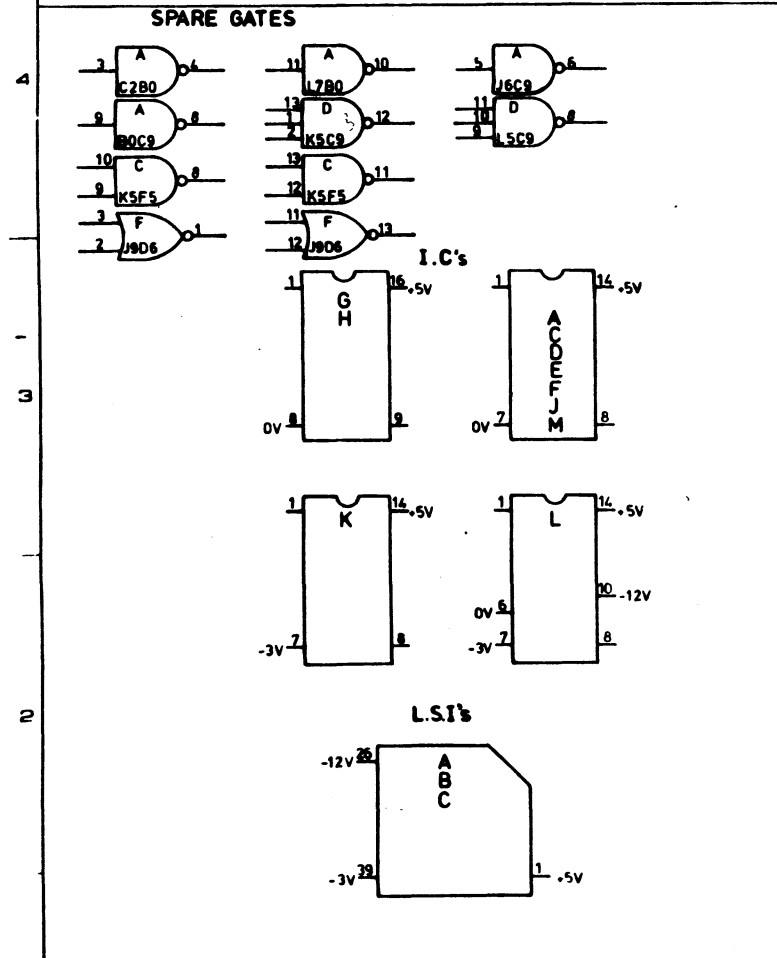
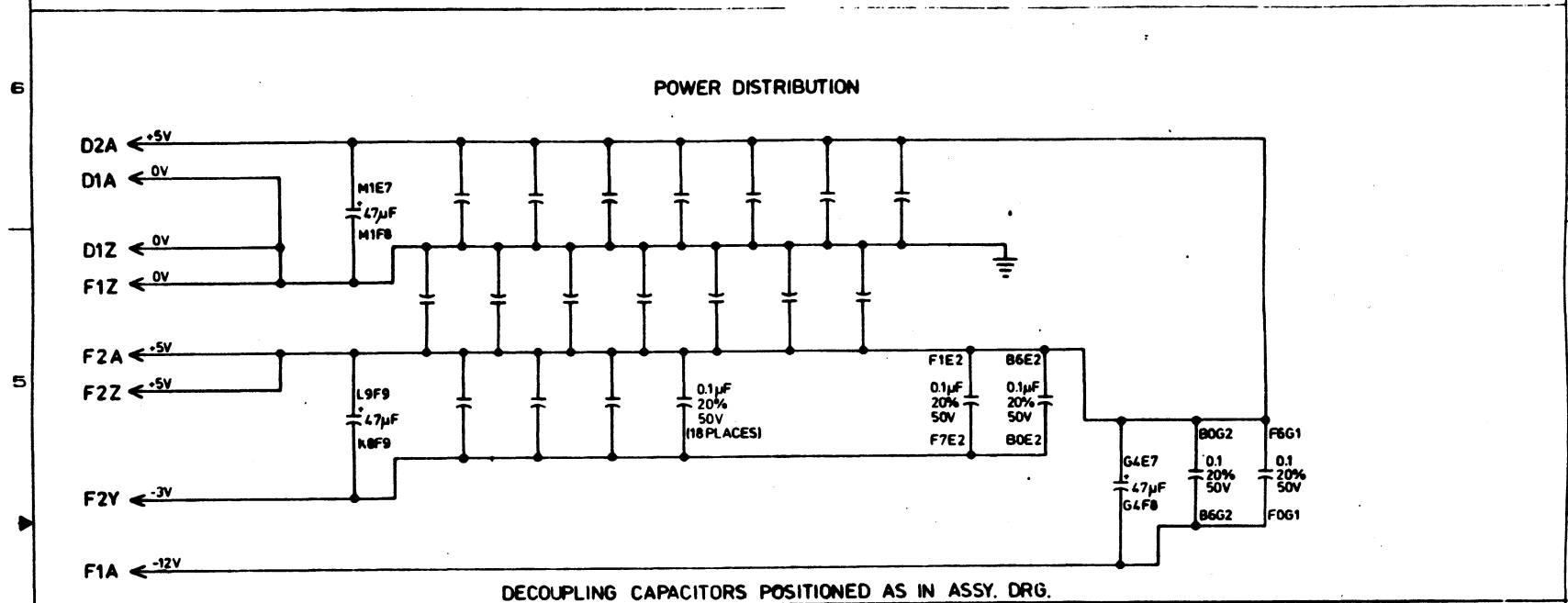
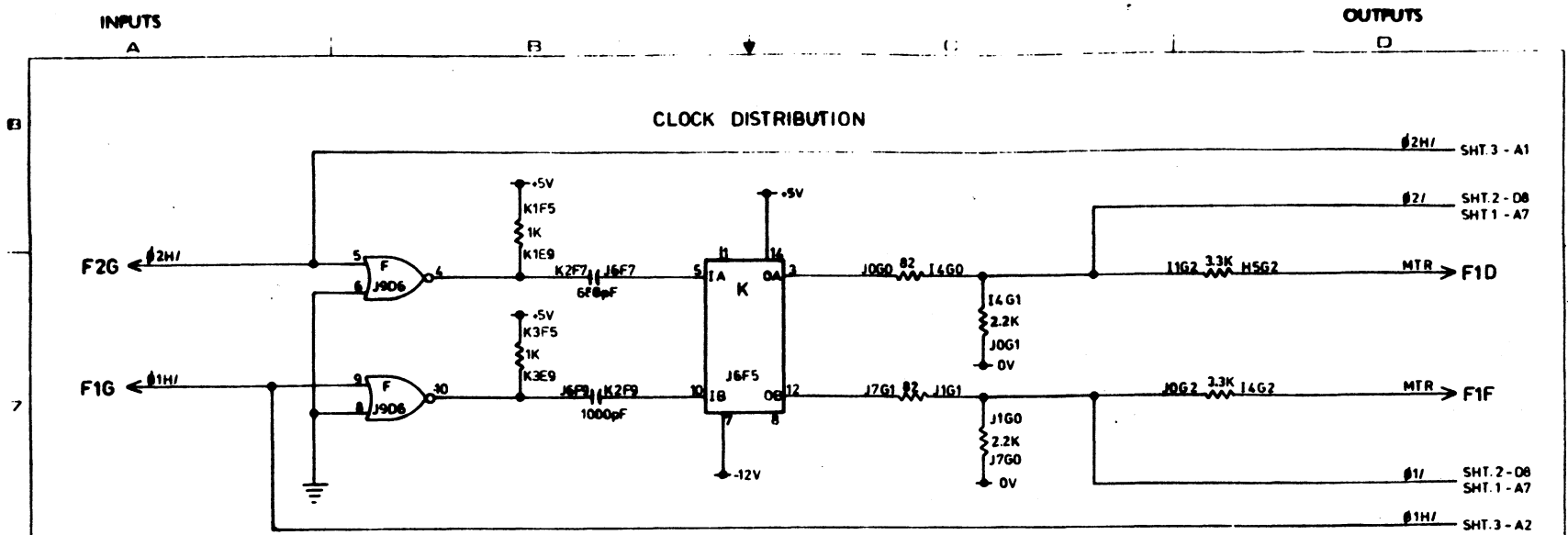
2 of 4

2 of 4



CT PROGRAMME *Dredd*

| | | | | | |
|----------------------|--|---|---|---|---|
| 2797 3858 3" x 4" | BURROUGHS 5000 BURROUGHS CORPORATION 10000 BURROUGHS AVENUE ANN ARBOR, MICHIGAN 48106 U.S.A. | SCHEMATIC, DISK 1 (2011) | JUN 29 1977 CH/AR JUN 29 1977 | 2797 3858 | |
| | DATE: OCT 28 1977 DRAWN: [Blank] CHECKED: [Blank] | DATE: [Blank] DRAWN: [Blank] CHECKED: [Blank] | DATE: [Blank] DRAWN: [Blank] CHECKED: [Blank] | DATE: [Blank] DRAWN: [Blank] CHECKED: [Blank] | DATE: [Blank] DRAWN: [Blank] CHECKED: [Blank] |
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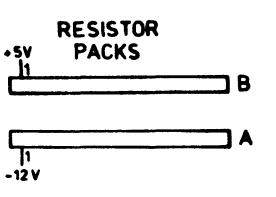


NOTES:-
 1. FOR T.T.L. ASSY. SEE- 2797 3817
 2. CODES USED FOR COMPONENT PART NOS. ARE AS FOLLOWS:-

| IC's | | LSI's | | RESISTOR PACKS | |
|------|--------------------|-------|-----------|----------------|----------------|
| A | SN 7404 | A | 2574 3162 | A | 6.2K 2571 9923 |
| B | SN 7400 | B | 2574 3170 | B | 1K 2571 9915 |
| C | SN 7410 | C | 2574 3188 | | |
| D | SN 7474 | | | | |
| E | SN 74128 | | | | |
| F | SN 74157 | | | | |
| G | SN 74161 | | | | |
| H | SN 74161 | | | | |
| J | SN 7486 | | | | |
| K | MH 0026 | | | | |
| L | MOS SHIFT REGISTER | | | | |
| M | TX/PX | | | | |

3. UNLESS OTHERWISE SPECIFIED RESISTANCE VALUES ARE IN OHMS.

| DISK | NO OF CONTROLLERS | LINKS | |
|---------|-------------------|------------|------------|
| | | IN | OUT |
| 9489-1 | 1 | — | A, B, C, D |
| 9489-21 | | A, D | B, C |
| 9489-11 | | D | A, B, C |
| 9489-11 | | A | B, C, D |
| 9489-2 | | B | A, C, D |
| 9489-22 | | A, B, D | C |
| 9489-12 | | B, D | A, C |
| 9489-12 | | A, B | C, D |
| 9493-18 | | A, B, C, D | — |
| 9493-9 | | A, C, D | B |
| 9493-28 | 2 | 1 | A, B, C, D |
| | | 2 | A, C, D |
| 9493-37 | 2 | 1 | A, B, C, D |
| | | 2 | A, B, C, D |



INPUTS

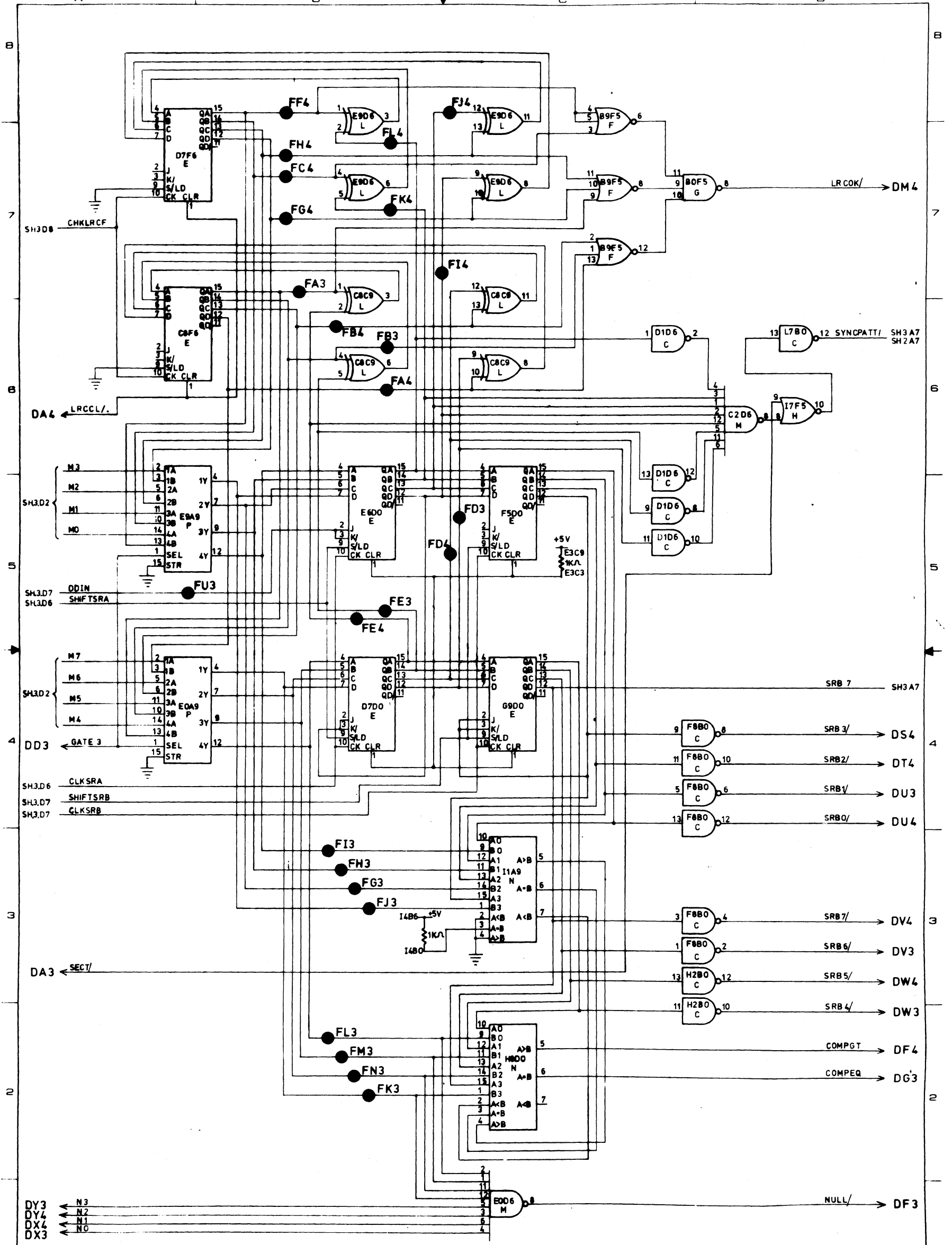
OUTPUTS

A

B

C

D



C.T. PROGRAMME

| | | |
|--------------------------|------------|----------------|
| DISK 2 SCHEMATIC (201 I) | | |
| DATE OCT.13.77 | DRAWN L.F. | DATE OCT.13.77 |
| 2797 3866 | | |
| CLASS CODE 2-9502 | REV A | PAGE 1 OF 4 |



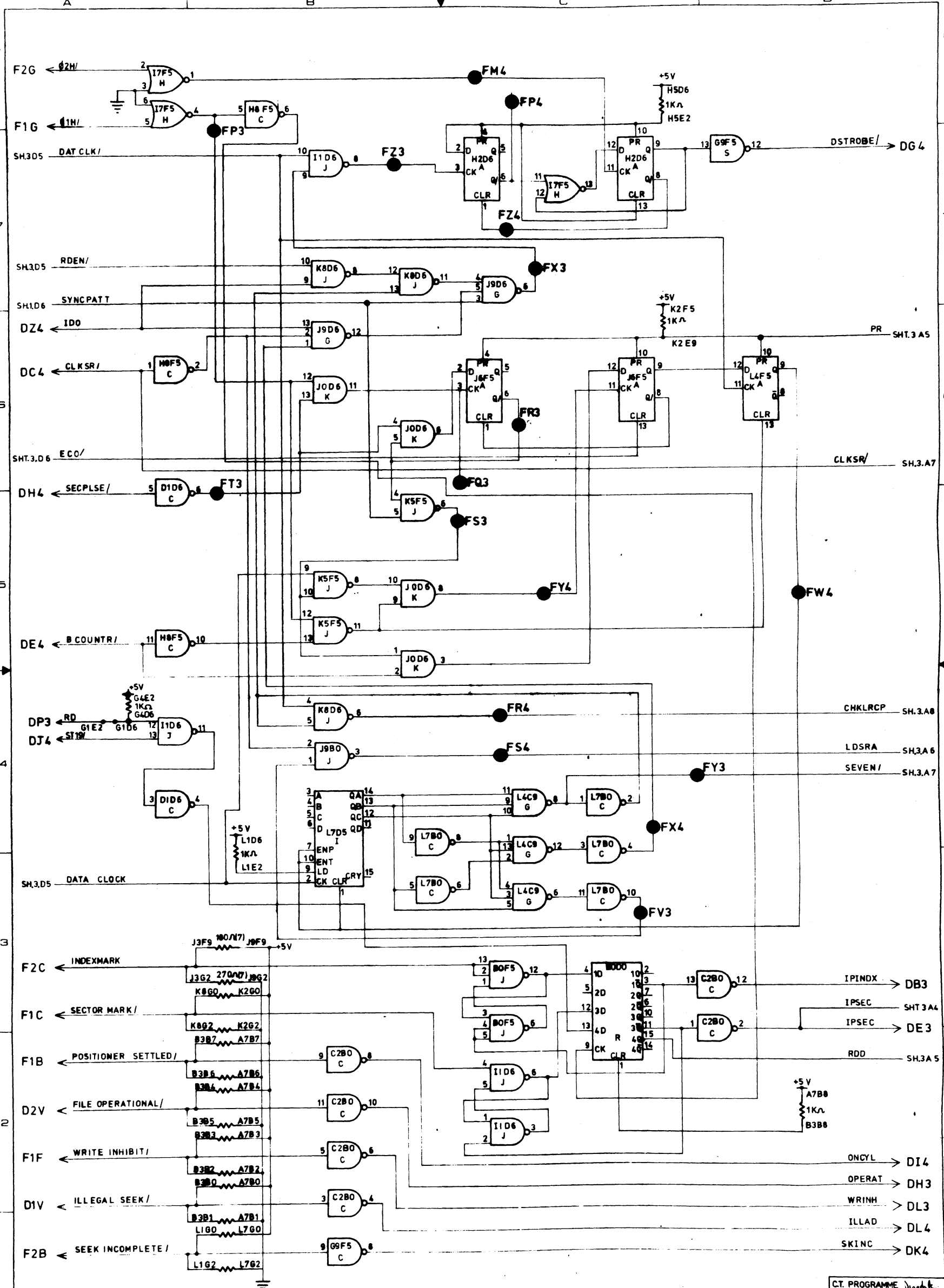
SMALL SYSTEMS DIVISION
BURROUGHS MACHINES LIMITED
CUMBERNAULD SCOTLAND U.K.

PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

| | | |
|-----------|---------|----------------|
| 2797 3866 | ER 0792 | RELEASED 08.77 |
| | | |

INPUTS
A

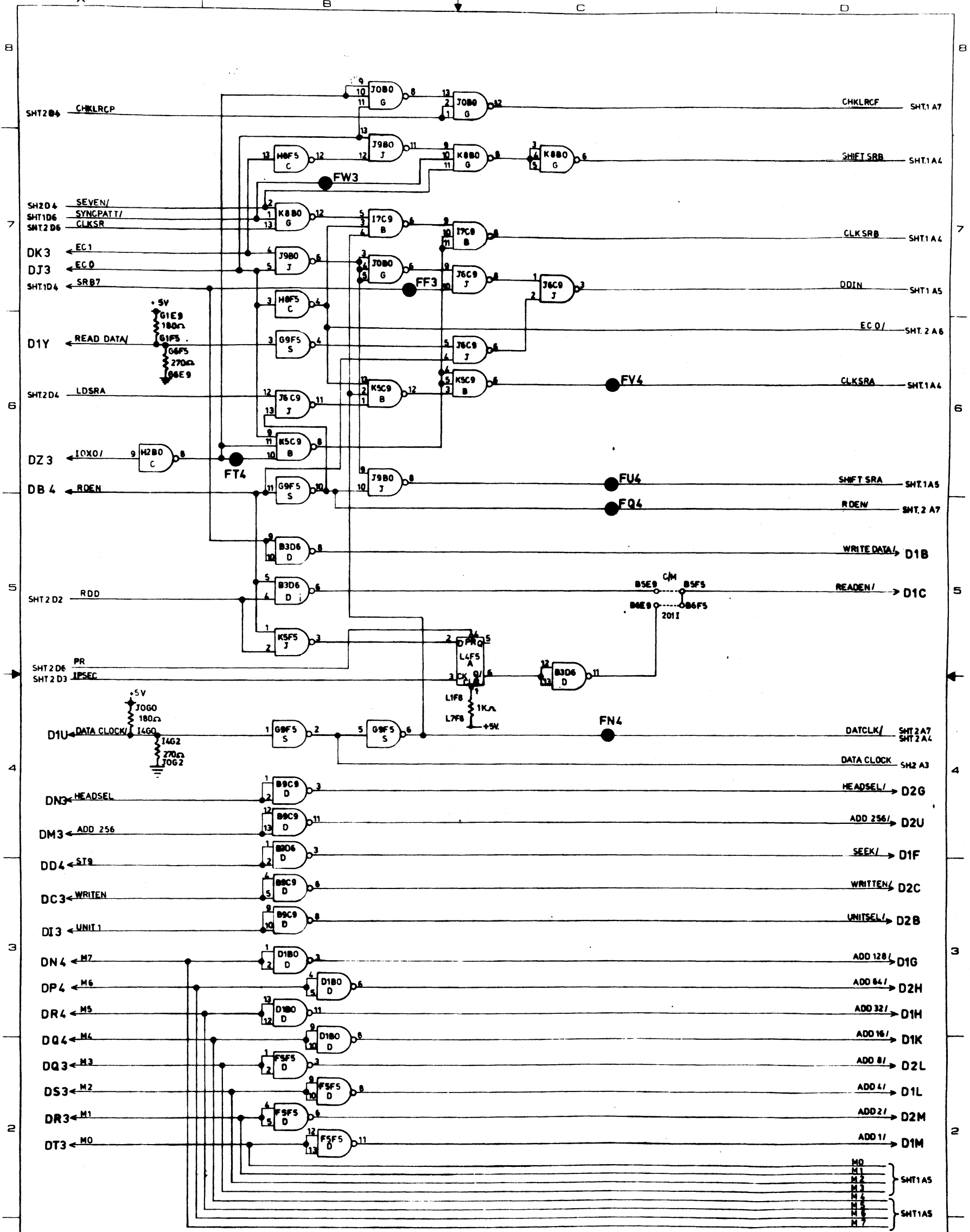
OUTPUTS
D



| | | | |
|---|---|---------------------------------|------------------------------------|
| Burroughs <small>SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K.</small> | | DISK 2 SCHEMATIC (201 I) | |
| <small>DESIGN CONTROL</small> JOB: _____ DATE: _____ DRAWN: _____ CHECKED: _____ DATE: _____ DRG SIZE: _____ CLASS CODE: _____ | <small>DATE</small> OCT. 13, 77 | <small>DRAWN</small> L.F. | <small>DATE</small> OCT. 13, 77 |
| <small>PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT</small> | <small>DRAWING NO.</small> 2797 3866 | <small>REV</small> A | <small>PAGE</small> 2 of 4 |

INPUTS

OUTPUTS

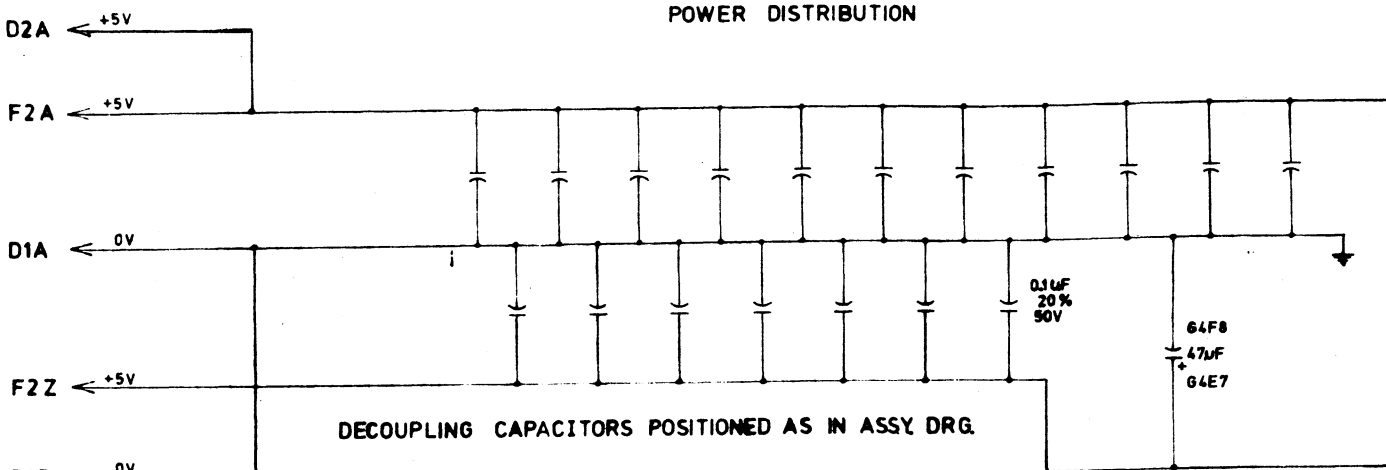


CT PROGRAMME *[Signature]*

| | | | | | |
|--------------------------|---|---|-----------------|-----------------------|------------|
| 2797 3866 PAGE 3 OF 4 | BURROUGHS SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CLERMONT, SCOTLAND, U.K. | DISK 2 SCHEMATIC (2011) | | DRAWING NO. 2797 3866 | |
| | | DATE OCT. 13 77 | DRAWN P.M. LEOD | DATE SEP. 6 77 | CHECKED |
| | | DATE | DATE | DATE | DATE |
| ER 0788 A | RELEASED OCT 28 77 | PROPRITARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | DATE | DRG. SIZE A1 | CLASS CODE |

INPUTS

OUTPUTS



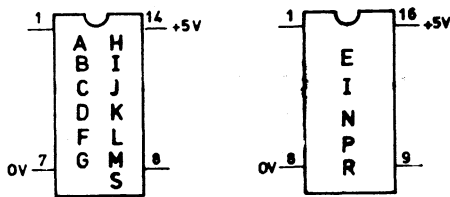
DECOUPLING CAPACITORS POSITIONED AS IN ASSY DRG.

- D2A ← +5V
- F2A ← +5V
- D1A ← 0V
- F2Z ← +5V
- D1D ← 0V
- D1E ←
- D1I ←
- D1J ←
- D1R ←
- D1S ←
- D1W ←
- D1X ←
- D1Z ←
- D2D ←
- D2E ←
- D2F ←
- D2I ←
- D2J ←
- D2K ←
- D2S ←
- D2T ←
- D2W ←
- D2X ←
- D2Y ←
- F1D ←
- F1E ←
- F1Z ←
- F2D ←
- F2E ←
- F2F ←

NOTES:

1. FOR ASSEMBLY SEE 2797 3825
2. UNLESS OTHERWISE SPECIFIED RESISTANCE VALUES ARE IN OHMS
3. CODES USED FOR COMPONENT PART NO'S ARE AS FOLLOWS:-
4. CONNECT LINKS C/M AT (G1E2, G1D6)&(B5E9, B5F5) FOR ALL MACHINE STYLES

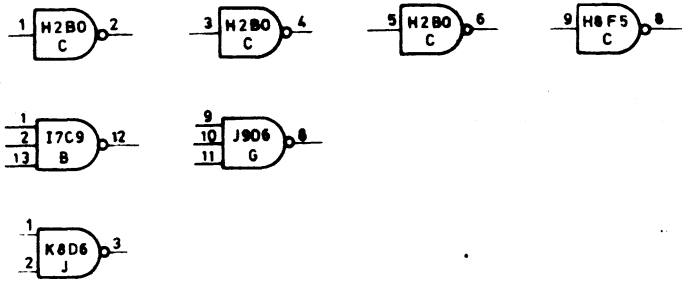
IC'S



IC'S

| | | |
|---|---------|-----------|
| A | SN7474 | 1447 3607 |
| B | SN74H10 | 1486 8780 |
| C | SN7404 | 1447 3532 |
| D | SN7438 | 1447 3581 |
| E | SN74195 | 1447 3755 |
| F | SN7427 | 2600 4929 |
| G | SN7410 | 1447 3540 |
| H | SN74128 | 1299 6880 |
| I | SN74161 | 1447 3771 |
| J | SN7400 | 1447 3516 |
| K | SN7408 | 1447 3524 |
| L | SN7486 | 1447 3688 |
| M | SN7430 | 1447 3573 |
| N | SN7485 | 1449 2052 |
| P | SN74157 | 1447 3797 |
| R | SN74175 | 1449 1278 |
| S | SN74504 | 2600 1495 |

SPARE GATES



| | | | | | | | | | | |
|-------------------------------------|--------------|-----------------------|---|---------------------|----------------------|--|---------------------------------|----------------------|----------|----------------|
| 2797 3861 2797 3861 2797 3861 | ER 0292 A | OCT 28 77 RELEASED | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | DESGN CONTROL JOB | TITLE DISK 2 SCHEMATIC (201 I) | | CT PROGRAMME | | |
| | | | ORGN ENGR d. s. g. | DATE OCT, 13, 77 | DRAWN L.F. | DATE OCT, 13, 77 | DRAWING NO. 2797 3866 | | | |
| | | | APPROVED <i>[Signature]</i> | DATE | CHECKED | DATE | DRG SIZE A1 | CLASS CODE 2-9502 | REV A | PAGE 4 of 4 |
| | | | ENG COMP | DATE | DRG SIZE A1 | CLASS CODE 2-9502 | REV A | PAGE 4 of 4 | | |

INPUTS

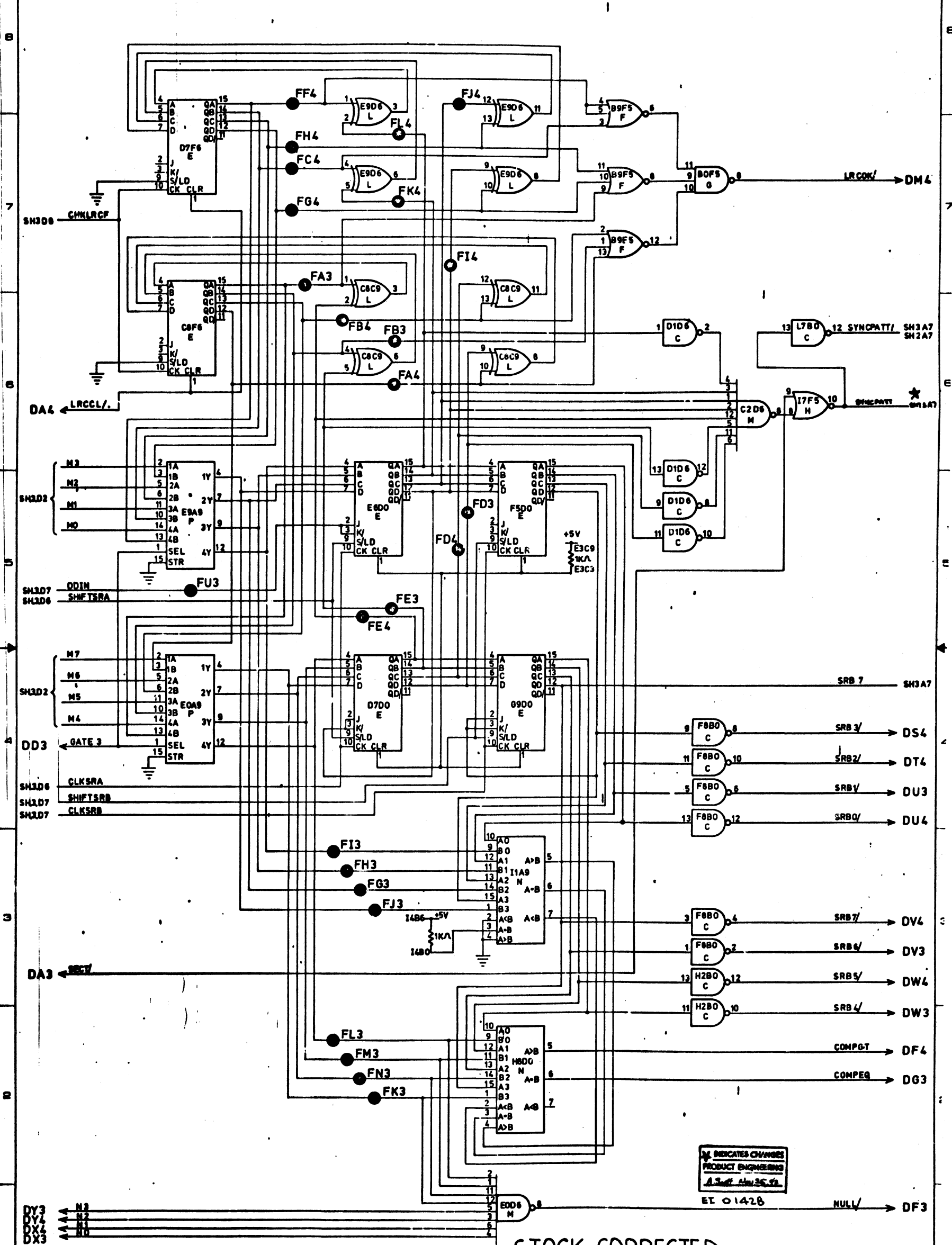
OUTPUTS

A

B

C

D



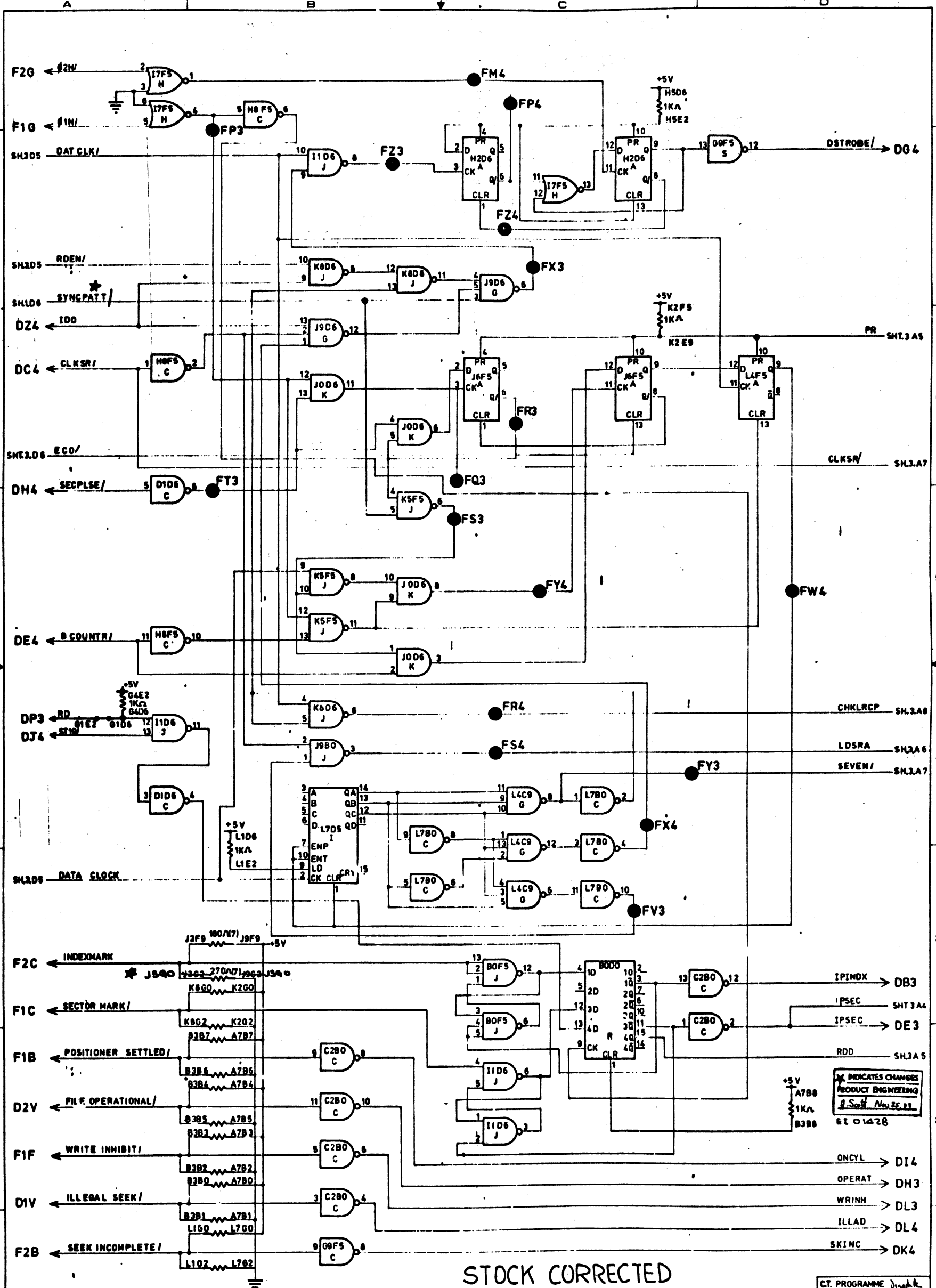
STOCK CORRECTED

CT. PROGRAMME

| | | | | | | | | | | |
|-----------|----------|---|---|--|--|--|--------------------------|------|------|------|
| 2797 3866 | ET 01428 | A | Burroughs | | | | DISK 2 SCHEMATIC (201 I) | | | |
| | | | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | | | DATE | DATE | DATE | DATE |
| | | | OCT. 13.77 | | | | OCT. 13.77 | | | |
| | | | L.F. | | | | L.F. | | | |
| | | | 2797 3866 | | | | 2797 3866 | | | |
| | | | ET 01428 | | | | ET 01428 | | | |
| | | | A | | | | A | | | |
| | | | 2-9502 | | | | 2-9502 | | | |
| | | | A1 | | | | A1 | | | |
| | | | 1 of 4 | | | | 1 of 4 | | | |

INPUTS

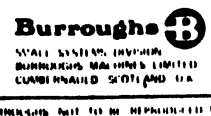
OUTPUTS



STOCK CORRECTED

INDICATES CHANGES
 PRODUCT ENGINEERING
 G. Smith Nov 26, 77
 ET 01428

| | | | | | | | | |
|-----------|-------------|-----------|----------|-----------|------------|-----------|------|-----------|
| 2797 3866 | DATE | OCT 13 77 | DATE | OCT 13 77 | DATE | OCT 13 77 | DATE | OCT 13 77 |
| | DESIGNED BY | L.F. | CHECKED | | DATE | | DATE | |
| | APPROVED | | | | | | | |
| | DATE | | DRG. NO. | A1 | CLAC. CODE | 2-9502 | REV | A |



DISK 2 SCHEMATIC (201 I)

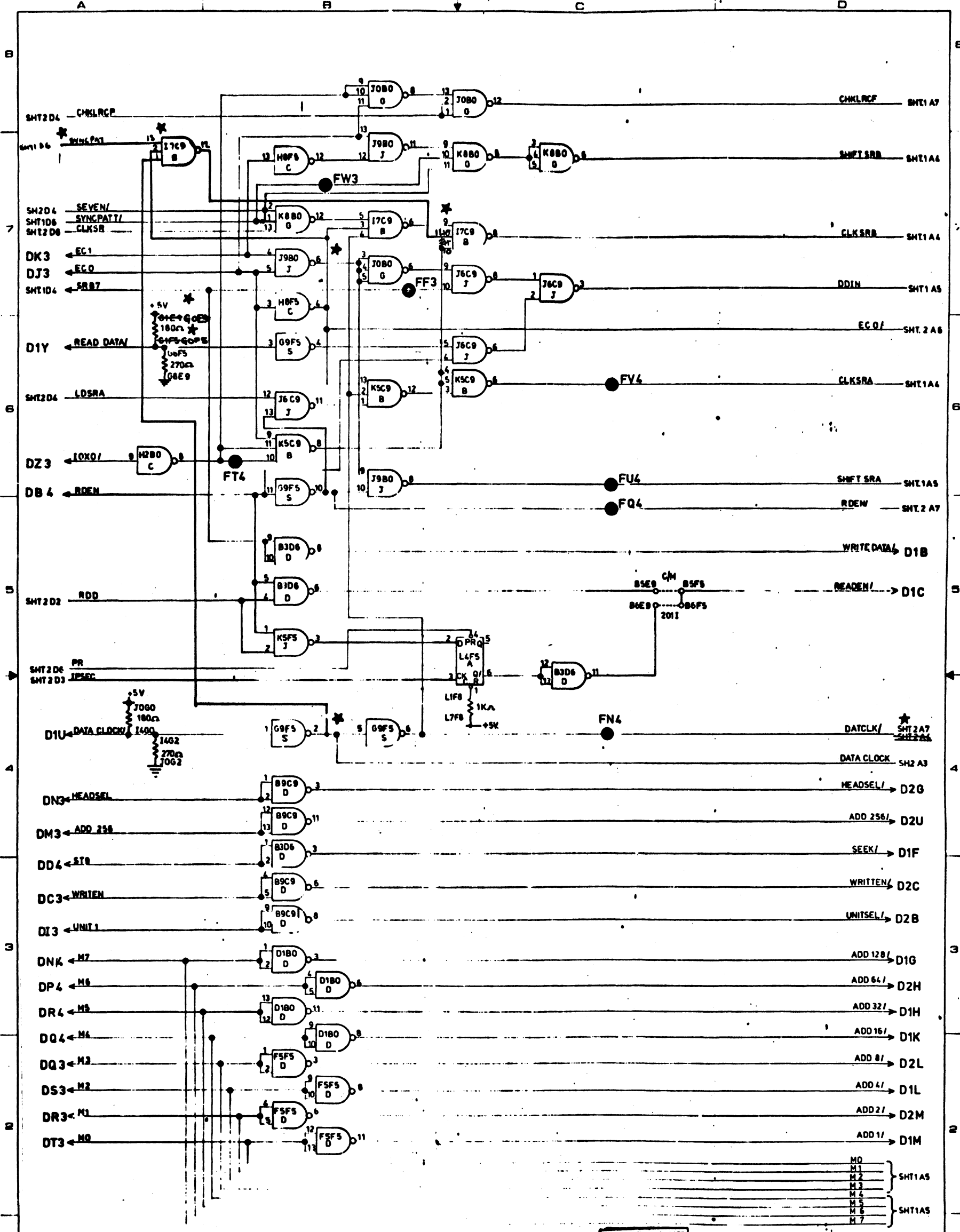
2797 3866
 ET 01428

PROPRIETARY TO BURROUGHS AND TO BE REPRODUCED OR USED FOR ANY
 FACTURING PURPOSES WITHOUT BURROUGHS' WRITTEN CONSENT

CT. PROGRAMME
 1
 4

INPUTS

OUTPUTS



STOCK CORRECTED

* INDICATES CHANGES
 PRODUCT ENGINEERING
 A. Scott May 24, 77

E1 01428

CT PROGRAMME

| | | | |
|-----------|----------|---------|-----------|
| 2797 3866 | E1 01428 | ER 0282 | 2797 3866 |
|-----------|----------|---------|-----------|

Burroughs

DISK 2 SCHEMATIC (20111)

OCT. 13, 77

SEP. 6, 77

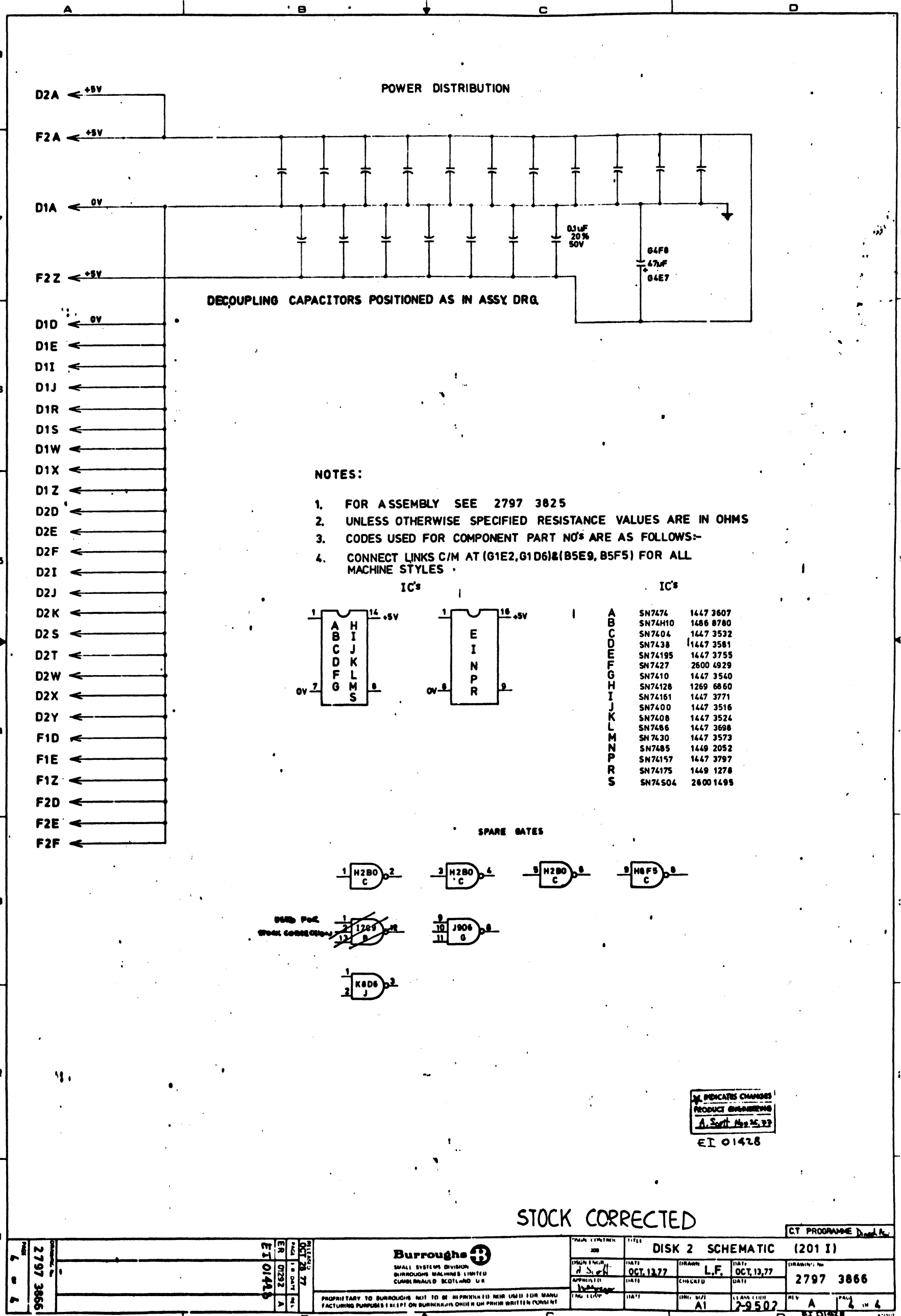
2797 3866

E1 01428

| | | | |
|-------------|-------------|------------|-------|
| DATE | DESIGNED BY | CHECKED BY | DATE |
| OCT. 13, 77 | CME LEOD | SEP. 6, 77 | |
| CLASS | CLASS | CLASS | CLASS |
| A1 | A | A | A |

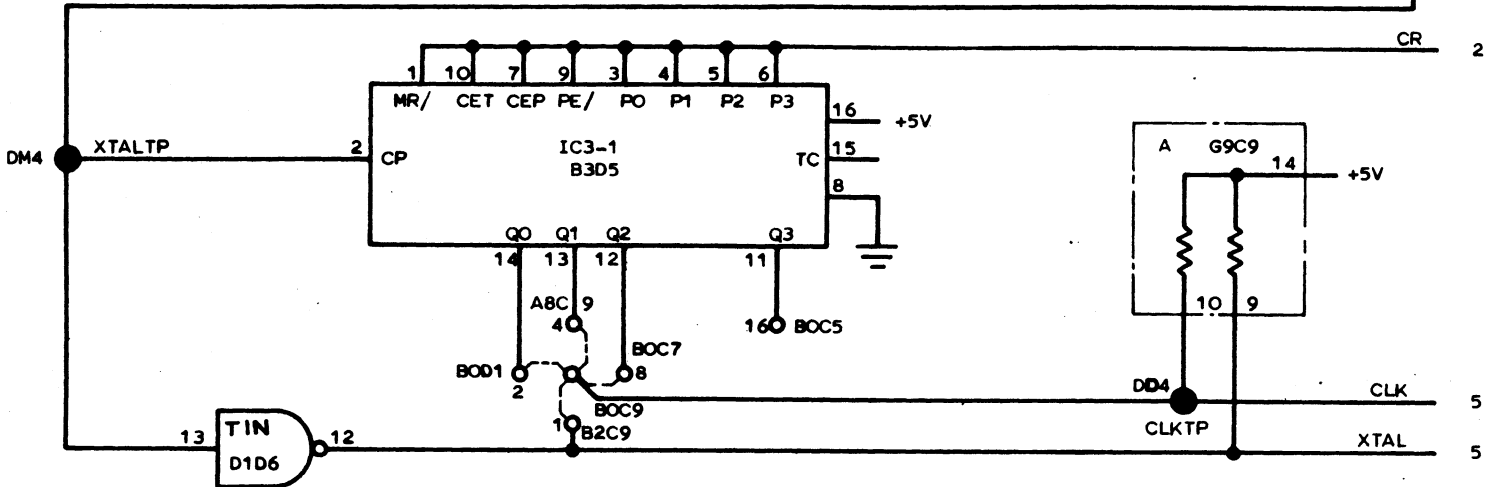
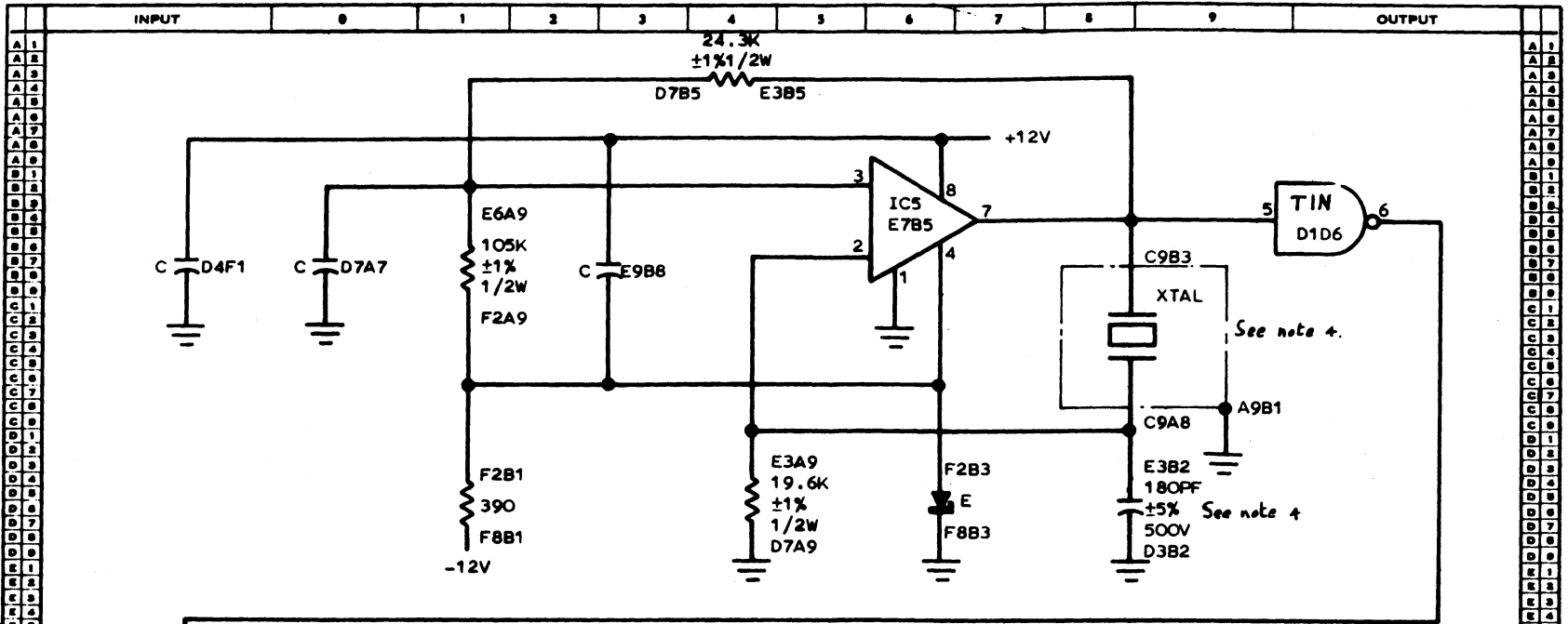
INPUTS

OUTPUTS

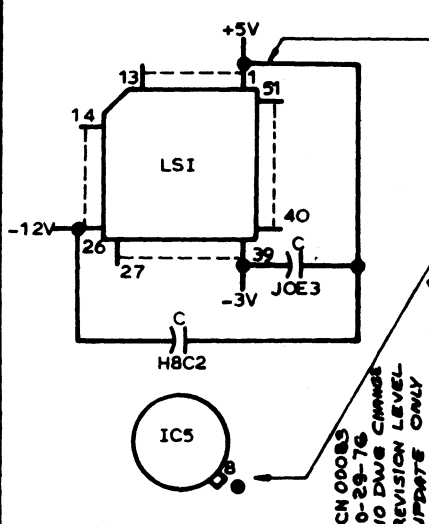
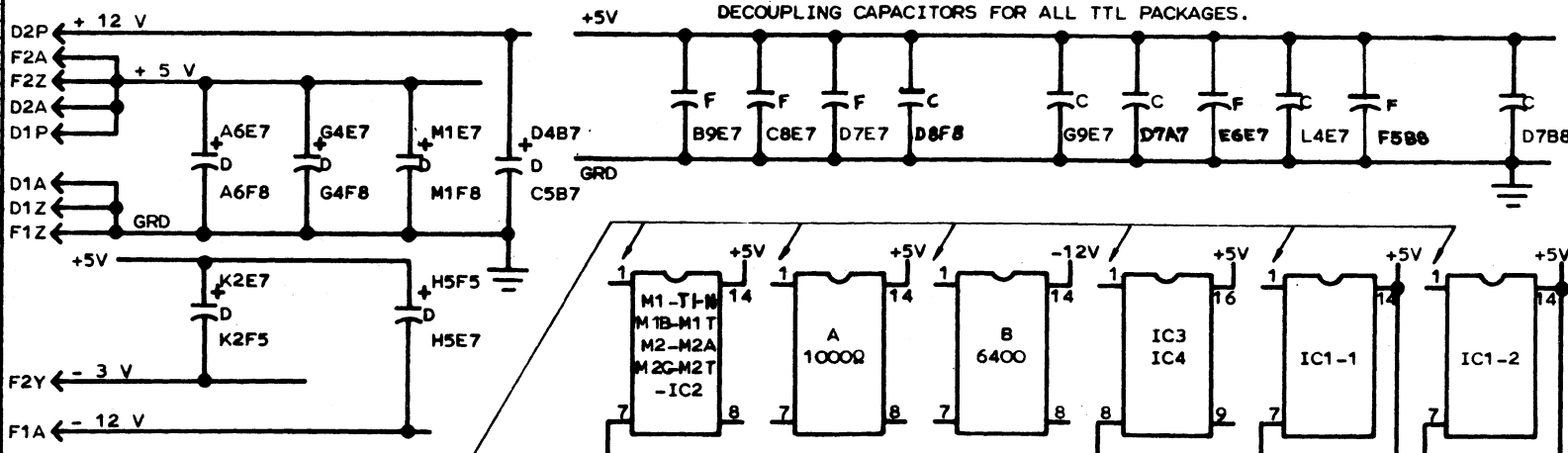
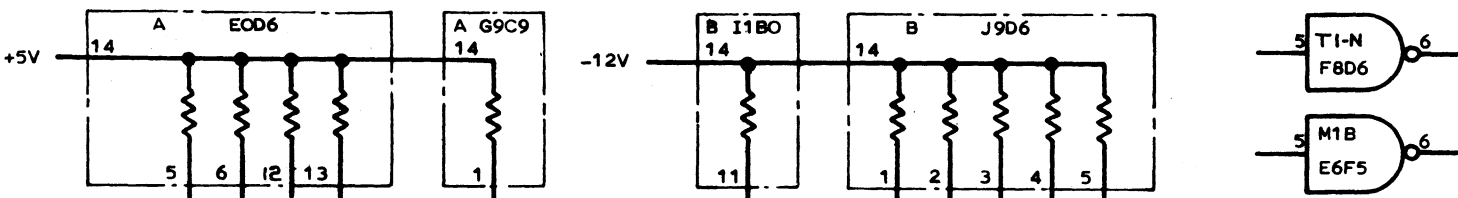


| | | | | | |
|--------------------|--|------------------------|--|---|--|
| 2797 3866 4 - 4 | ET 01443 ER 0722 A | OCT 28 77 OCT 13 77 | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINE LIMITED CUMBERNAULD SCOTLAND U.K. | DISK 2 SCHEMATIC (201 I) L.F. OCT. 13, 77 2-9502 | DRAWING NO. 2797 3866 REV A PAUSE 4 |
| | PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF BURROUGHS MACHINE LIMITED | | | | |
| | CT PROGRAMME Dept. 4 | | | | |
| | EI 01428 | | | | |

SCHEMATIC



SPARES



LOGIC CO-ORDINATE DESIGNATIONS TYPICAL PIN ORIENTATION VOLTAGE & GROUND CONNECTION FOR DUAL IN LINE I.C.'S.

- NOTES**
- COMPONENTS IDENTIFIED BY LETTERS A-B-C-ETC INDICATE PARTS NUMBERS AS FOLLOWS.
 - UNLESS OTHERWISE SPECIFIED ALL RESISTANCE VALUES ARE IN OHMS $\pm 5\%$ 1/2W.
- I.C. PACKAGES**
- M1: 1471 4356
 - TIN: 1447 3532
 - M1B: 1674 4963
 - M1T: 1479 7971
 - M2: 1471 4364
 - M2A: 1447 3516
 - M2C: 1741 1521
 - M2T: 1479 0240
 - IC1: 1846 5229
 - IC2: 2472 2548
 - IC3: 1447 3771
 - IC4: 2472 5566
 - IC5: 1471 4406
 - LSI: 1845 9875

| PAGE | ER: DATE | REV. |
|------|-----------------------|------|
| 1 | ECN 00636 12-23-77 | B |
| 2 | 03-01-75 | A |
| 3 | 03-01-75 | A |
| 4 | 03-01-75 | A |
| 5 | 03-01-75 | A |

- SOCKET**
- G: FOR LSI 1532 8123
 - H: CLOCK DRIVER 1535 4996
- RESISTOR PKG**
- A: 1000 Ω 1846 4610
 - B: 6400 Ω 1846 5203
- CAPA**
- F: 1 μ F $\pm 20\%$ 50V : 2300 5820
 - C: 1 μ F $\pm 80\%$ 50V : 1846 9627
 - D: 6.8 μ F $\pm 20\%$ 35V : 1267 9155
- DIODE**
- E: 1471 4687
- 3) FOR DETAIL SEE 1847 4270 FOR ASS'Y SEE 1847 4262
- 4) ELEMENT VALUE DEPENDS ON OPERATION FREQUENCY. SEE SPEC 1847 4288.

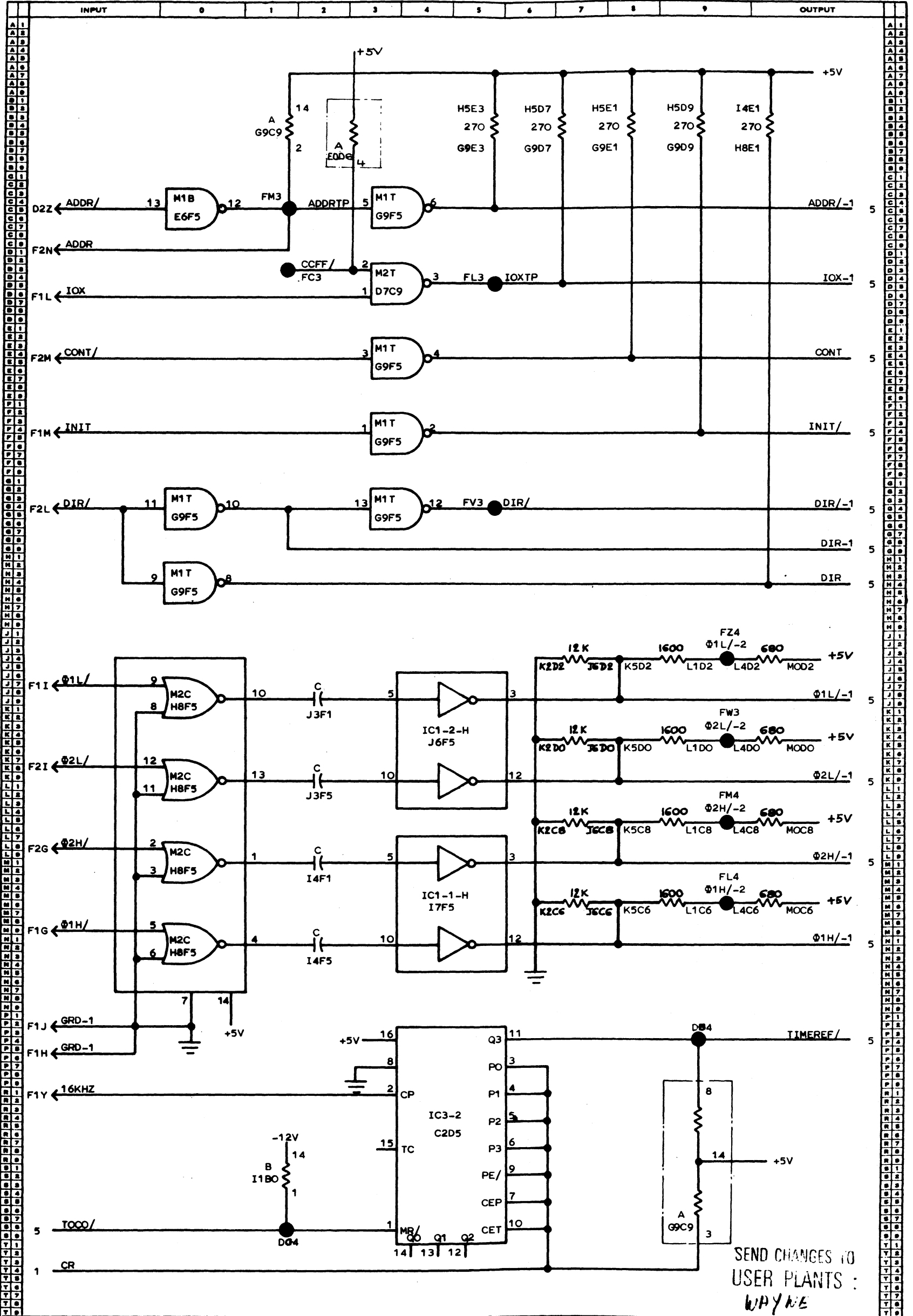
SEND CHANGES TO WRYNE

| | | |
|---|--|--|
| Compagnie Belge Burroughs USINE DE SENEFFE SENEFFE BELGIUM | TITLE SCHEMATIC, CARD ADC SYSTEM TC 4000 DRAWN B. RIZZO APPROVED A.S. W | CLASS CODE 2.9520 DWG. NO. 1847 4296 PAGE 1 OF 5. REV. LETTER B |
|---|--|--|

ORIGINAL

1847 4296 Rev B Figure

SCHEMATIC



SEND CHANGES TO
USER PLANTS :
WAYNE

Compagnie Belge Burroughs
USINE DE SENEFFE SENEFFE BELGIUM
PROPERTY OF BURROUGHS CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

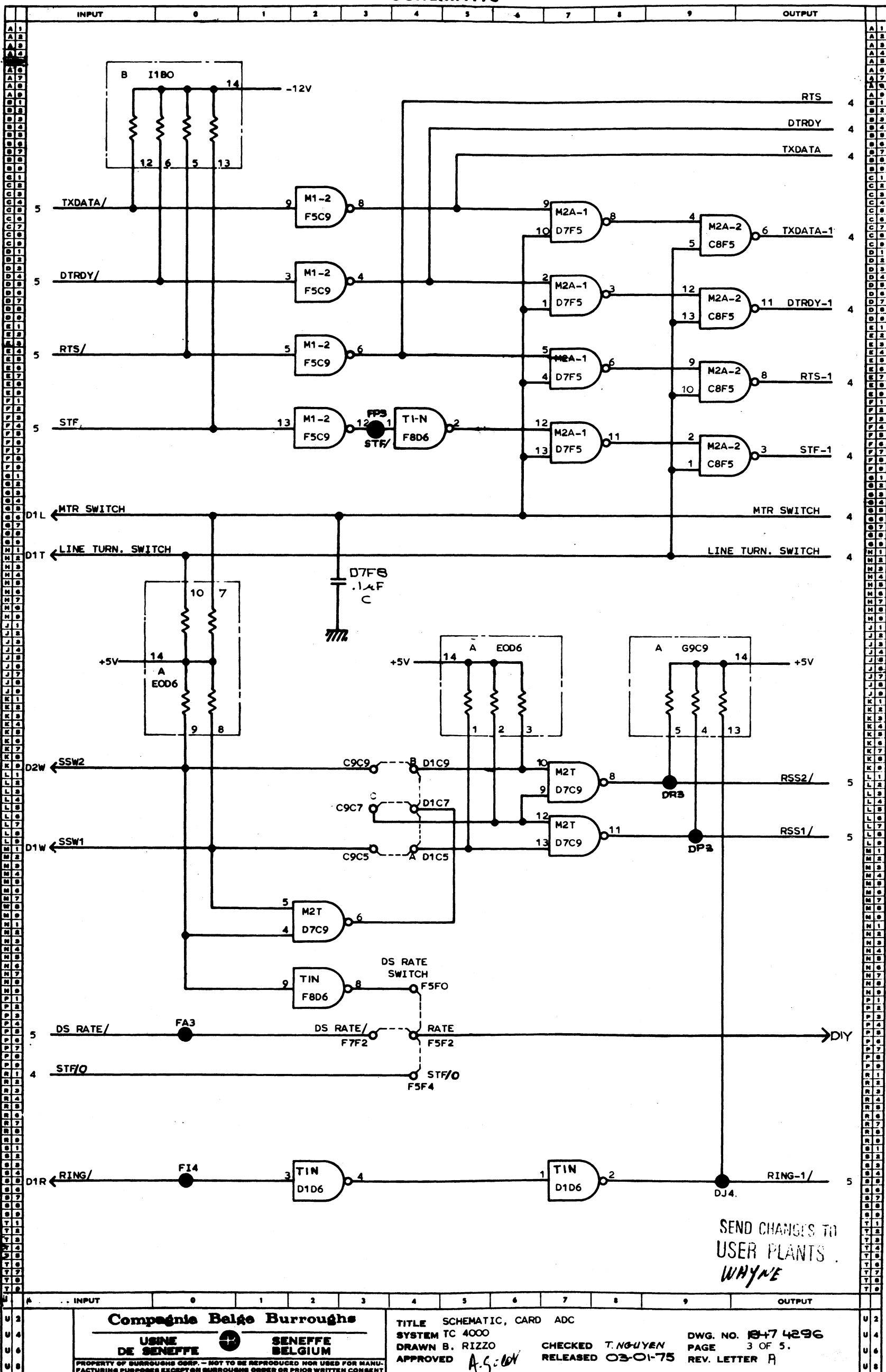
TITLE SCHEMATIC, CARD ADC
SYSTEM TC 4000
DRAWN B. RIZZO
APPROVED A.S. Rizzo
CHECKED T. NGUYEN
RELEASED 03-07-75
DWG. NO. 1847 4296
PAGE 2 OF 5.
REV. LETTER A

ORIGINAL

100270 - P. VANORPINTEN, 1969

1847 4296 Rev. A pages 3

SCHEMATIC



1847 4296 Rev. 0 Page 2

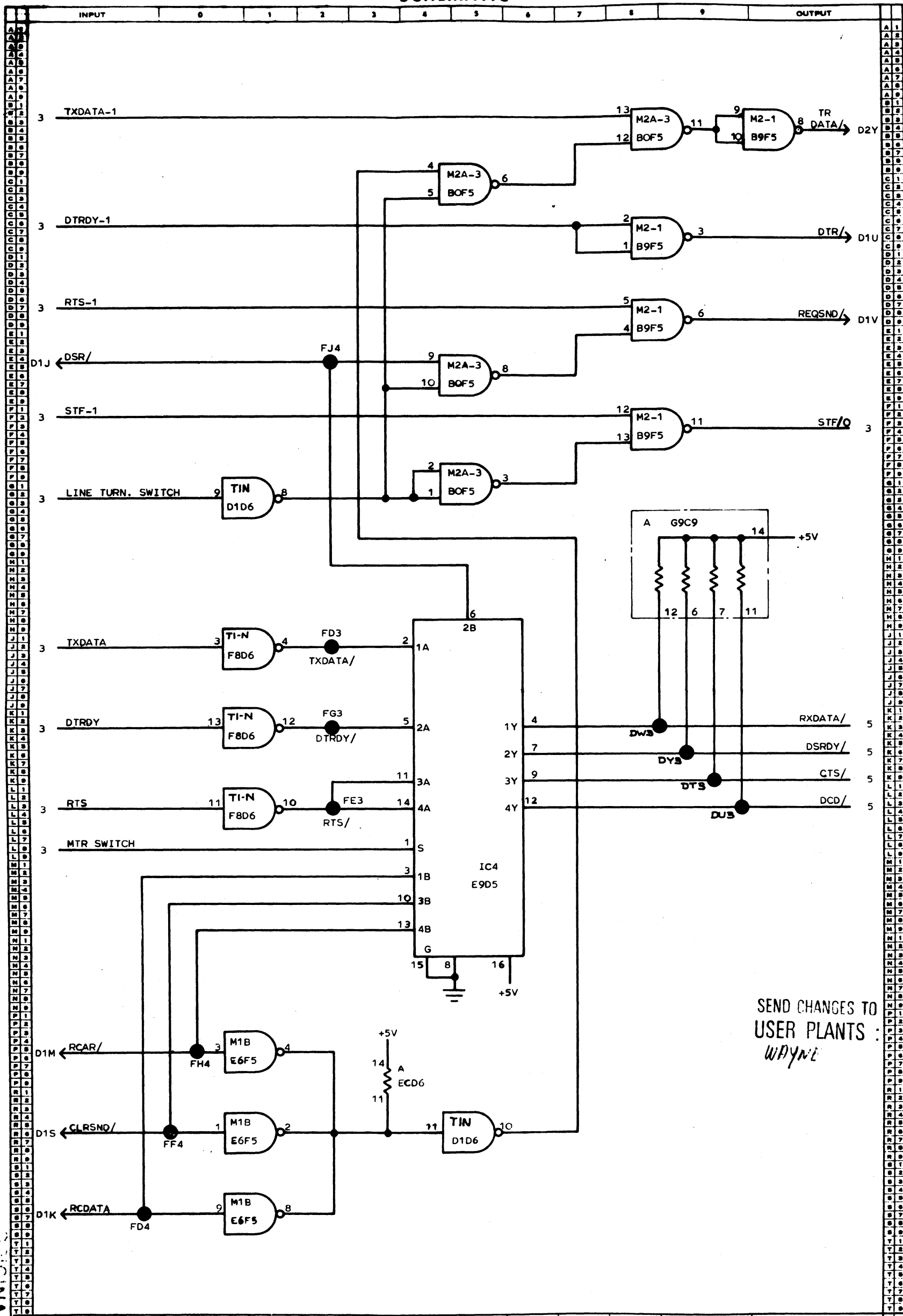
Compagnie Belge Burroughs
USINE DE SENEFFE **SENEFFE BELGIUM**
PROPERTY OF BURROUGHS CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

TITLE SCHEMATIC, CARD ADC
 SYSTEM TC 4000
 DRAWN B. RIZZO
 APPROVED *A.S. 6/71*

CHECKED T. NGUYEN
 RELEASED 03-01-75


DWG. NO. 1847 4296
 PAGE 3 OF 5.
 REV. LETTER R

SCHEMATIC



SEND CHANGES TO
USER PLANTS :
WAYNE

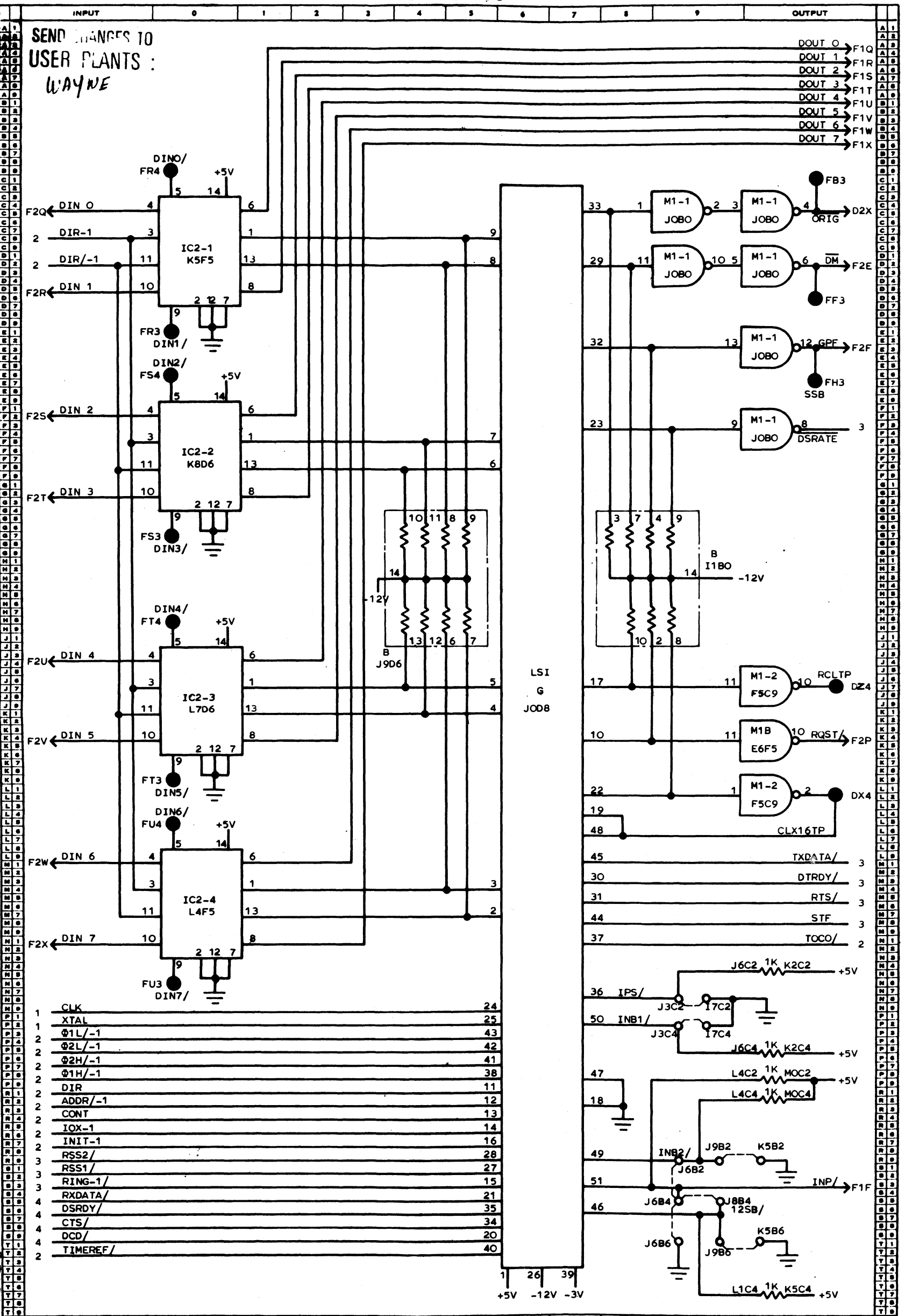
ORIGINAL
1847 4296 Page 1 of 5

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| <p align="center">Compagnie Belge Burroughs</p> <p align="center">USINE DE SENEFFE  SENEFFE BELGIUM</p> <p align="center"><small>PROPERTY OF BURROUGHS CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT</small></p> | | <p>TITLE SCHEMATIC, CARD ADC SYSTEM TC 4000 DRAWN B. RIZZO APPROVED <i>A.S. LOW</i></p> | | <p>CHECKED T. NGUYEN RELEASED 03-01-75</p> | | <p>DWG. NO. 1847 4296 PAGE 4 OF 5. REV. LETTER A</p> | |
|--|--|---|--|--|--|--|--|

ORIGINAL

SCHEMATIC

SEND CHANGES TO
USER PLANTS:
WAYNE



| | | |
|---|----------|----|
| 1 | CLK | 24 |
| 1 | XTAL | 25 |
| 2 | Φ1L/-1 | 43 |
| 2 | Φ2L/-1 | 42 |
| 2 | Φ2H/-1 | 41 |
| 2 | Φ1H/-1 | 38 |
| 2 | DIR | 11 |
| 2 | ADDR/-1 | 12 |
| 2 | CONT | 13 |
| 2 | IOX-1 | 14 |
| 2 | INIT-1 | 16 |
| 2 | RSS2/ | 28 |
| 3 | RSS1/ | 27 |
| 3 | RING-1/ | 15 |
| 4 | RXRDATA/ | 25 |
| 4 | DSDATA/ | 31 |
| 4 | CTS/ | 34 |
| 4 | DCD/ | 20 |
| 2 | TIMEREF/ | 40 |

Compagnie Belge Burroughs

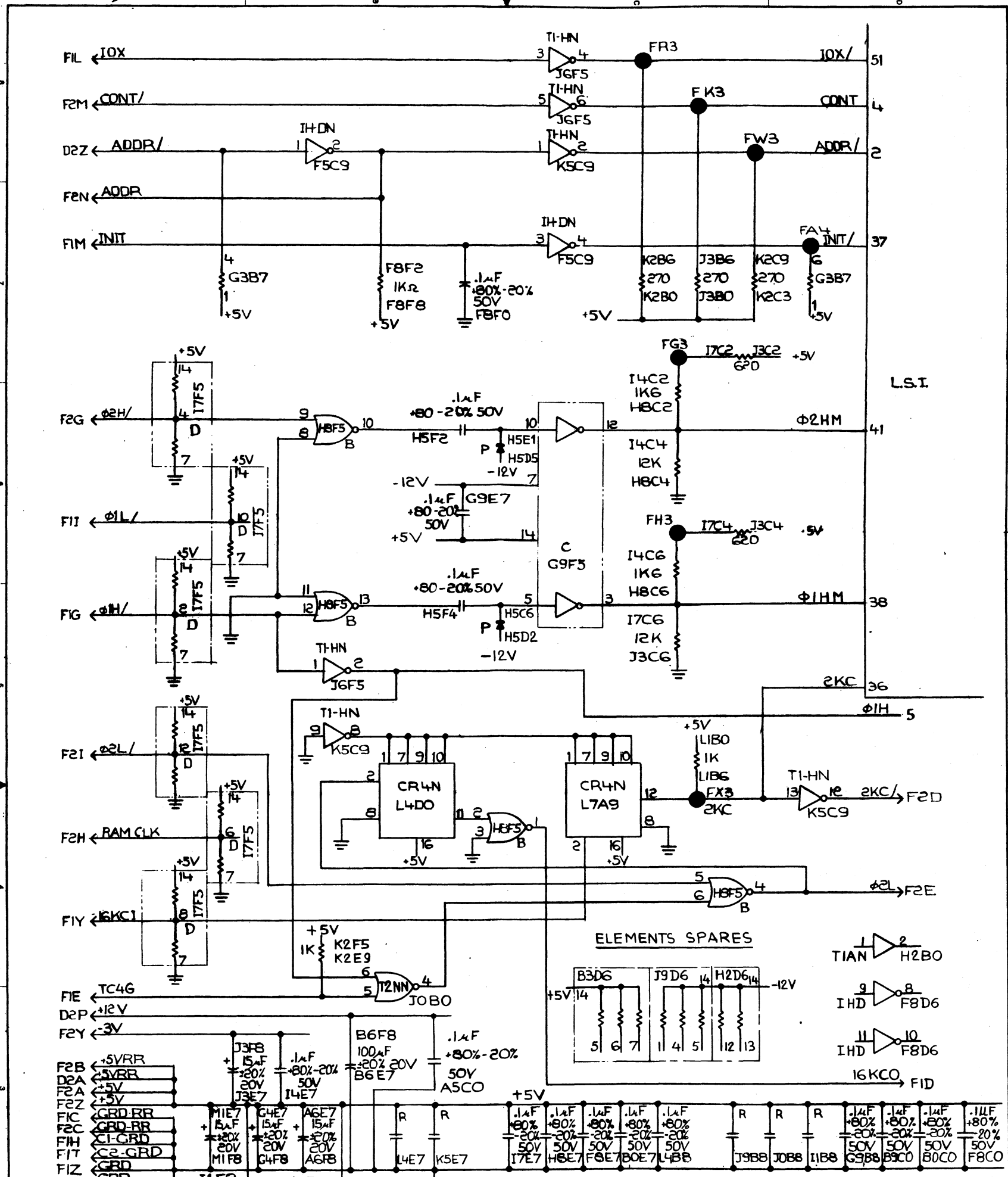
USINE DE SENEFFE SENEFFE BELGIUM

TITLE SCHEMATIC, CARD ADC
SYSTEM TC 4000
DRAWN B. RIZZO
APPROVED *A.S. 6/1*

CHECKED T. NGUYEN
RELEASED 03-01-75

DWG. NO. 1847 4296
PAGE 5 OF 5.
REV. LETTER A

ORIGINAL 1847 4296 Rev B Page



LOGIC CO-ORDINATE DESIGNATIONS TYPICAL PIN ORIENTATION VOLTAGE AND GROUND CONNECTION FOR SINGLE AND DUAL IN LINE I.C.

| | | | | | | | | | | | | | |
|----|-------|----|----|----|----|-------|------|---|----|----|--------|----|----|
| 1 | A-B-C | 5V | 14 | 5V | 1 | DC-BN | CR4N | 9 | 5V | 1 | L.S.I. | 40 | 39 |
| 2 | TI-HN | | 2 | | 2 | | | 8 | | 2 | P-M | 14 | 26 |
| 3 | IHDN | | 3 | | 3 | | | 7 | | 3 | | 14 | 25 |
| 4 | TI-HN | | 4 | | 4 | | | 6 | | 4 | | 13 | 25 |
| 5 | TI-HN | | 5 | | 5 | | | 5 | | 5 | | 12 | 25 |
| 6 | TI-HN | | 6 | | 6 | | | 4 | | 6 | | 11 | 25 |
| 7 | TI-HN | | 7 | | 7 | | | 3 | | 7 | | 10 | 25 |
| 8 | TI-HN | | 8 | | 8 | | | 2 | | 8 | | 9 | 25 |
| 9 | TI-HN | | 9 | | 9 | | | 1 | | 9 | | 8 | 25 |
| 10 | TI-HN | | 10 | | 10 | | | | | 10 | | 7 | 25 |
| 11 | TI-HN | | 11 | | 11 | | | | | 11 | | 6 | 25 |
| 12 | TI-HN | | 12 | | 12 | | | | | 12 | | 5 | 25 |
| 13 | TI-HN | | 13 | | 13 | | | | | 13 | | 4 | 25 |
| 14 | TI-HN | | 14 | | 14 | | | | | 14 | | 3 | 25 |
| 15 | TI-HN | | 15 | | 15 | | | | | 15 | | 2 | 25 |
| 16 | TI-HN | | 16 | | 16 | | | | | 16 | | 1 | 25 |

NOTES

- COMPONENTS IDENTIFIED BY LETTERS A,B,C...ETC. INDICATE PARTS NUMBERS AS FOLLOWS
 IC PACKAGES
 A: 2472 2548
 B: 1848 4576
 C: 1846 5829
 CR4N: 1447 3771
 DCBN: 1449 2581
 DFN: 1447 3607
 IHDN: 1674 4963
 TI-N: 1447 3532
 TI-AN: 2600 1669
 TI-HN: 1479-7971
 TA-ON: 1901-7102
 T2-N: 1447 3516
 T2-NN: 2600-4911
 P: 1845 9867
- UNLESS OTHERWISE SPECIFIED ALL RESISTANCE VALUES ARE IN OHMS $\pm 5\%$ 1/2W
- FOR DETAIL SEE 1848 7991 FOR ASSY SEE 1848 7975

RES. PACKAGES
 D: 1847 8230
 E: 1847 9964
 F: 2108 4827
 G: 1847 5152
 TRANSISTORS
 H: 1479-4255
 J: 1471 4828
 K: 1847 0252
 SOCKET
 L: 1535 4996
 M: 1532 8123
 HEAT SINK
 N: 1846 1905
 DIODE
 P: 14714-703
 CAPACITOR: R: $.1\mu F \pm 20\%$ 50V 23005820

| PAGE | E.R. DATE | REV |
|------|-----------|-----|
| 1 | 09-10-76 | B |
| 2 | 09-10-76 | A |
| 3 | 09-10-76 | A |
| 4 | 09-10-76 | A |
| 5 | 09-10-76 | A |

1848 7983 REV B

SEND CHANGES TO USER PLANTS: *CLM/MS LK/DP/FA*

COMPAGNE BELGE BURROUGHS

USINE DE SENEFFE

USINE DE SENEFFE

TITLE: SCHEMATIC KSI CONTROLLER

SYSTEM: TC 4000

DRAWN: R. EDART

CHECKED: F. Dumoulin 08228

APPROVED: *[Signature]*

RELEASED: 09-10-76

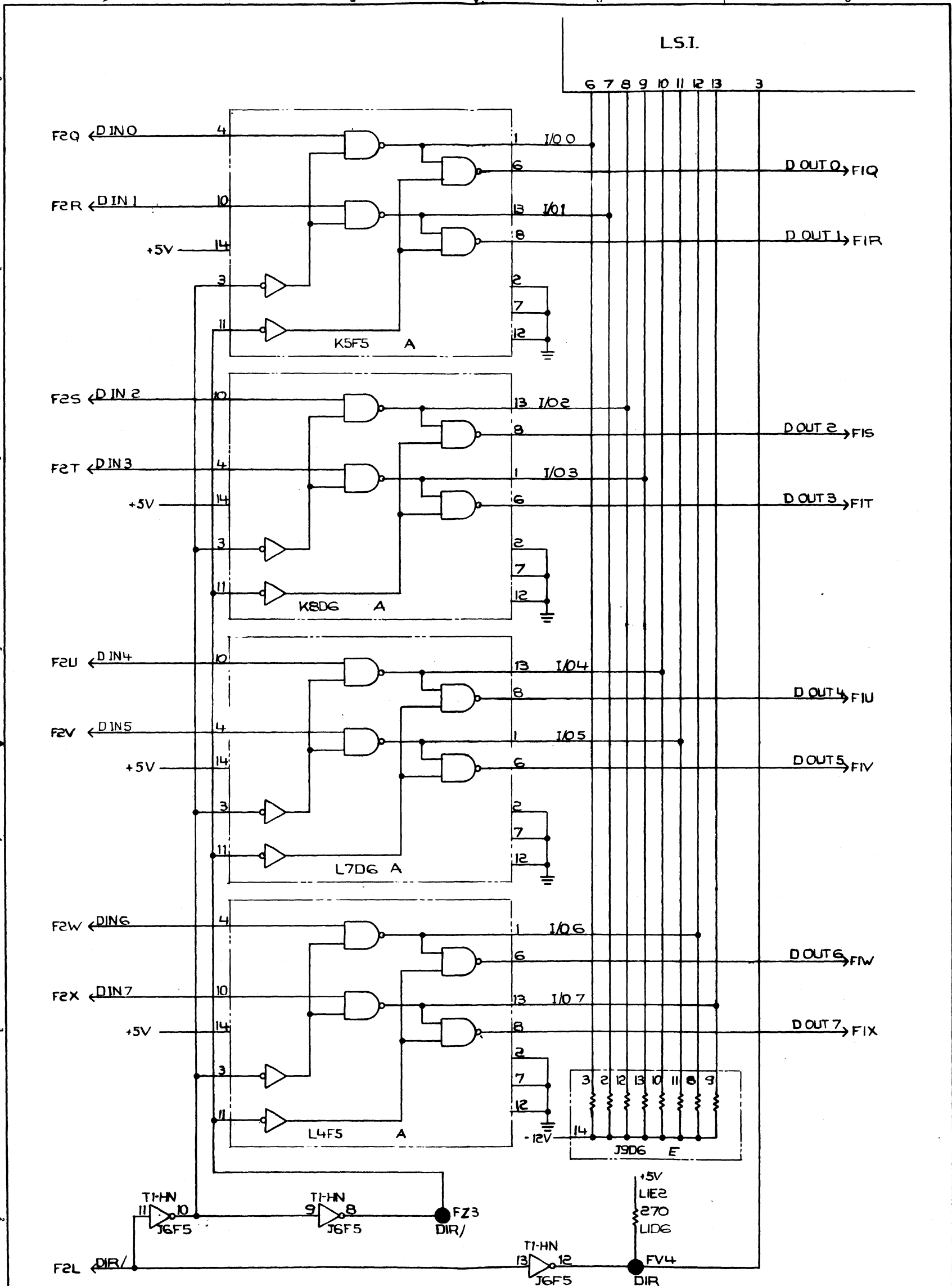
CLASS CODE: 2-9520

DWG. NO: 1848 7983

REV LETTER: B

PAGE 1 OF 5

ORIGINAL



ORIGINAL

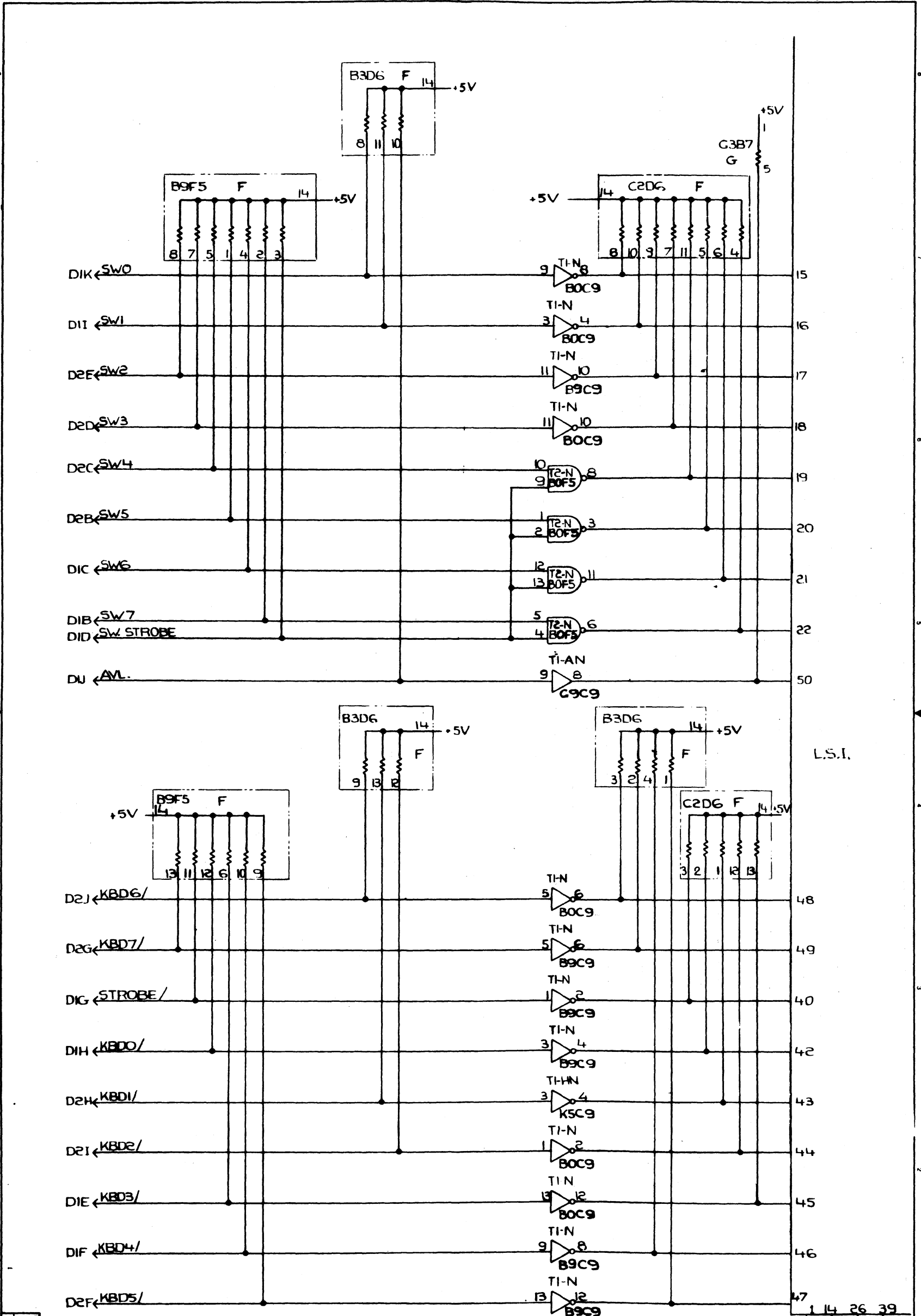
DWG NO. 18487983
 SHEET 2 OF 5
 REV A

SEND CHANGES TO USER PLANTS :
 WAYNE

Compagnie Belge Burroughs
 USINE DE SENEFFE
 SENEFFE BELGIUM
NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES WITHOUT THE WRITTEN CONSENT OF BURROUGHS CORP.

TITLE SCHEMATIC K.S.I. CONTROLLER
 SYSTEM TC 4000
 DRAWN R. EDART
 APPROVED G. HAUTEREAU
 CLASS CODE: 2-9520
 CHECKED R. DUMAS
 RELEASED 09-10-76
 REV LETTER A
 DWG NO. 1848 7983
 PAGE 2 OF 5

ORIGINAL

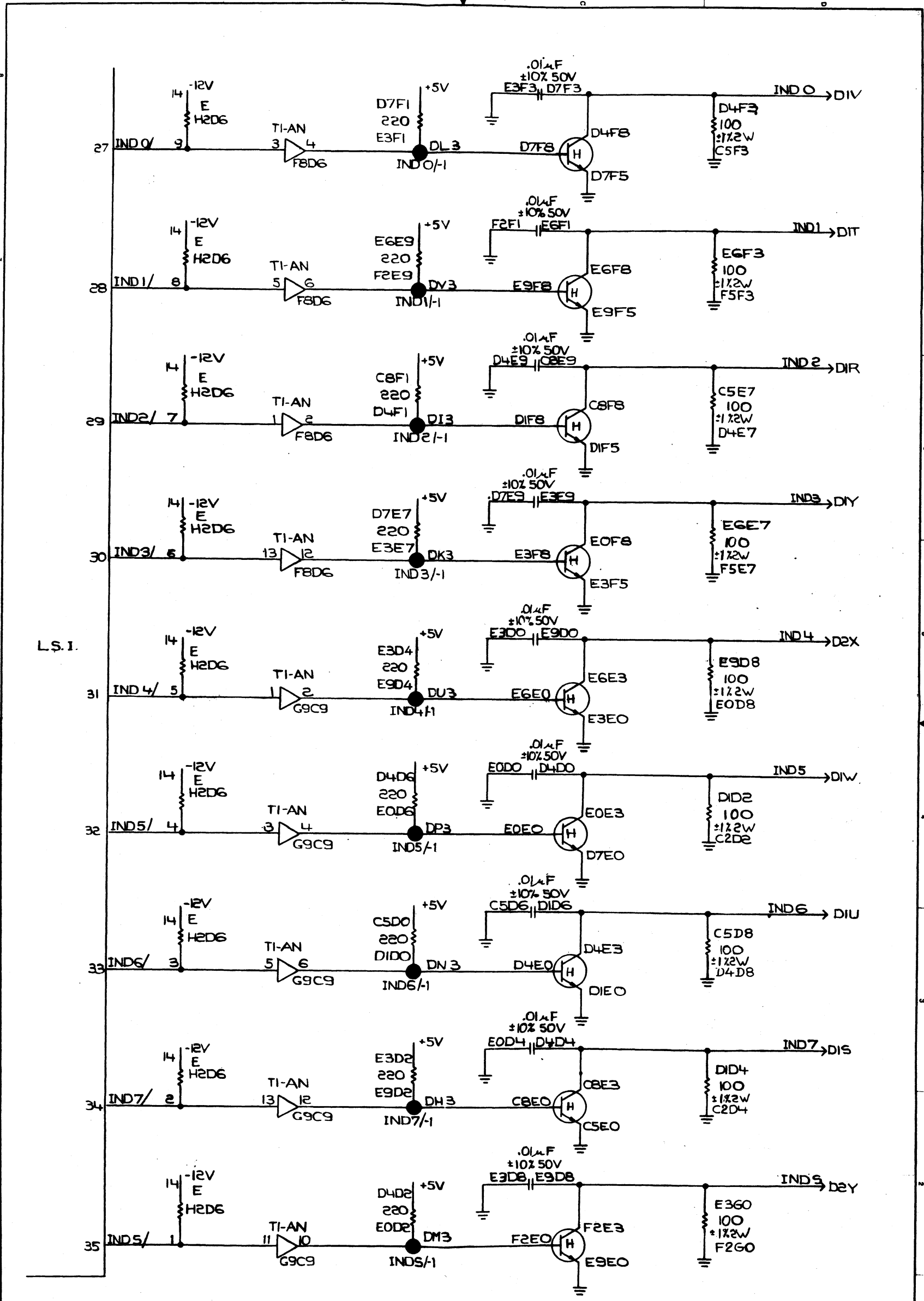


18487983
 REV A
 1 of 5

CLASS CODE: 2-9520

| | | | | |
|---|--|--|---|----------------------|
| Compagnie Belgo-Burroughs USINE DE BENEFTE BELGIUM | | TITLE SCHEMATIC KSI CONTROLLER SYSTEM TC 4000 | | DWG. NO. 18487983 |
| PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES, EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | DRAWN R. EDART APPROVED S. PIA, P.M. | CHECKED E. Dumoulin 09-05-75 RELEASED 09-10-76 (REV. LETTER A) | PAGE 3 OF 5 |





L.S.I.

ORIGINAL

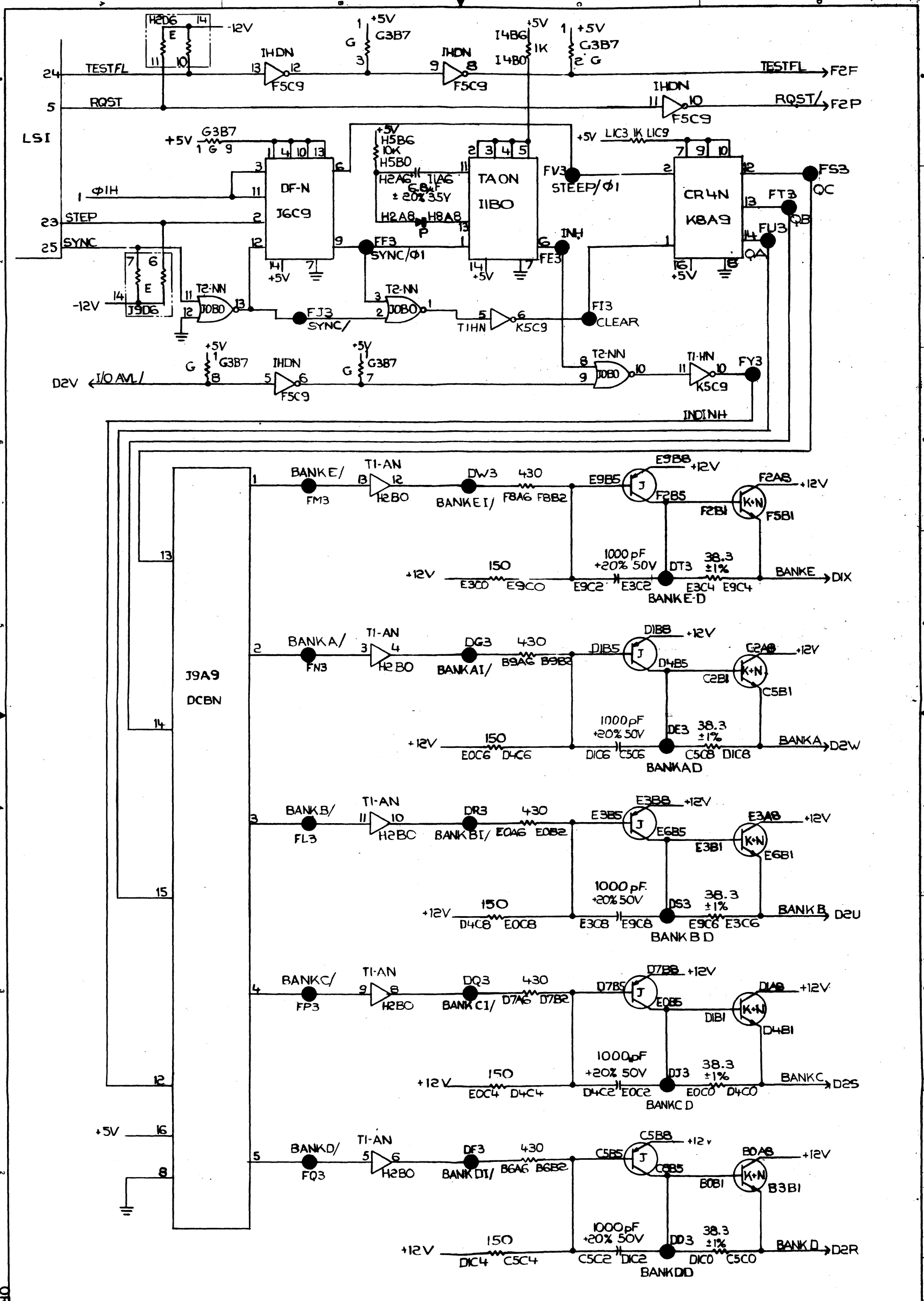
DWG NO. 18487983
 SHEET 4 OF 5
 REV A

SEND COPIES TO
 USER PLANTS

SEND COPIES TO
 WAYNE USER PLANTS

CLASS CODE: 2-9520

| | | | | | |
|--|--|---|------------------------------|-------------------|--------------------------|
| Compagnie Belge Burroughs USINE DE SENEFFE SENEFFE BELGIUM | | TITLE SCHEMATIC K.S.I. CONTROLLER SYSTEM TC 4000 DRAWN R. EDART | | DWG NO. 18487983 | |
| PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDERS OR PRIOR WRITTEN CONSENT | | APPROVED S. H. F. R. I. A. G. | CHECKED D. D. M. O. D. I. A. | RELEASED 09-10-76 | REV LETTER A PAGE 4 of 5 |



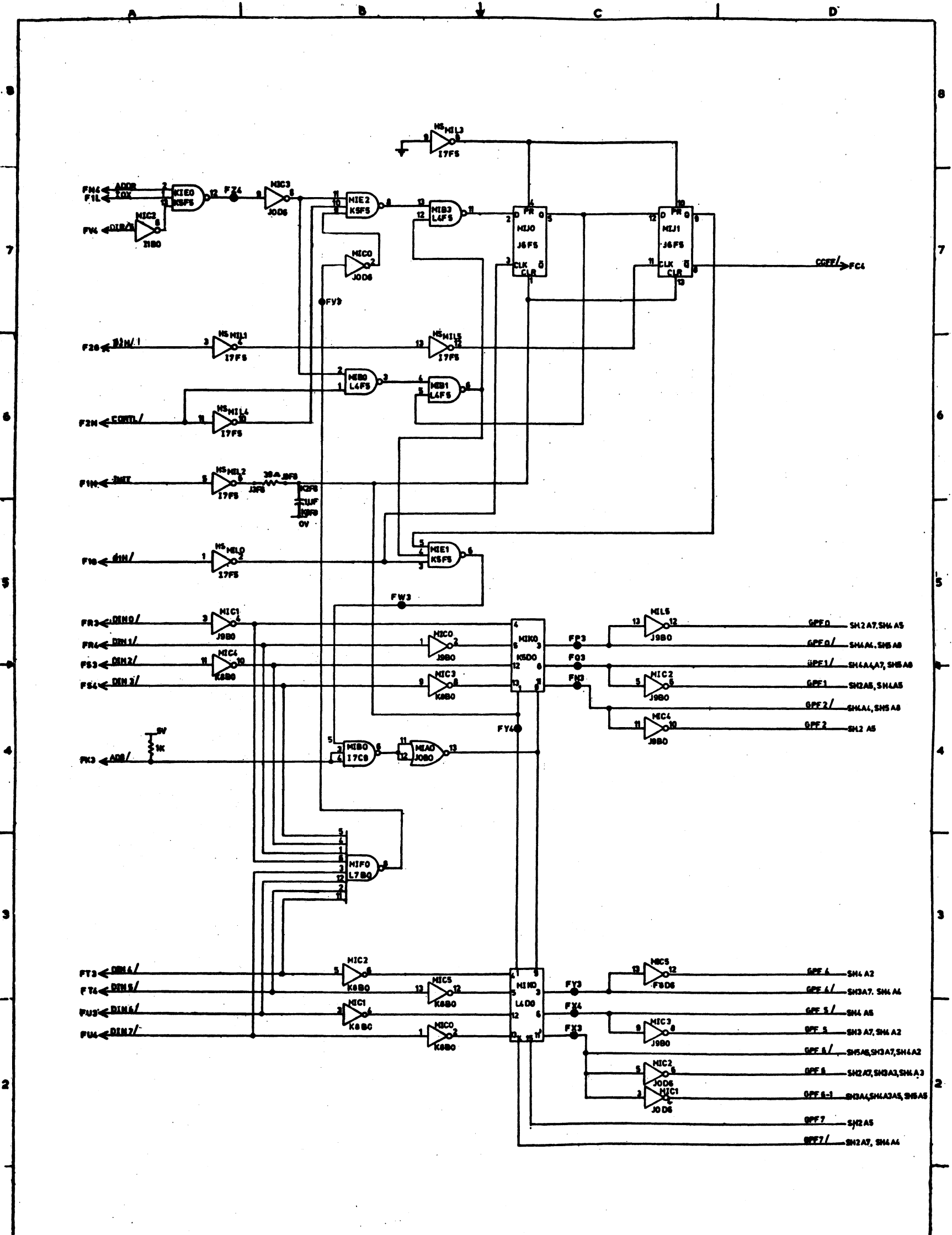
ORIGINAL
 SHEET 5 OF 5
 18487983
 REV A

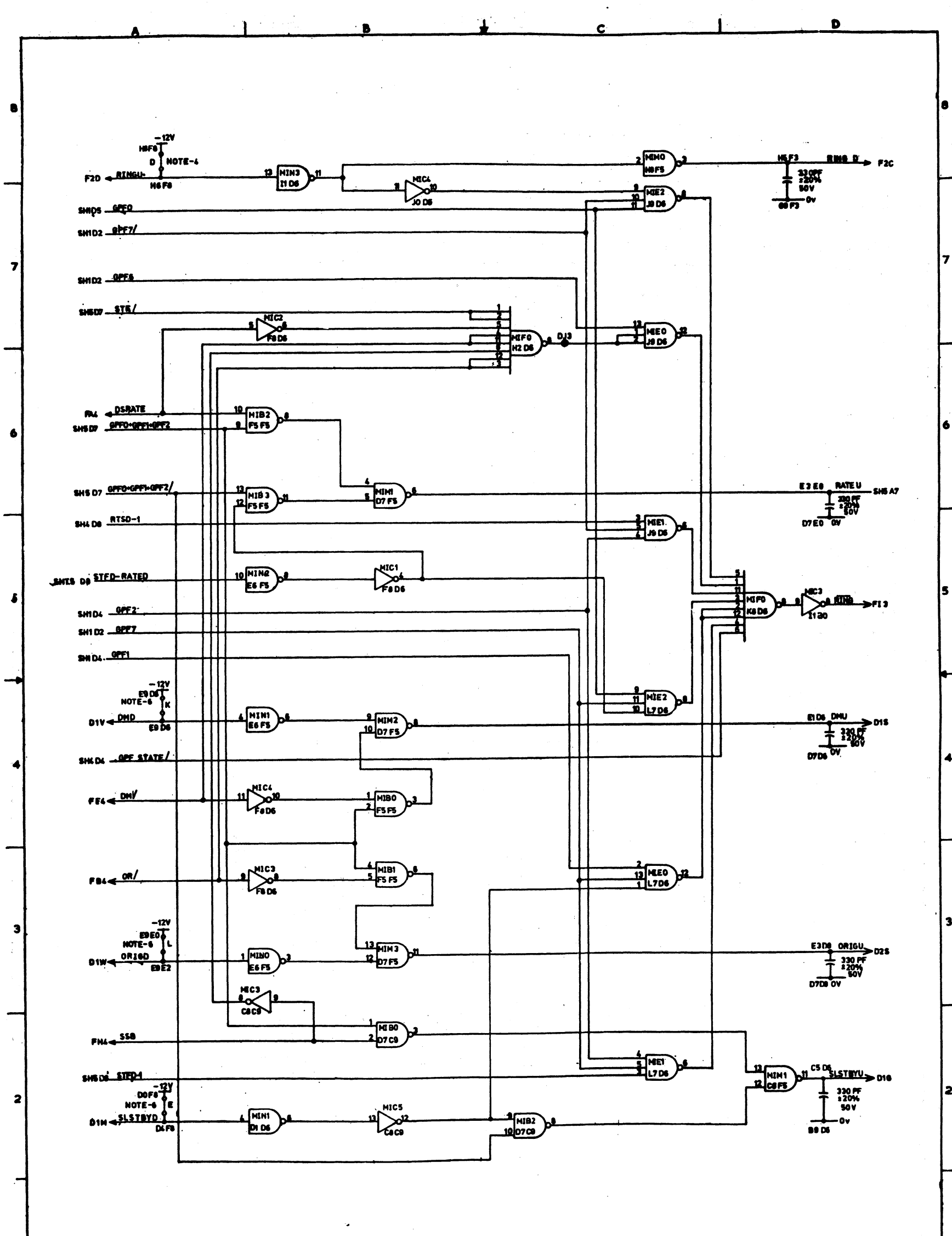
SEND CHANGES TO
 USER PLANTS :

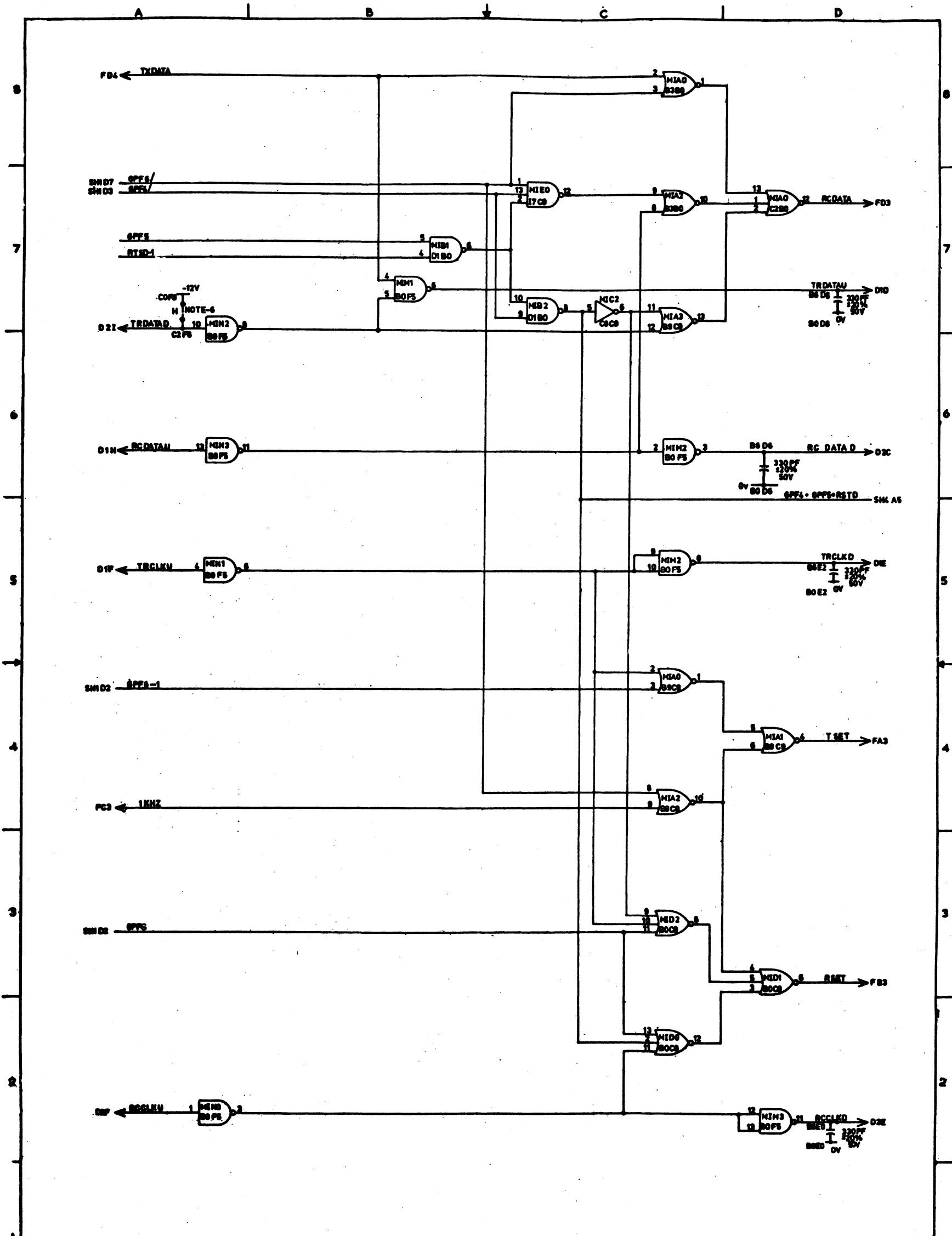
CLASS CODE: 2-9520

| | | | | |
|--|--|---|------------------------------|-----------------------------|
| Compagnie Belge Burroughs USINE DE SENEFFE SENEFFE BELGIUM | | TITLE SCHEMATIC K.S.I. CONTROLLER SYSTEM TC 4000 DRAWN R EDART APPROVED G. H. T. R. A. S. | | DWG. NO. 18487983 |
| PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | CHECKED: <i>Amelin</i> 09-10-76 | REV. LETTER A PAGE 5 OF 5 | |

WAYNE
 SEND CHANGES TO
 USER PLANTS

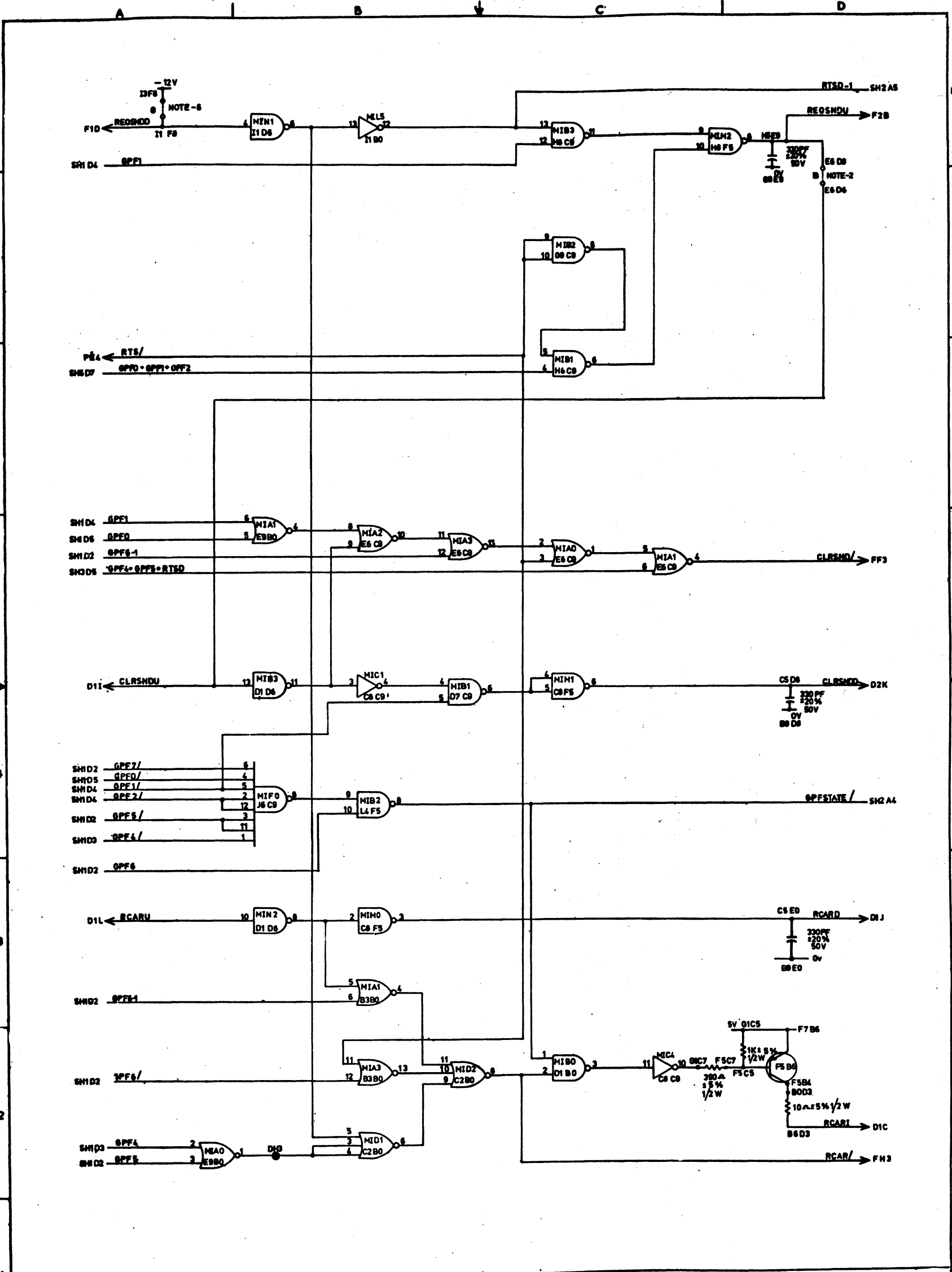






| | | | | | | | | | | | | | | | |
|-----------|--|--------|--|----------|--|---------------|--|--------------|--|----------|--|-----------------|--|-----------|--|
| 2571 2027 | | 3 of 5 | | Barroghs | | CWM SCHEMATIC | | DATE: 2-2-74 | | BY: R.M. | | DATE: AUG 15 74 | | 2571 2027 | |
| 2571 2027 | | 3 of 5 | | Barroghs | | CWM SCHEMATIC | | DATE: 2-2-74 | | BY: R.M. | | DATE: AUG 15 74 | | 2571 2027 | |
| 2571 2027 | | 3 of 5 | | Barroghs | | CWM SCHEMATIC | | DATE: 2-2-74 | | BY: R.M. | | DATE: AUG 15 74 | | 2571 2027 | |

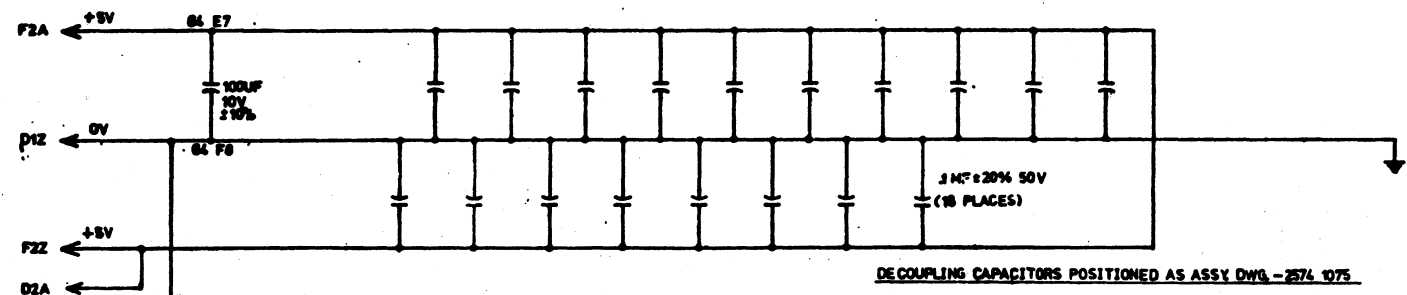
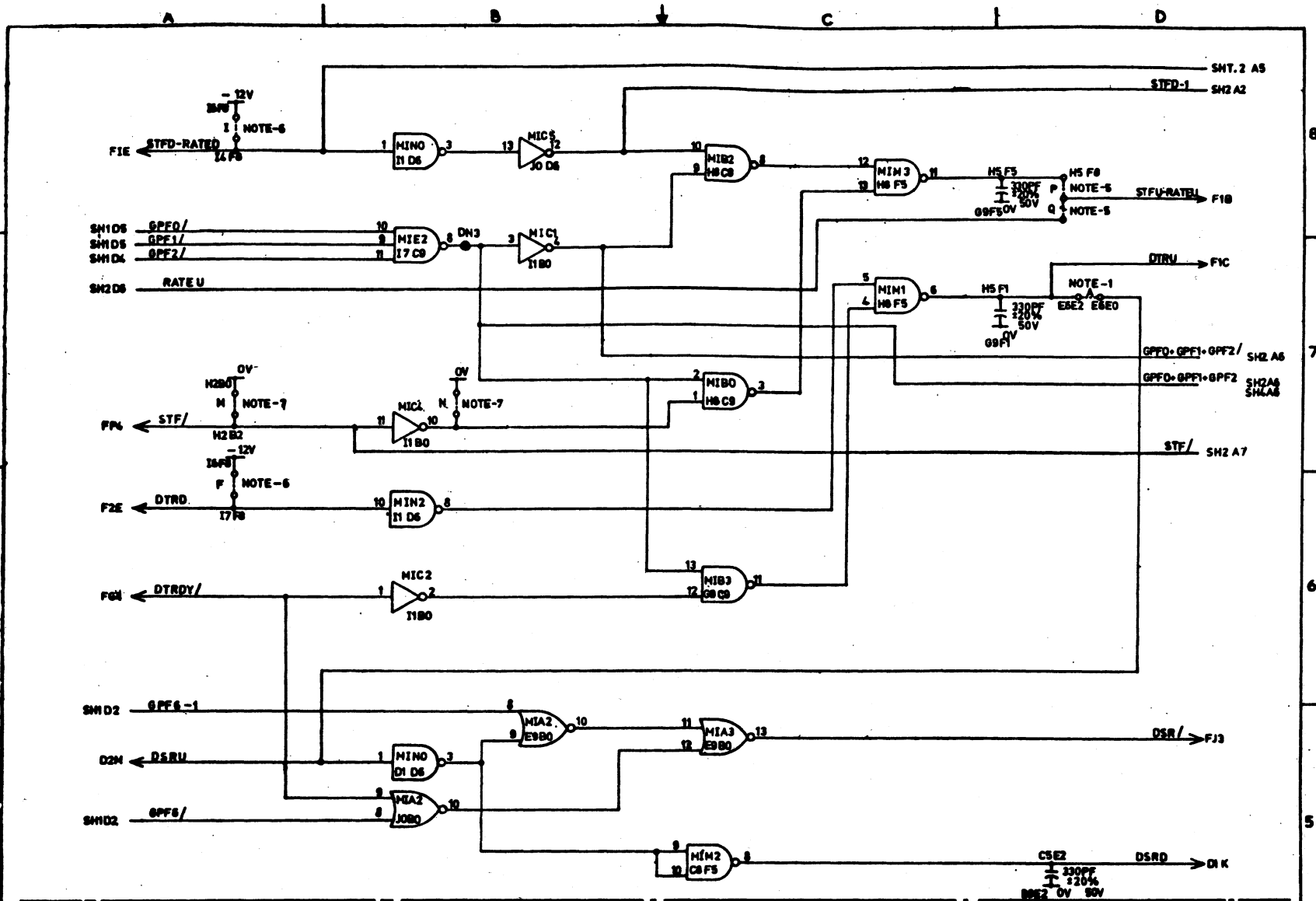
DS



| | | | | | | | | | | | | | | | | |
|--|---------------------|------------|-----------------|---------------------|----------|------------|-----------------|------------|------|----|------|------|------|------------------------|------|------|
| REV 1 2571 2027 | DATE NOV 17 1954 | BY R.M. | CHECKED R.M. | DATE AUG 15 1954 | REV F | QTY 485 | FIG. NO. 485 | CLASS CODE | DATE | BY | DATE | DATE | DATE | TITLE CWM SCHEMATIC | | |
| | | | | | | | | | | | | | | DES. NO. | DATE | DATE |
| PROPRIETARY TO BURROUGHS LTD TO BE REPRODUCED WITHOUT PERMISSION | | | | | | | | | | | | | | | | |

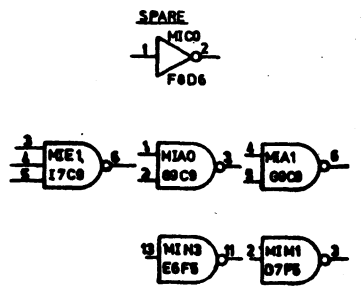


DS

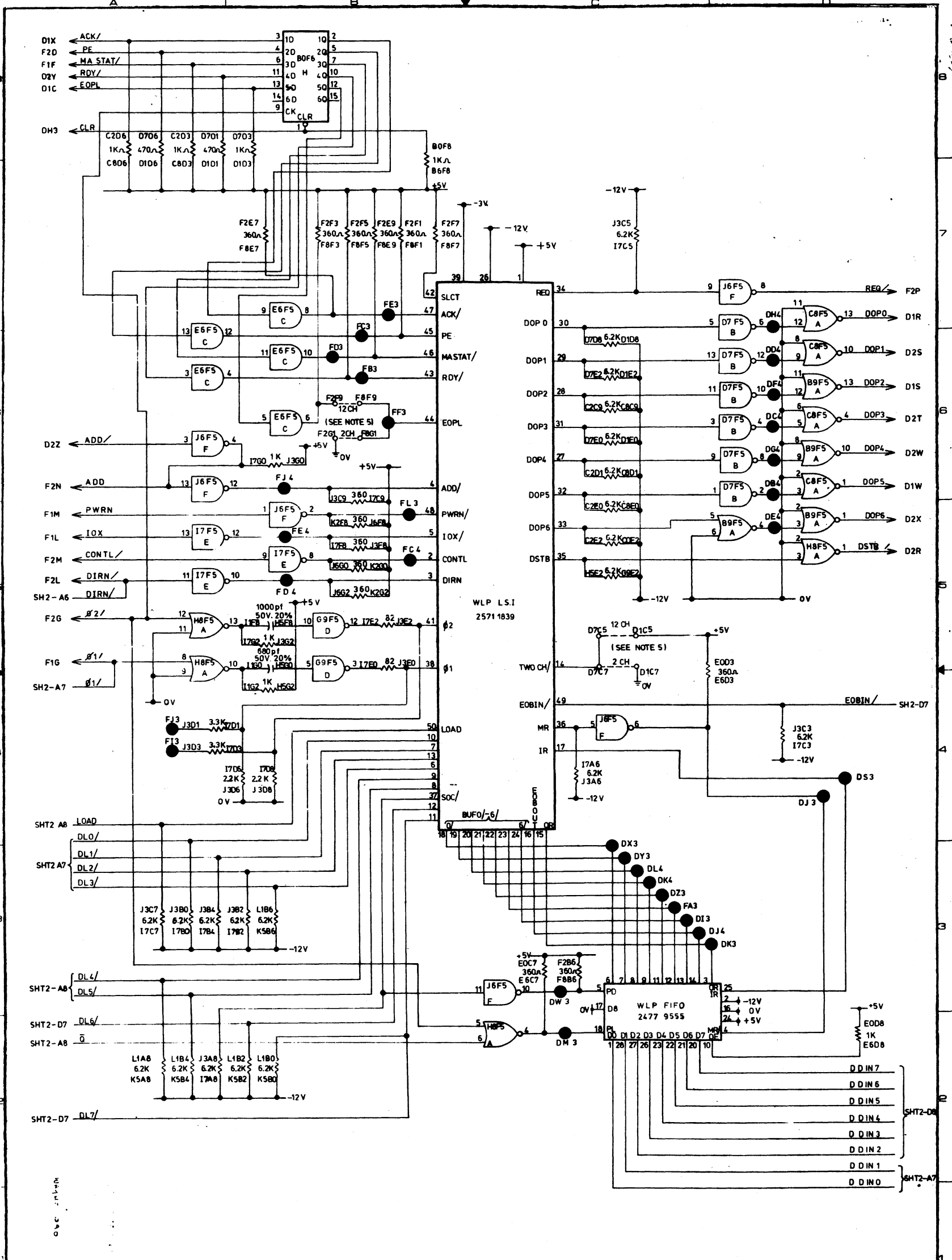


- DECOUPLING CAPACITORS POSITIONED AS ASSY DWG. - 2574 1075
- NOTES**
- FOR ASSY. SEE 2574 1075 FEB. 25, 75
 - CODES USED FOR COMPONENT PART NOS. ARE AS FOLLOWS:
- IC'S**
- MIA - 2500 4911
 - MIB - 1447 3516
 - MIC - 1447 3532
 - MID - 2500 4929
 - MIE - 1447 3540
 - MIF - 1447 3573
 - MIJ - 1447 3607
 - MIK - 1449 1278
 - MIL - 479 7971
 - MIL - 1534 9616
 - MIN - 2470 7044
3. LAST DIGIT OF IC CODE INDICATES ITS ELEMENT NUMBER.

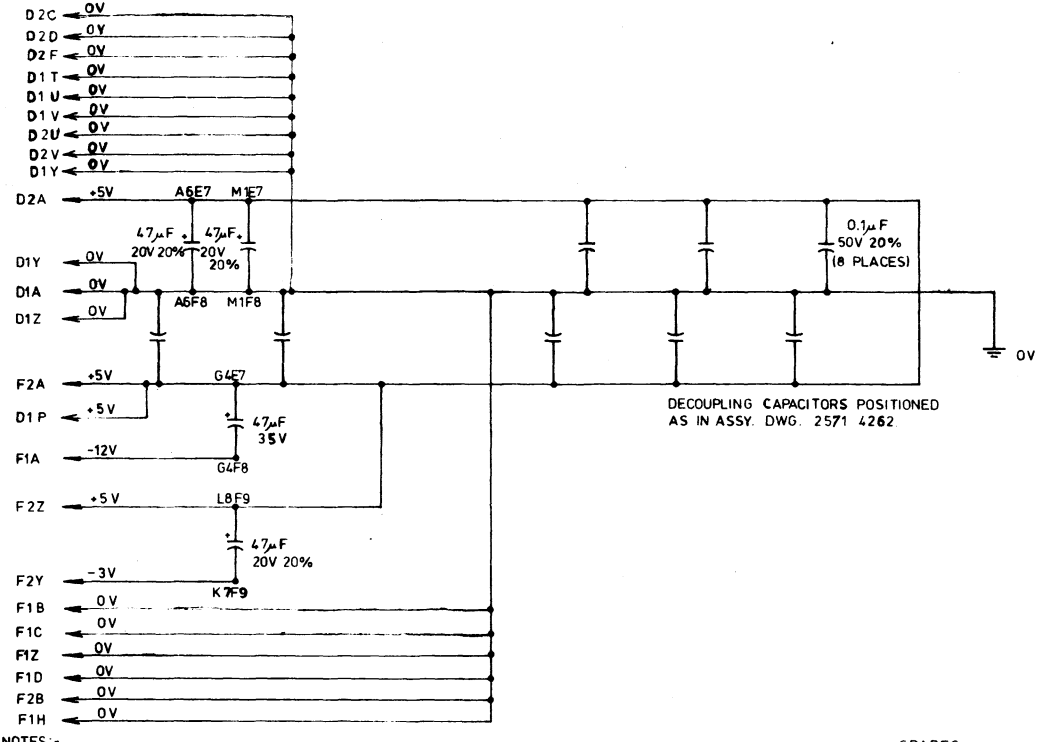
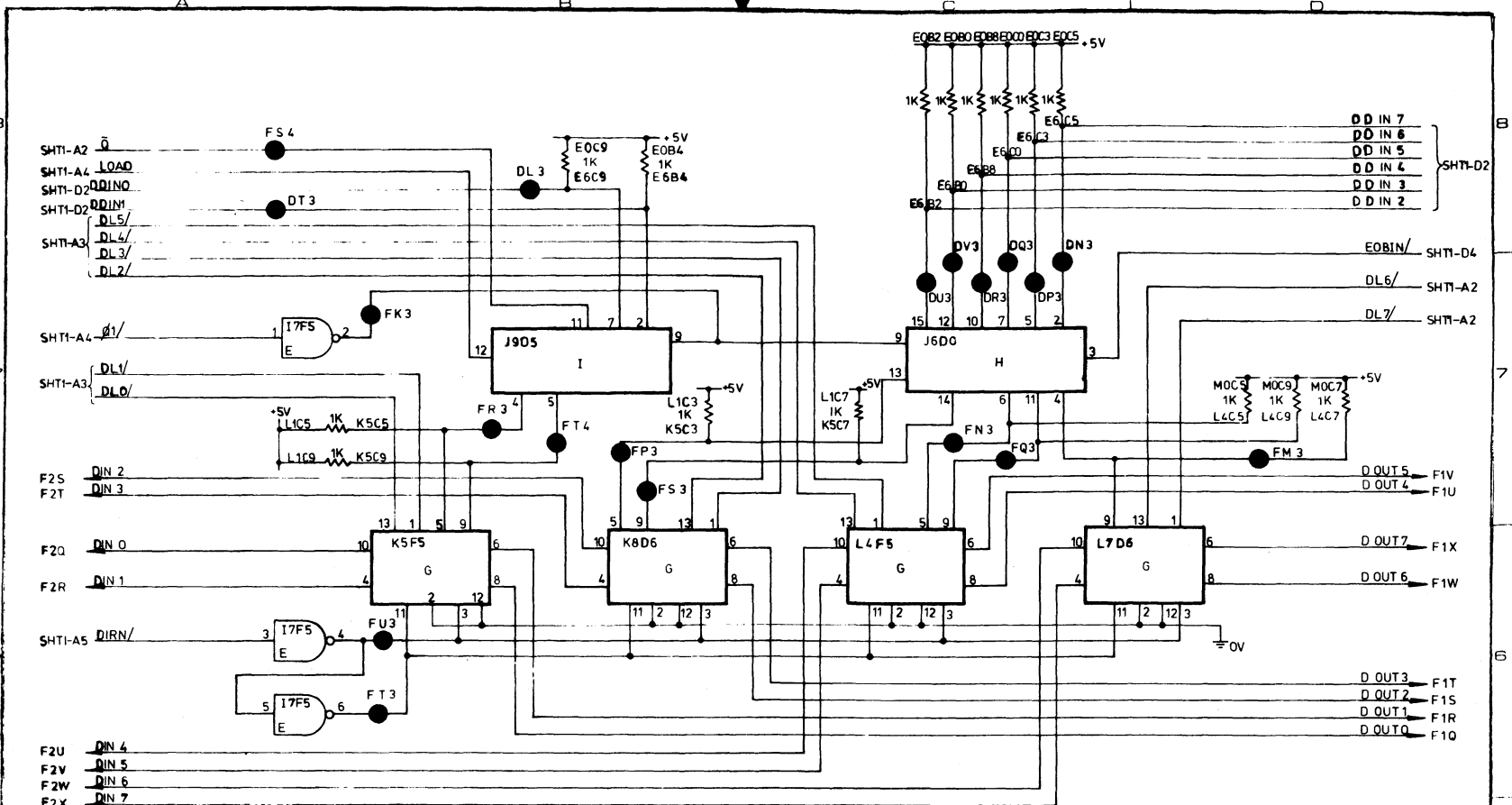
- NOTES**
- IF DATA SET DOES NOT SUPPLY "DATA SET READY" SIGNAL ADD LINK 'A'
 - ON CONCATENATED SYSTEM WITH T0500, ADD LINK 'B' ON TC5000 IF ANY TC: 1 IS POSITIONED DOWNSTREAM.
 - IF DATA SET DOES NOT HAVE AUTO ANSWER CAPABILITY ADD LINK 'D'
 - LINK 'D' TO BE REMOVED AND LINK 'A' PADDED IF DATA SET USES SELECT TRANSMIT FREQUENCY SIGNAL
 - IF THERE IS NO OTHER TERMINAL DOWNSTREAM ADD LINK 'E', 'G', 'H', 'J', AND 'L'
 - FOR CERTAIN LOW SPEED DATA SETS ADD LINKS 'M' AND 'N'
- REGARDING NOTES 1-7 REFER INSTL. INSTRUCTIONS



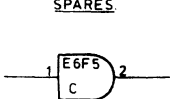
DS

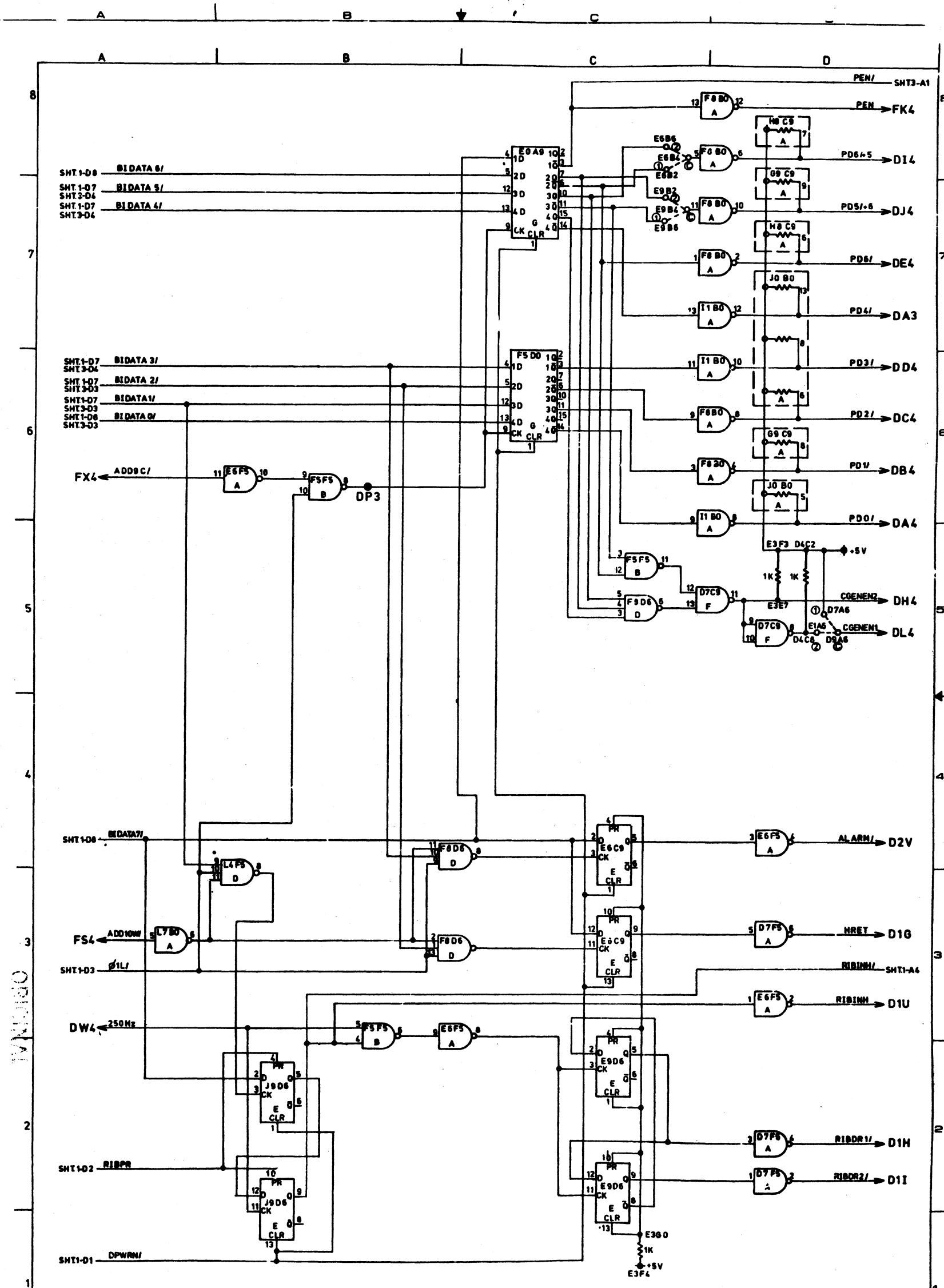


| | | | | | |
|-------------|-------|-----------|------------|------------------------------|----------|
| 2571 4288 | | Burroughs | | WIDE LINE PRINTER SCHEMATIC. | |
| DESIGNED BY | A. C. | DATE | MAY 21, 75 | DRAWN BY | H. L. N. |
| APPROVED BY | J. A. | DATE | MAY 27, 75 | CHECKED BY | J. A. |
| ENG. COMP. | | DATE | | CLASS CODE | 2-9520 |
| DRAWING NO. | | | 2571 4288 | | |
| PAGE | | | 1 OF 2 | | |



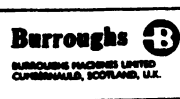
- NOTES:-
- 1) FOR ASSEMBLY SEE 2571 4262. LSI ASSEMBLY 2571 4247
 - 2) CODES USED FOR COMPONENT PART NUMBERS AS FOLLOWS:-
- | | | |
|---|------|------|
| A | 1269 | 6860 |
| B | 1447 | 3532 |
| C | 2600 | 1669 |
| D | 1846 | 5229 |
| E | 1479 | 7971 |
| F | 1874 | 4963 |
| G | 2571 | 0104 |
| H | 1449 | 1250 |
| I | 1449 | 1278 |
- 3) UNLESS OTHERWISE SPECIFIED RESISTANCE VALUES ARE IN OHMS.
 - 4) ALL FRONTPLANE PINS INDICATED WITH AN ASTERISK MUST MATE WITH FRONTPLANE PINS OF ASSEMBLY LOCATED IN ADJACENT CARD SLOT. SEE APPLICABLE CARD LOCATION CHART.
 - 5) WHEN 2 CHANNEL OPERATION REQUIRED REMOVE LINKS AT F2F9, F8F9 & D1C5, D7C5
WHEN 12 CHANNEL OPERATION REQUIRED REMOVE LINKS AT F2G1, F8G1 & D1C7, D7C7.





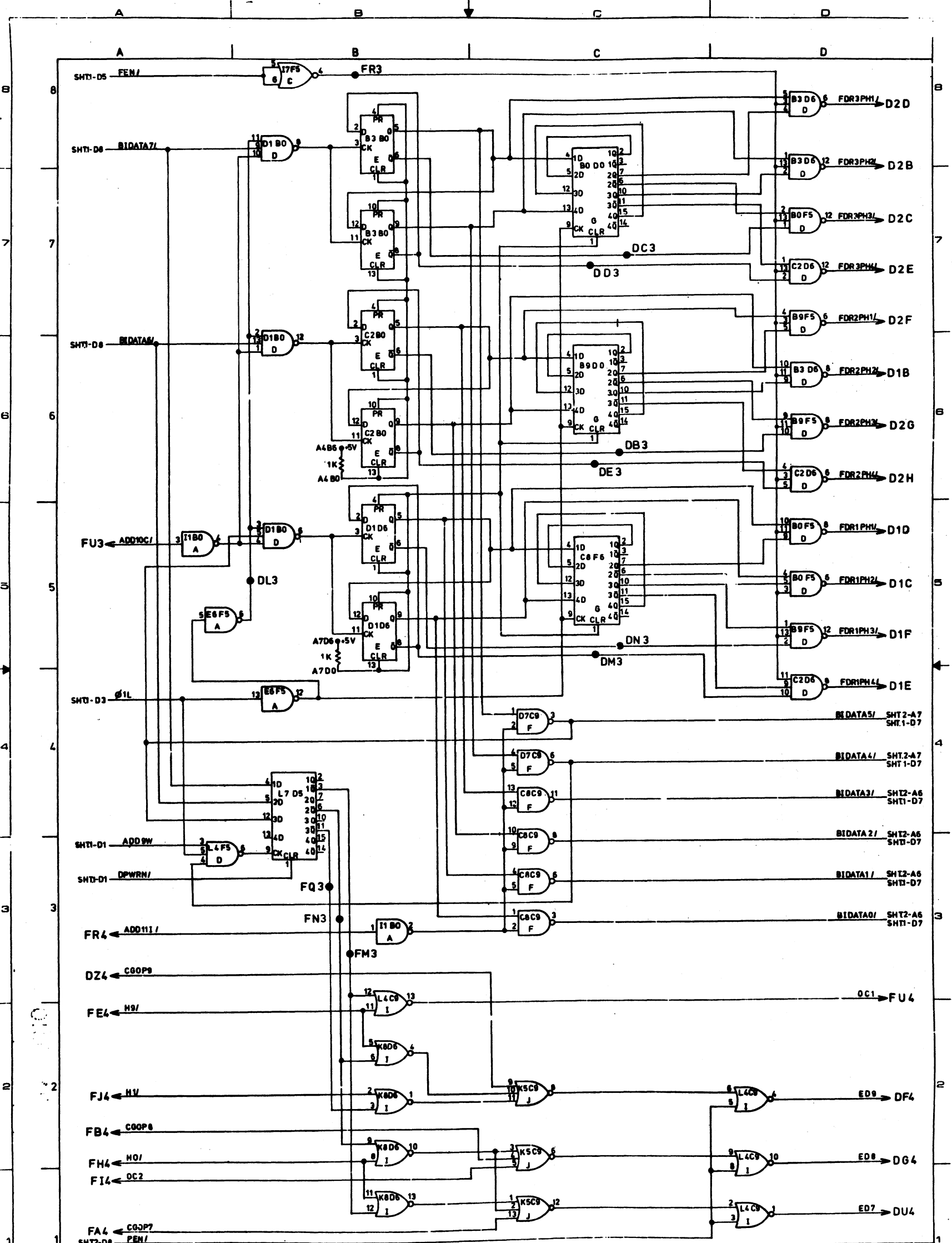
ORIGINAL

2571 4864
2 of 4



| | | | |
|--|-------------------|------------------------|------------------------|
| 180 C.P.S. PCF. DEV. CONT. BOARD 2-SCHEMATIC | | | |
| DESIGNER J.C. Traylor | DATE Oct 24/76 | DESIGNED BY C.B. | DRAWN BY SEPT 18 75 |
| APPROVED [Signature] | DATE Oct 24/76 | CHECKED [Signature] | NO. 2571 4866 |
| CLASS CODE 2-9620 | REV E | PAGE 2 of 4 | |

PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES WITHOUT THE WRITTEN CONSENT OF BURROUGHS

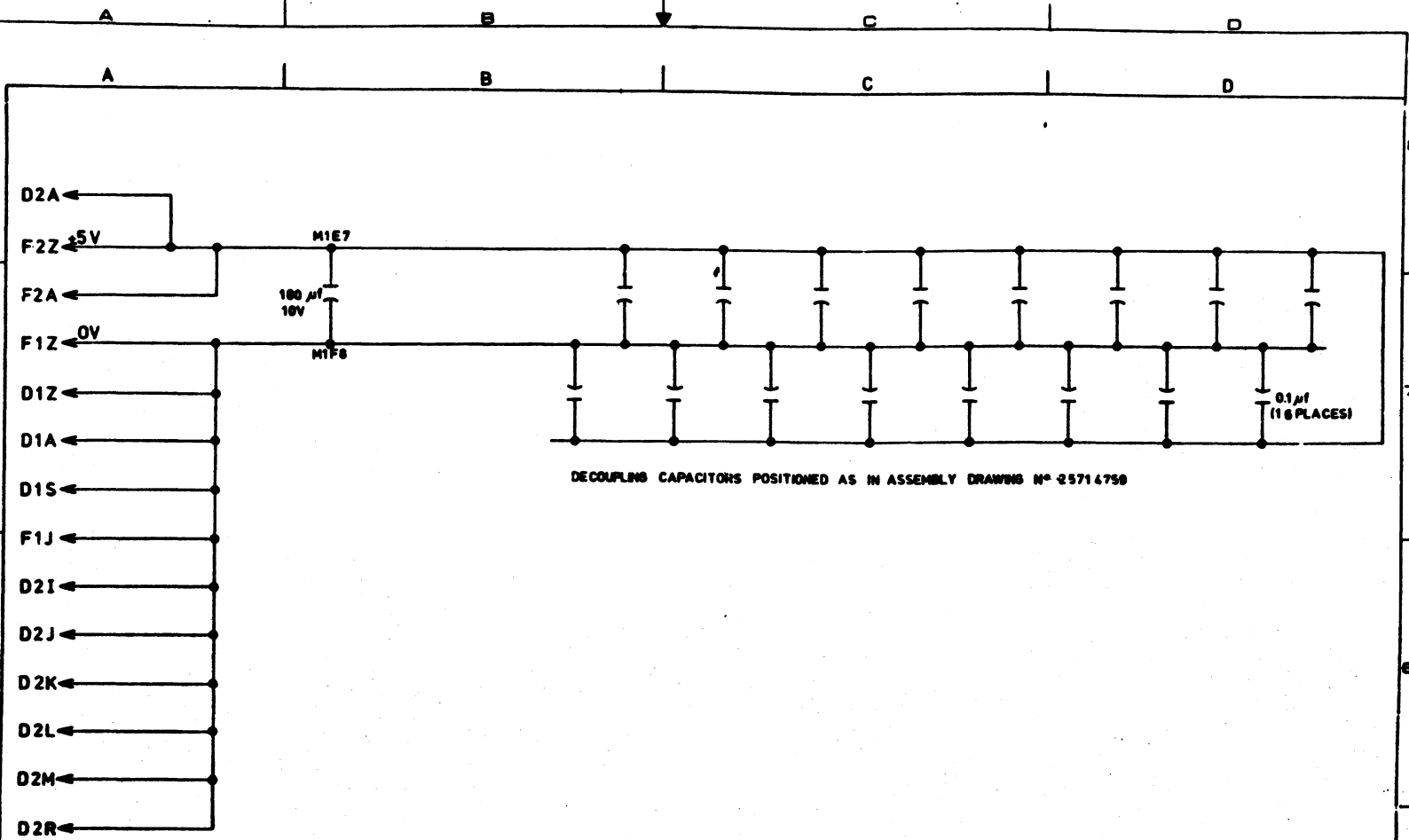


| | | | | | | | | | |
|---|--|-------------------------|--|----------------------|--|---------------------------|--|---------------------------------|--|
| Drawing No. 2571 4866 | | DATE 20/10/75 | | DRAWN C B | | DATE SEPT 18 75 | | DRAWING NO. 2571 4866 | |
| CHECKED AS | | DATE 22/11/75 | | CHECKED AS | | DATE 22/11/75 | | CLASS CODE 7-9520 | |
| PROJECT 180 C.P.S. PCF DEV. CONT. BOARD 2 | | SHEET NO. 3 | | OF 4 | | CLASS CODE E | | PAGE 3 | |



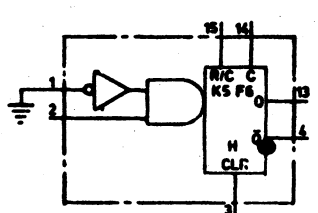
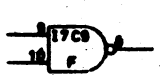
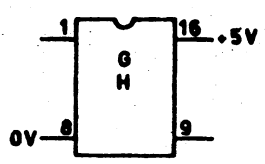
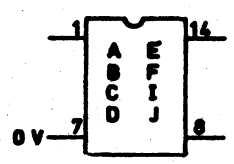
180 C.P.S. PCF DEV. CONT. BOARD 2-SCHEMATIC

PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES, EXCEPT BY BURROUGHS OR BY WHOLESALE CLIENT



DECOUPLING CAPACITORS POSITIONED AS IN ASSEMBLY DRAWING NO 25714759

SPARES



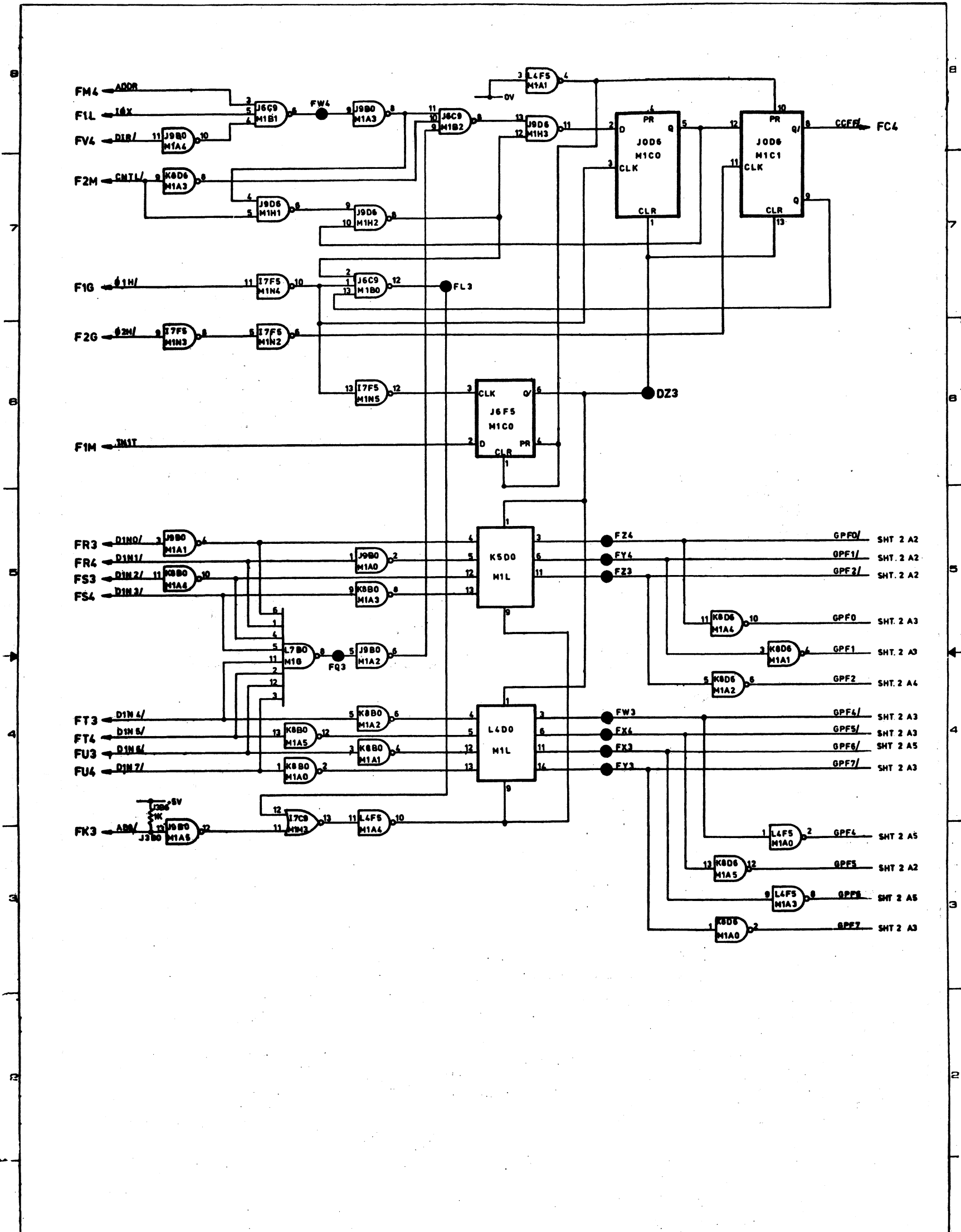
NOTES

1. FOR ASSEMBLY SEE 25714759
 2. UNLESS OTHERWISE SPECIFIED RESISTOR VALUES ARE IN OHMS ±5% 1/2W
 3. CODES FOR COMPONENTS ARE AS FOLLOWS
- | | | | | |
|---|---|-----------|---|---------|
| A | — | 1447 3532 | — | SN7407 |
| B | — | 1447 3516 | — | SN7400 |
| C | — | 1209 6860 | — | SN74128 |
| D | — | 1447 3540 | — | SN7410 |
| E | — | 1447 3607 | — | SN7474 |
| F | — | 1447 3501 | — | SN7430 |
| G | — | 1449 1278 | — | SN74175 |
| H | — | 2158 6235 | — | SN74123 |
| I | — | 2600 4811 | — | SN7402 |
| J | — | 2600 4929 | — | SN7427 |
- RESISTORS
- | | | |
|---|-----------|--------------|
| A | 2571 1912 | 1K Ω |
| B | 2571 1755 | 360 Ω |

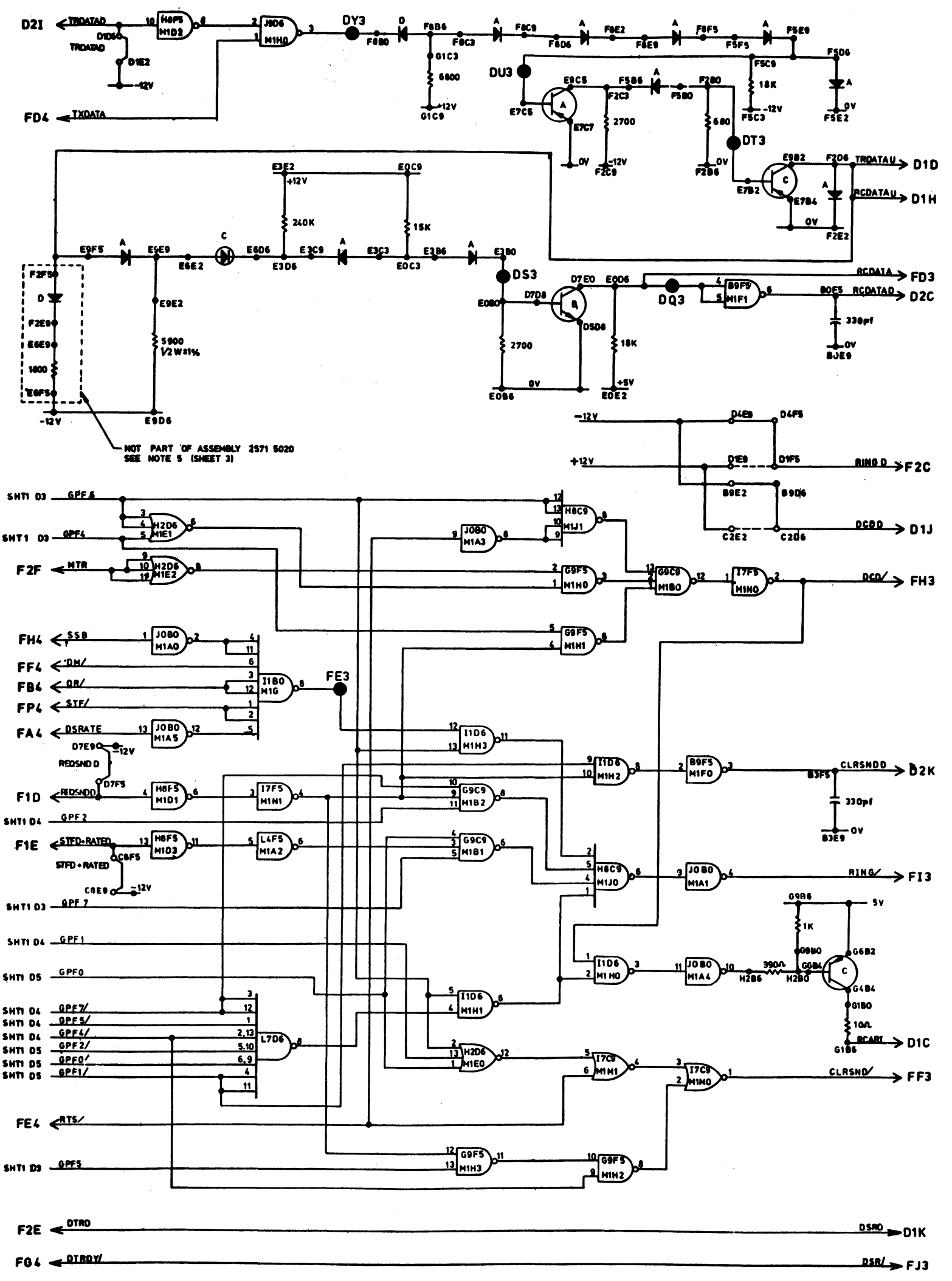
2571 4866
4 of 4



| | | | |
|--|----------|----------|----------|
| 180 C.P.S. PCF. DEV. CONT. BOARD 2-SCHEMATIC | | | |
| DATE | DATE | DATE | DATE |
| 10/20/75 | 10/20/75 | 10/20/75 | 10/20/75 |
| CHECKED | C.B. | CHECKED | C.B. |
| 10/20/75 | | 10/20/75 | |
| CLASS CODE | REV | PAGE | |
| 2-9520 | E | 4 of 4 | |



| | | | | | |
|---------------------|--|--------------------|--------------|--------------------|--------------------------|
| 2571 5038 1 of 3 | BURROUGHS BURROUGHS MANUFACTURING LIMITED 200 - JAMES STREET, U.S.A. | SCHEMATIC CTD I. | | | |
| | | DATE JUNE 6, 75 | DRAWN RNC | DATE JUNE 6, 75 | DRAWING NO. 2571 5038 |
| REV E | 1 of 3 | (DS) | | | |



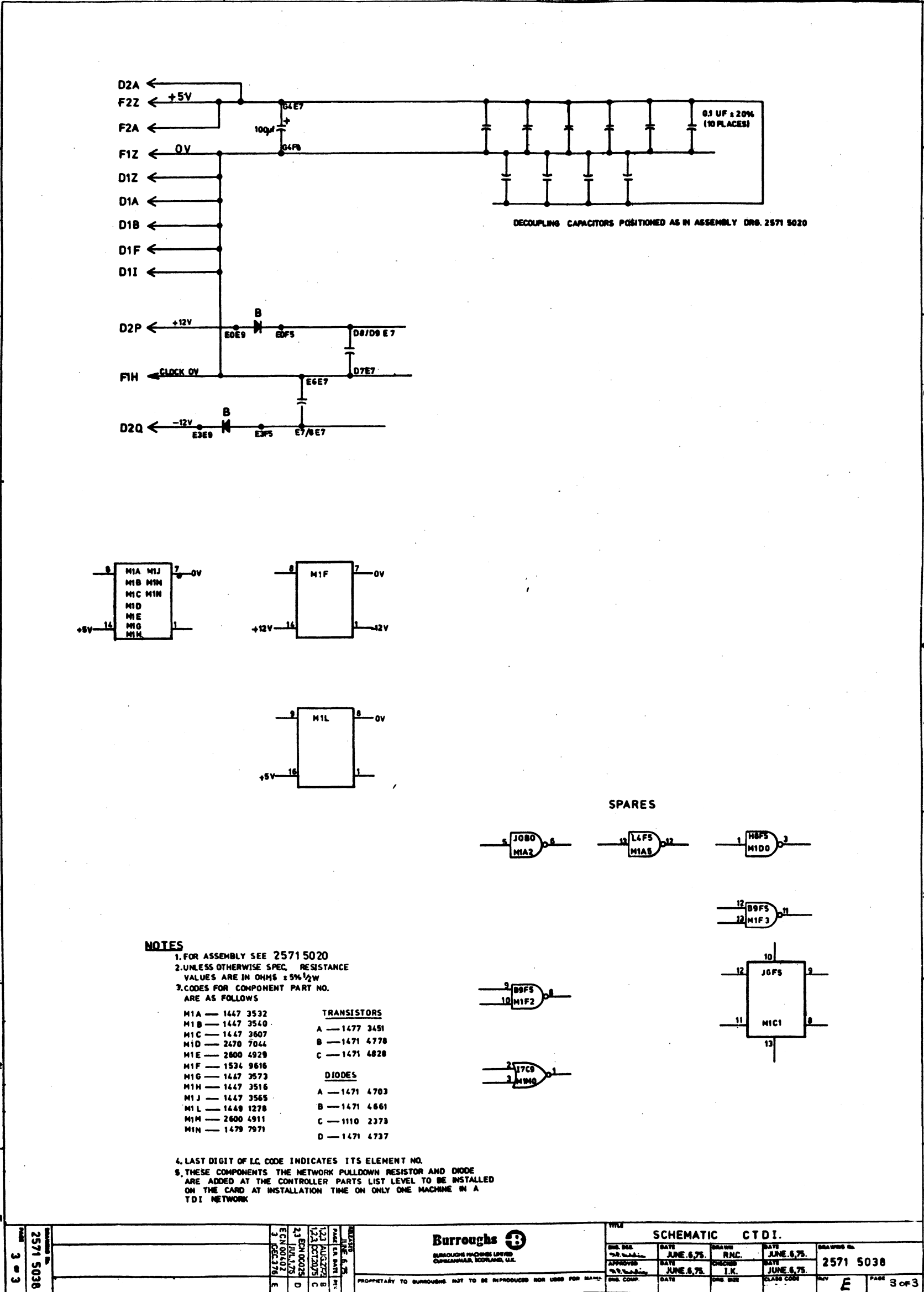
| | | | |
|-----------|--------|------------|----------|
| 2571 5038 | REV. 1 | DATE | APPROVED |
| 2 | 1 | JUNE 6, 75 | RNC |
| 3 | 2 | JUNE 6, 75 | I.K. |
| 4 | 3 | | |
| 5 | 4 | | |

Barroughs
 BARROUGHS PROCESS LIMITED
 CHESHAM, HERTS., ENGLAND, U.K.

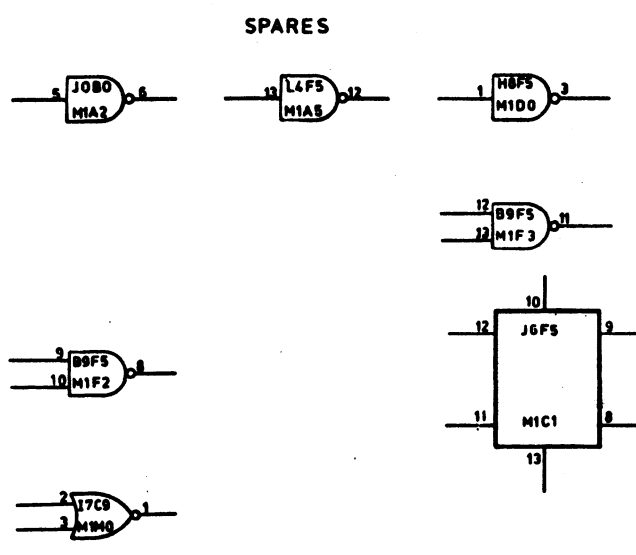
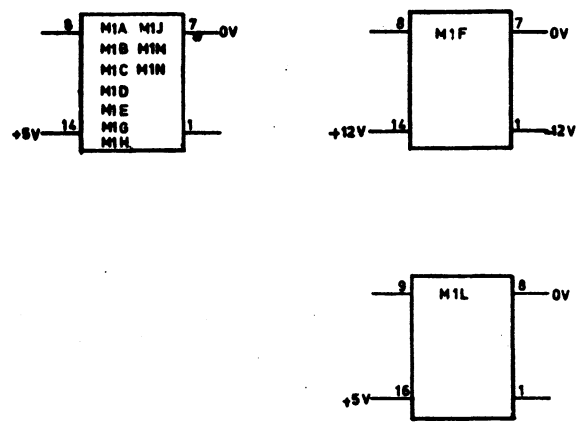
| | | | |
|-----------------|------|------------|------------|
| SCHEMATIC CTDI. | | DATE | DATE |
| DATE | DATE | JUNE 6, 75 | JUNE 6, 75 |
| DATE | DATE | JUNE 6, 75 | JUNE 6, 75 |
| DATE | DATE | | |
| DATE | DATE | | |

2571 5038
 E PAGE 2 of 3

DS



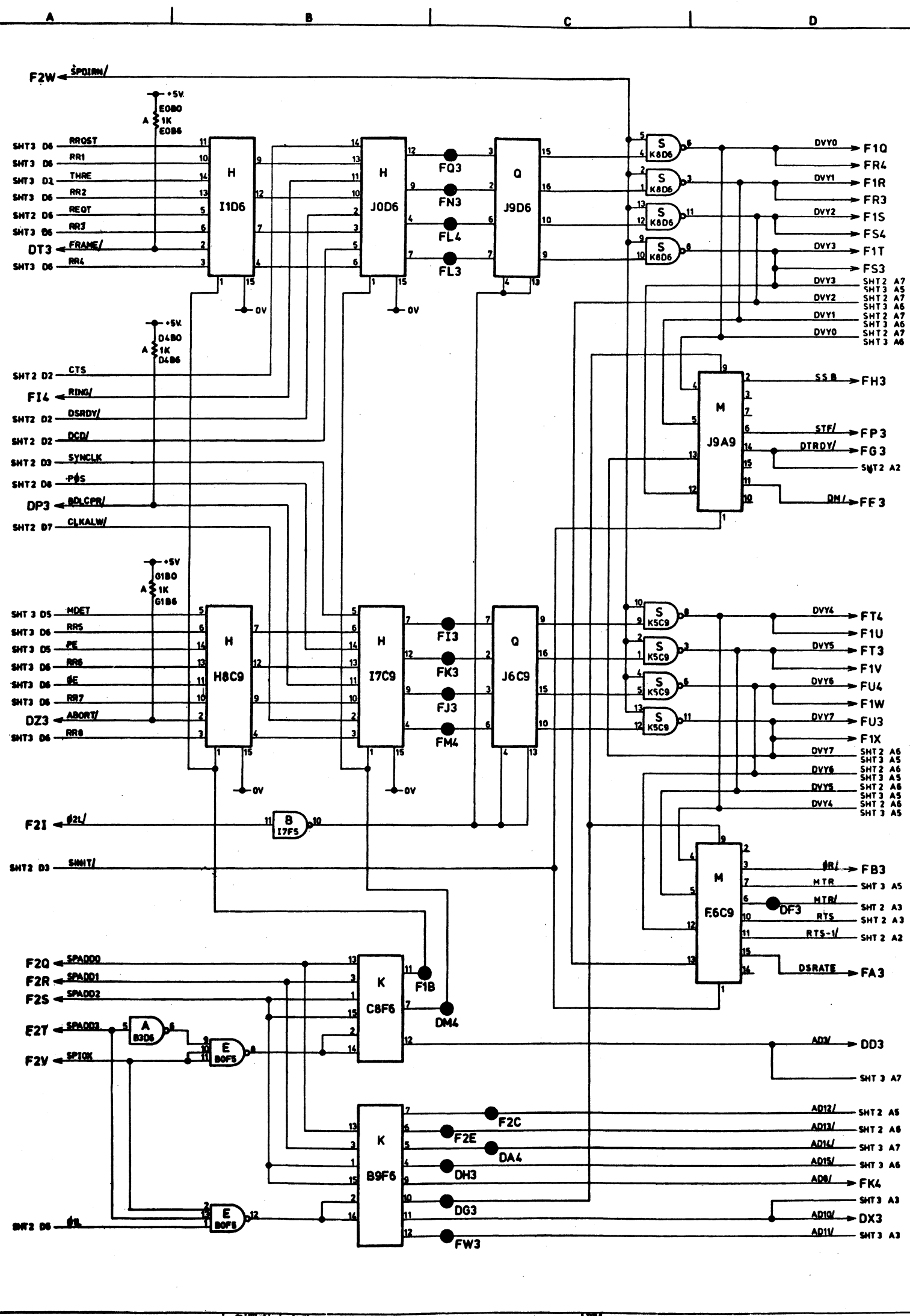
DECOUPLING CAPACITORS POSITIONED AS IN ASSEMBLY DRG. 2571 5020



NOTES

1. FOR ASSEMBLY SEE 2571 5020
 2. UNLESS OTHERWISE SPEC. RESISTANCE VALUES ARE IN OHMS ± 5% 1/2W
 3. CODES FOR COMPONENT PART NO. ARE AS FOLLOWS
- | | |
|-----------------|--------------------|
| M1A — 1447 3532 | TRANSISTORS |
| M1B — 1447 3540 | A — 1477 3451 |
| M1C — 1447 3607 | B — 1471 4778 |
| M1D — 2470 7044 | C — 1471 4828 |
| M1E — 2600 4929 | |
| M1F — 1534 9616 | DIODES |
| M1G — 1447 3573 | A — 1471 4703 |
| M1H — 1447 3516 | B — 1471 4661 |
| M1J — 1447 3565 | C — 1110 2373 |
| M1L — 1448 1278 | D — 1471 4737 |
| M1M — 2600 4911 | |
| M1N — 1479 7971 | |
4. LAST DIGIT OF LC CODE INDICATES ITS ELEMENT NO.
 5. THESE COMPONENTS THE NETWORK PULLDOWN RESISTOR AND DIODE ARE ADDED AT THE CONTROLLER PARTS LIST LEVEL TO BE INSTALLED ON THE CARD AT INSTALLATION TIME ON ONLY ONE MACHINE IN A TDI NETWORK





257K 2008
1 of 4

| | | | |
|-----|------|----|------|
| REV | DATE | BY | CHKD |
| 1 | | | |



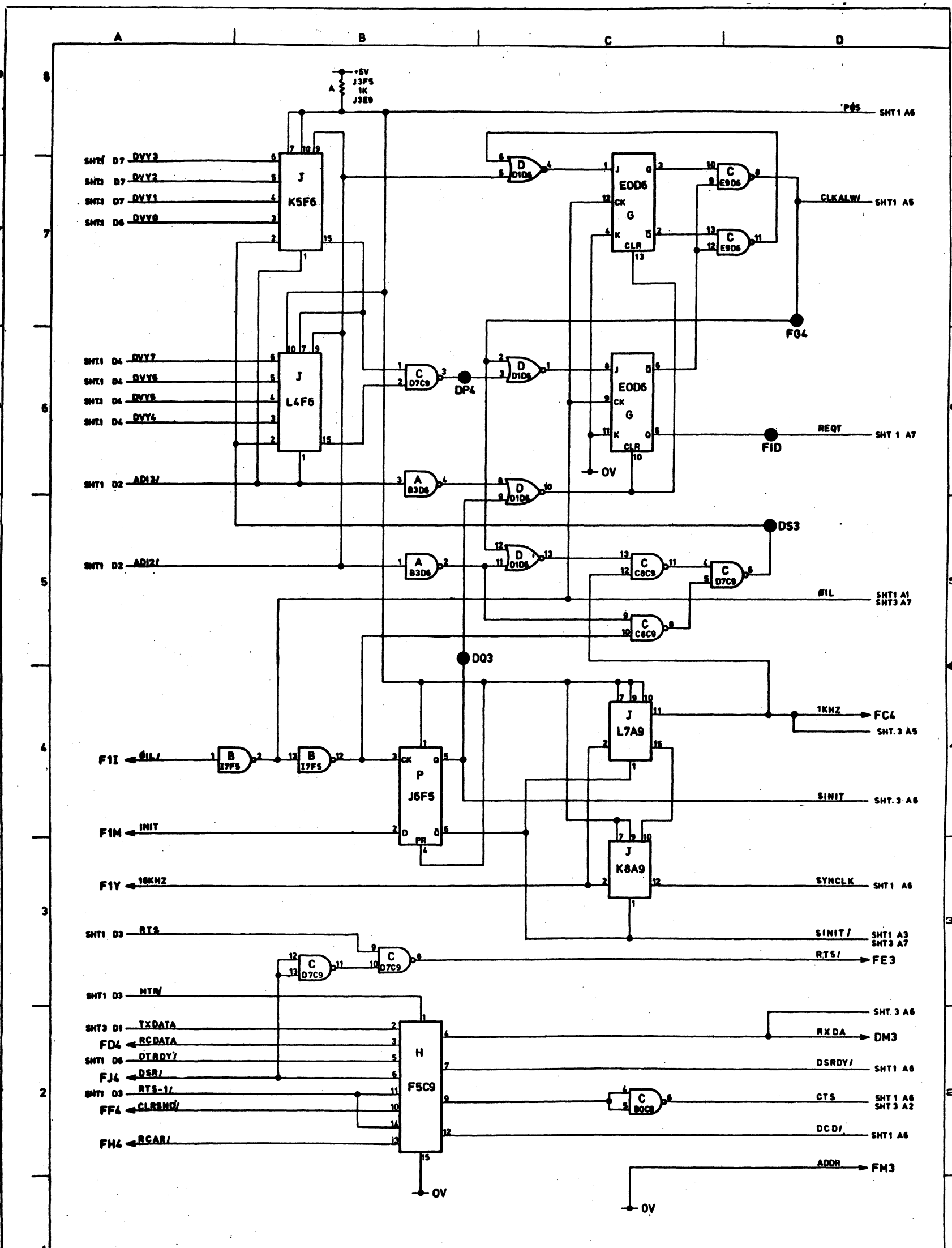
PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR ANY OTHER PURPOSE.

SCHEMATIC SDC-1

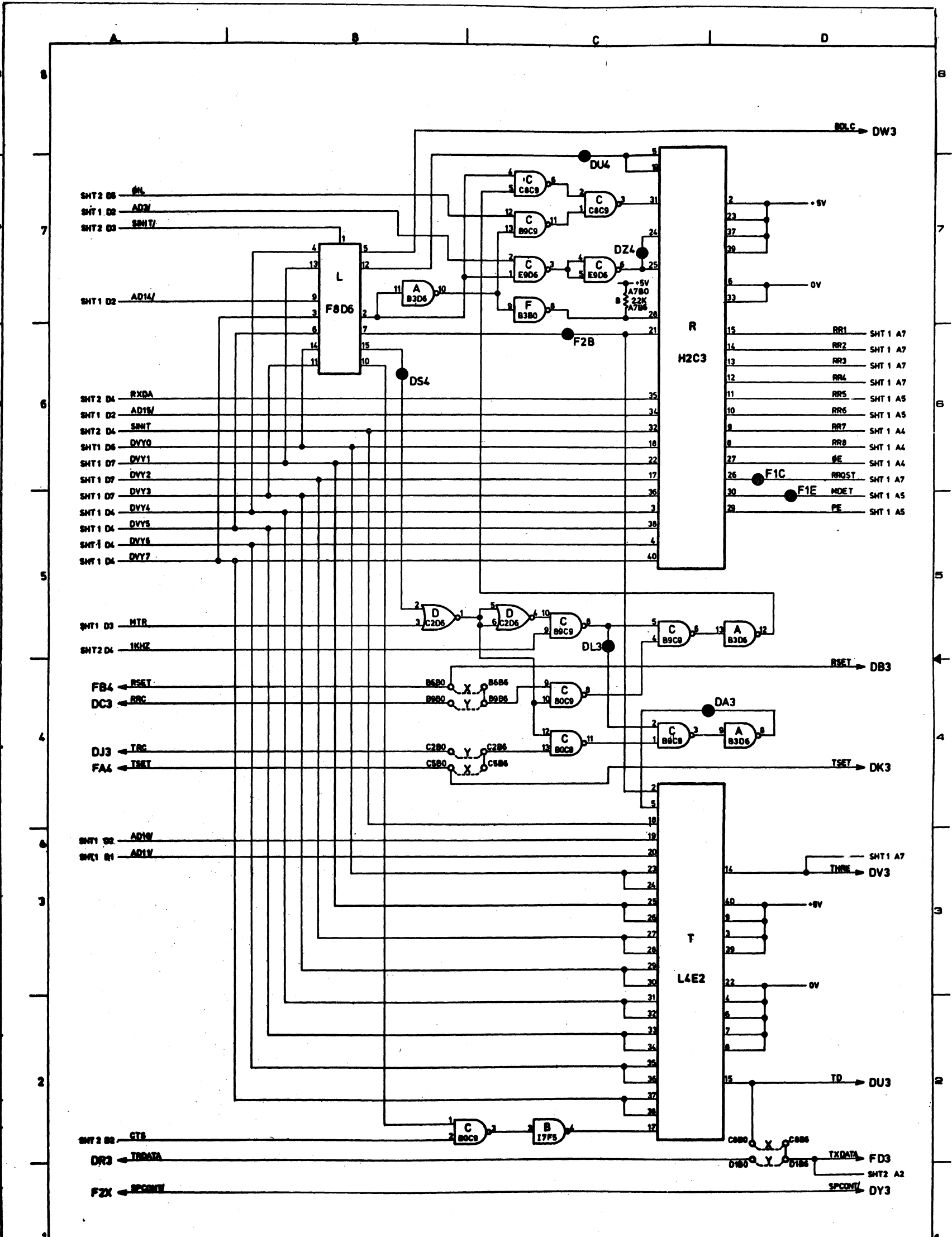
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|------|----|------|------|----|------|
| DATE | BY | CHKD | DATE | BY | CHKD |
| | | | | | |

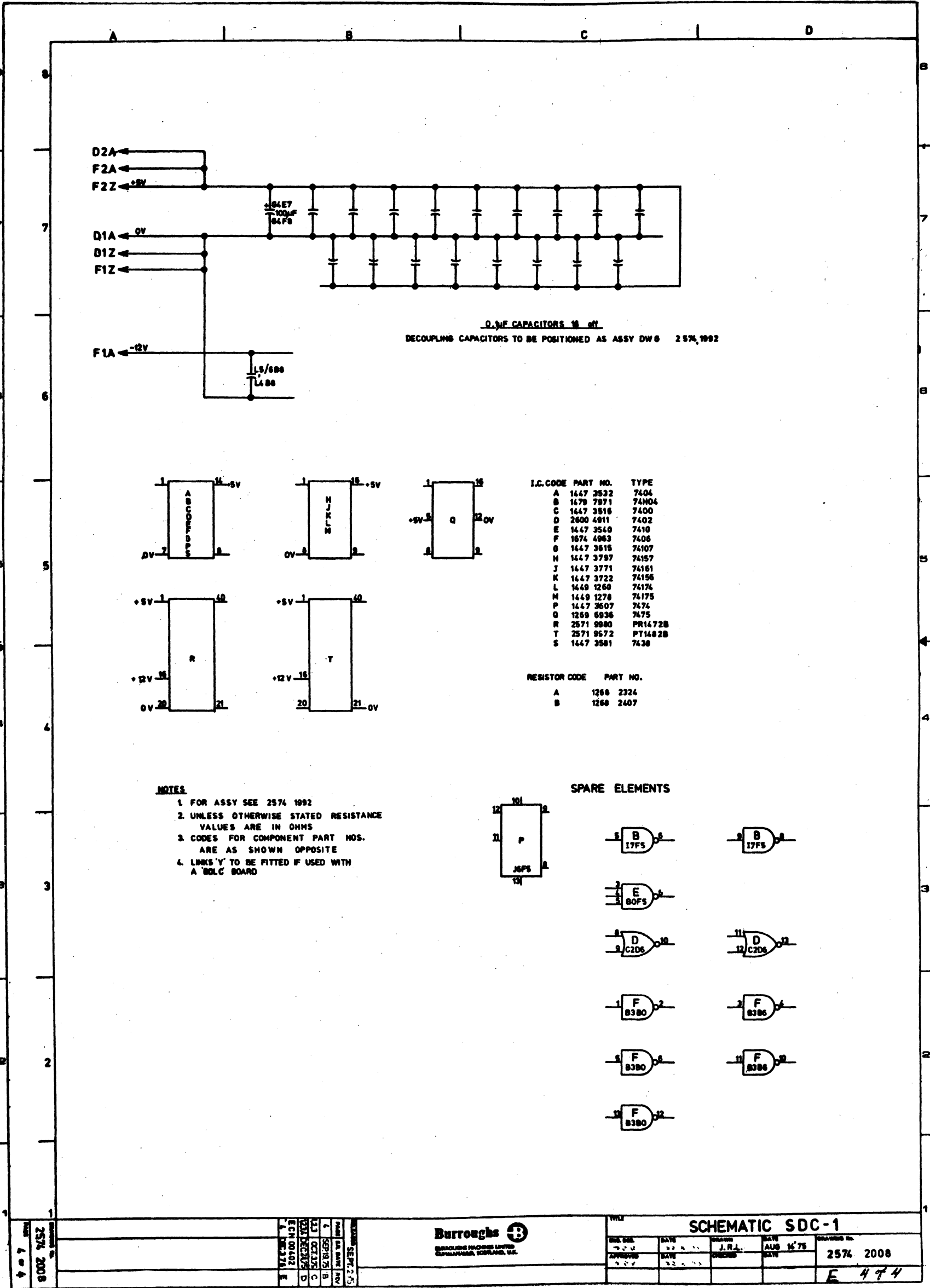
2574 2008

1 of 4

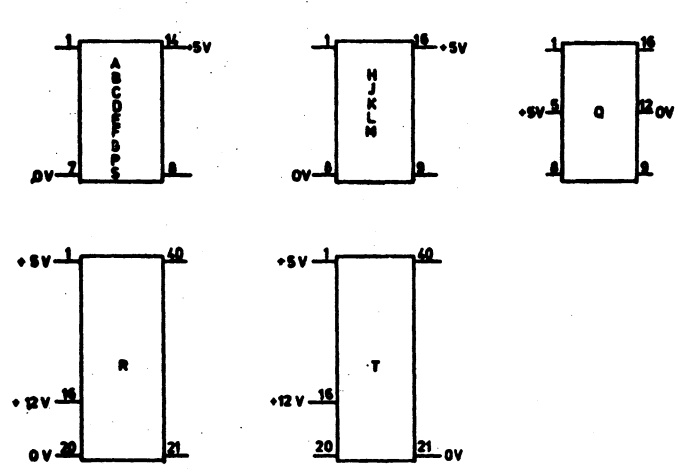


| | | | | | | |
|---------------------|---|------------------------------|-------------------------------|--------------------|--------------------------|-----------|
| 2574 2008 2 of 4 | BURROUGHS BURROUGHS PARSONS LIMITED CUPERTINO, CALIFORNIA, U.S.A. | | WJL SCHEMATIC SDC-1 | | | |
| | DES. NO. DATE APPROVED DES. COMP. | DATE DATE DATE DATE | DESIGNED J. R. L. | DATE AUG 14 '75 | DRAWING NO. 2574 2008 | REV. E |
| | PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR REPRODUCTION. | | CLASS CODE | PART NO. 214 | (DS) | |
| | 2574 2008 | | | | | |





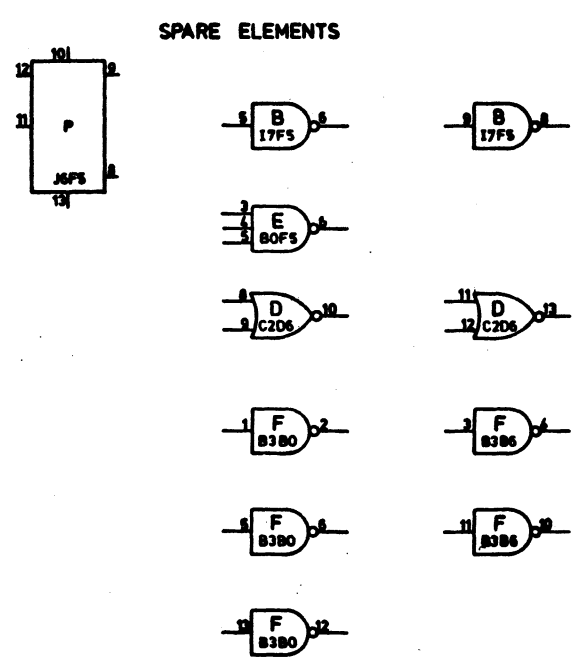
0.1μF CAPACITORS 10 ohm
 DECOUPLING CAPACITORS TO BE POSITIONED AS ASSY DWG 2574,1992



| I.C. CODE | PART NO. | TYPE |
|-----------|-----------|---------|
| A | 1447 3532 | 7404 |
| B | 1479 7971 | 74H04 |
| C | 1447 3516 | 7400 |
| D | 2600 4911 | 7402 |
| E | 1447 3540 | 7410 |
| F | 1874 4963 | 7406 |
| G | 1447 3615 | 74107 |
| H | 1447 3797 | 74157 |
| J | 1447 3771 | 74161 |
| K | 1447 3722 | 74156 |
| L | 1449 1260 | 74174 |
| M | 1449 1278 | 74175 |
| P | 1447 3607 | 7474 |
| Q | 1269 6936 | 7475 |
| R | 2571 9880 | PR1472B |
| T | 2571 9572 | PT1442B |
| S | 1447 3561 | 7438 |

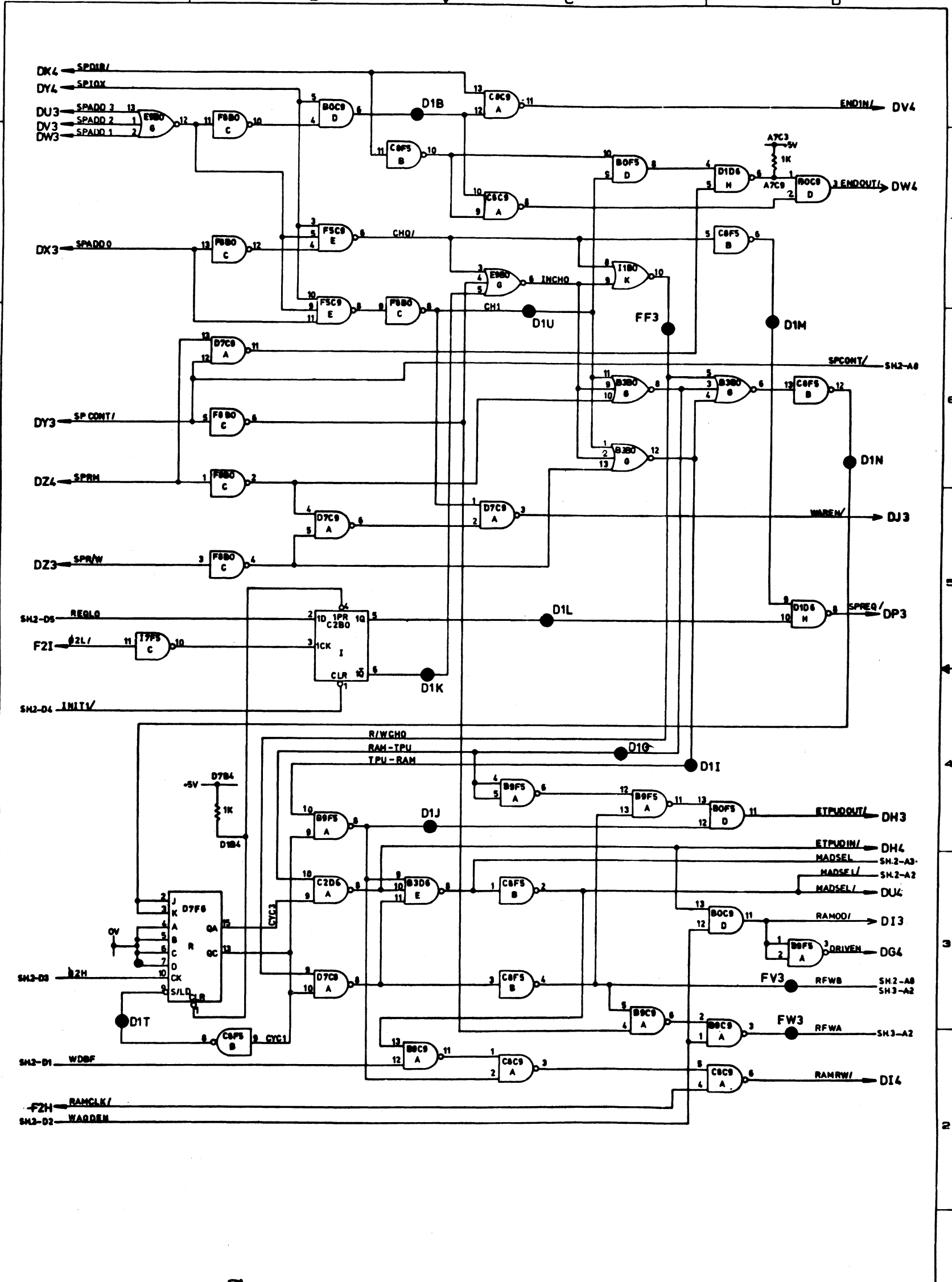
| RESISTOR CODE | PART NO. |
|---------------|-----------|
| A | 1268 2324 |
| B | 1268 2407 |

- NOTES**
- FOR ASSY SEE 2574 1992
 - UNLESS OTHERWISE STATED RESISTANCE VALUES ARE IN OHMS
 - CODES FOR COMPONENT PART NOS. ARE AS SHOWN OPPOSITE
 - LINKS 'Y' TO BE FITTED IF USED WITH A 'BOLC' BOARD

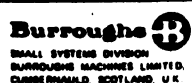


INPUTS

OUTPUTS



| | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|---------------|--|------------------|--|-------------|--|-----------|--|-------------|--|--------------|--|-------------|--|-------------|--|-------------|--|-------------|--|
| <p>2574 5423</p> | | <p>1 of 4</p> | | <p>REVISIONS</p> | | <p>DATE</p> | | <p>BY</p> | | <p>CHKD</p> | | <p>APP'D</p> | | <p>DATE</p> | | <p>CHKD</p> | | <p>DATE</p> | | <p>CHKD</p> | |
| <p>2574 5423</p> | | <p>1 of 4</p> | | <p>REVISIONS</p> | | <p>DATE</p> | | <p>BY</p> | | <p>CHKD</p> | | <p>APP'D</p> | | <p>DATE</p> | | <p>CHKD</p> | | <p>DATE</p> | | <p>CHKD</p> | |
| <p>2574 5423</p> | | <p>1 of 4</p> | | <p>REVISIONS</p> | | <p>DATE</p> | | <p>BY</p> | | <p>CHKD</p> | | <p>APP'D</p> | | <p>DATE</p> | | <p>CHKD</p> | | <p>DATE</p> | | <p>CHKD</p> | |



SMALL SYSTEMS DIVISION
BURROUGHS MACHINES LIMITED
CUMBERNAULD, SCOTLAND, U.K.

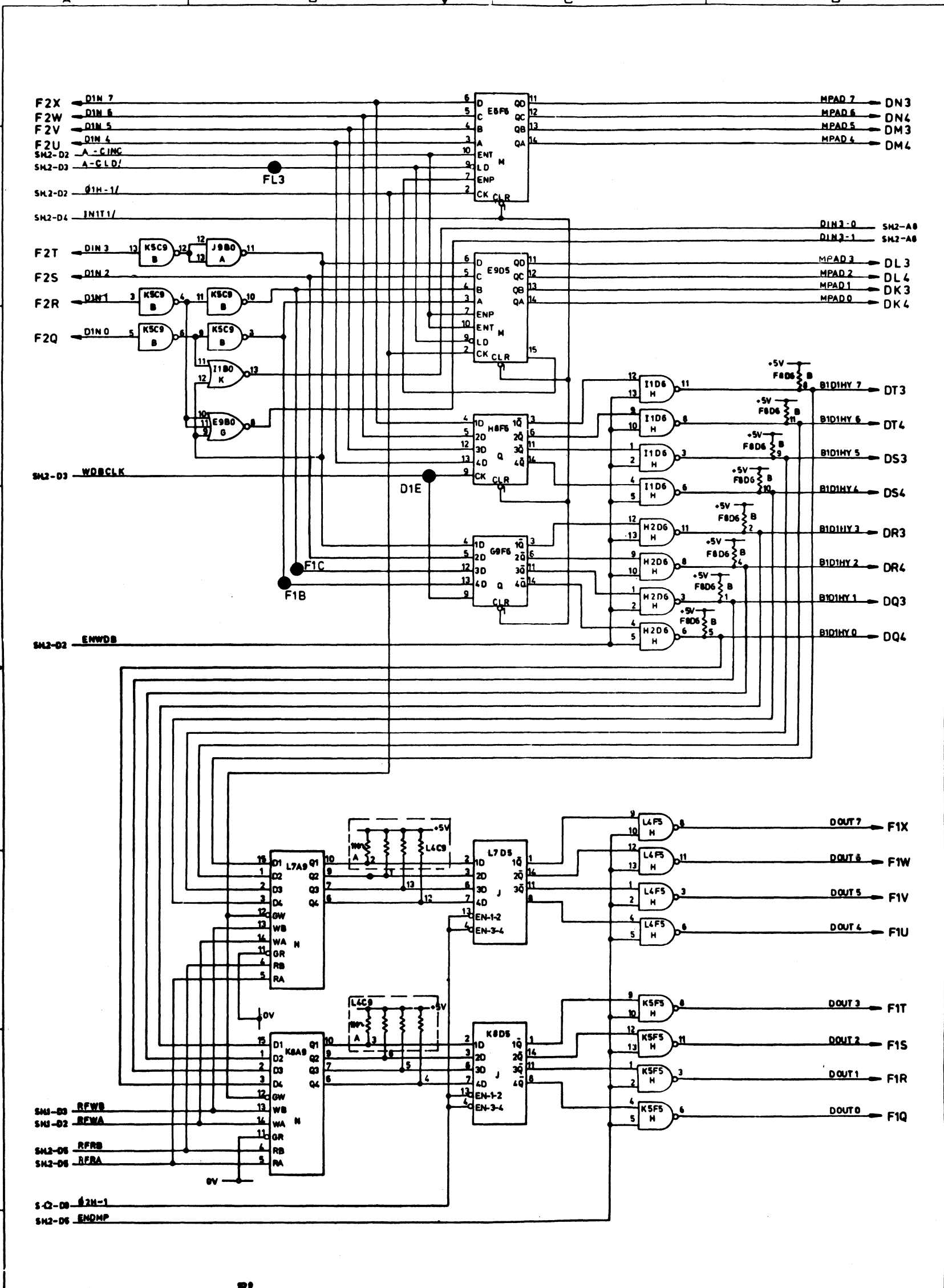
SCHEMATIC SOFT CONTROLLER 'A'

| | | | | |
|-------------|------|-----------|----------------|-------------|
| DESIGNED BY | DATE | DRAWN | DATE | DRAWING NO. |
| APPROVED | DATE | CHECKED | DATE | 2574 5423 |
| ENG. COMP. | DATE | DWG. SIZE | CLASSIFICATION | REV. C |
| | | A1 | 2-9520 | 4 |

PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN COMMENT.

INPUTS

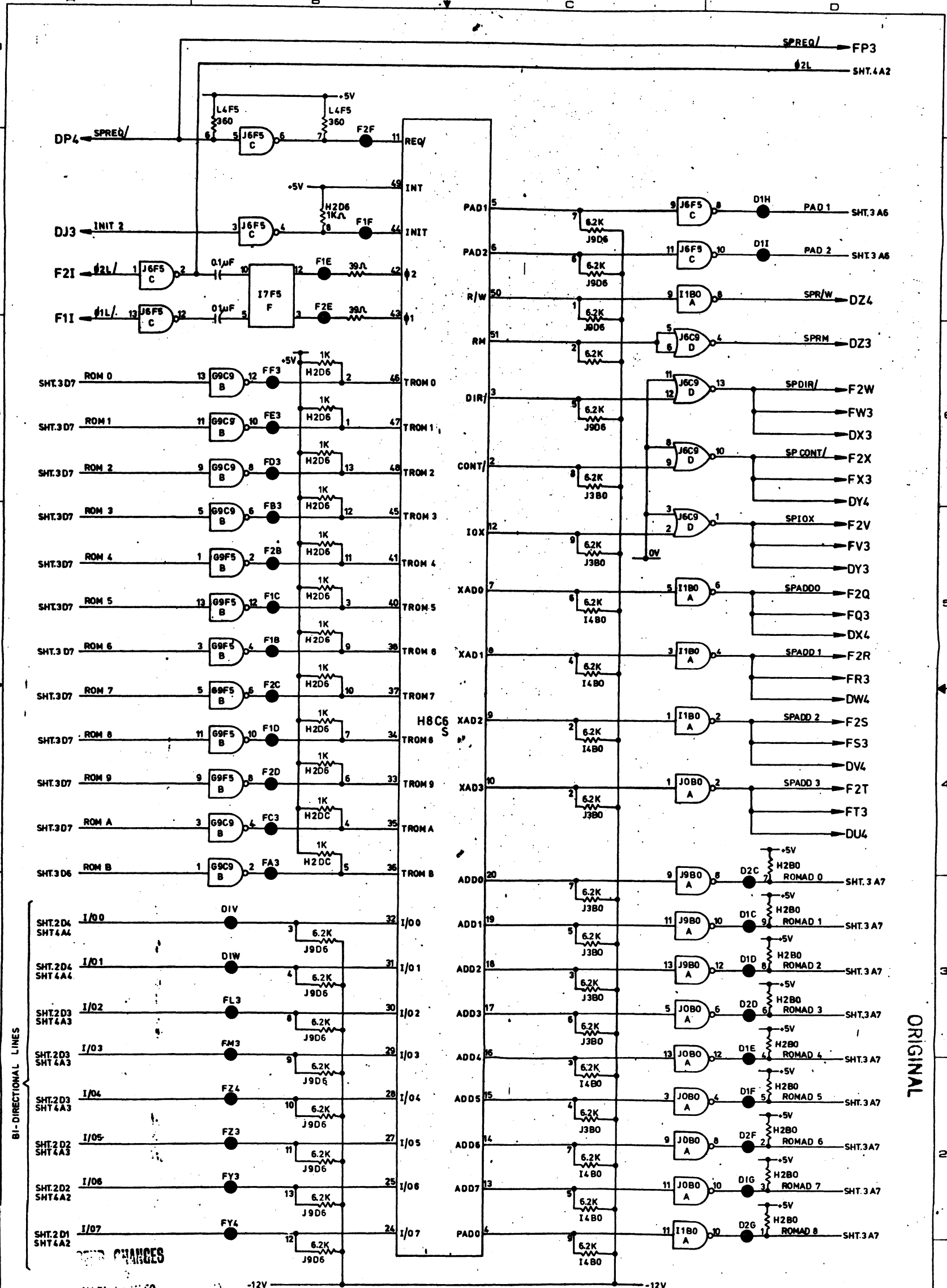
OUTPUTS



| | | | | | | | |
|--------------------|--|--|--|---|--|--|---------------------------------|
| 25N 5423 3 of 4 | ECH 0005 ECH 864/3 B 1-4 1-4 MAY 67 C | BURROUGHS SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CLONDIFF ROAD, SCOTLAND, U.K. | ORGN CONTROL 200 DATE 4/10/76 APPROVED DATE INC COMP | TITLE SCHEMATIC SOFT CONTROLLER 'A' | DRAWN RNC CHECKED DATE DRG S/W A1 | DATE MAY 7 76 CLASS CODE 2-9520 REV C PAGE 3 of 4 | DRAWING No. 2574 5423 |
|--------------------|--|--|--|---|--|--|---------------------------------|

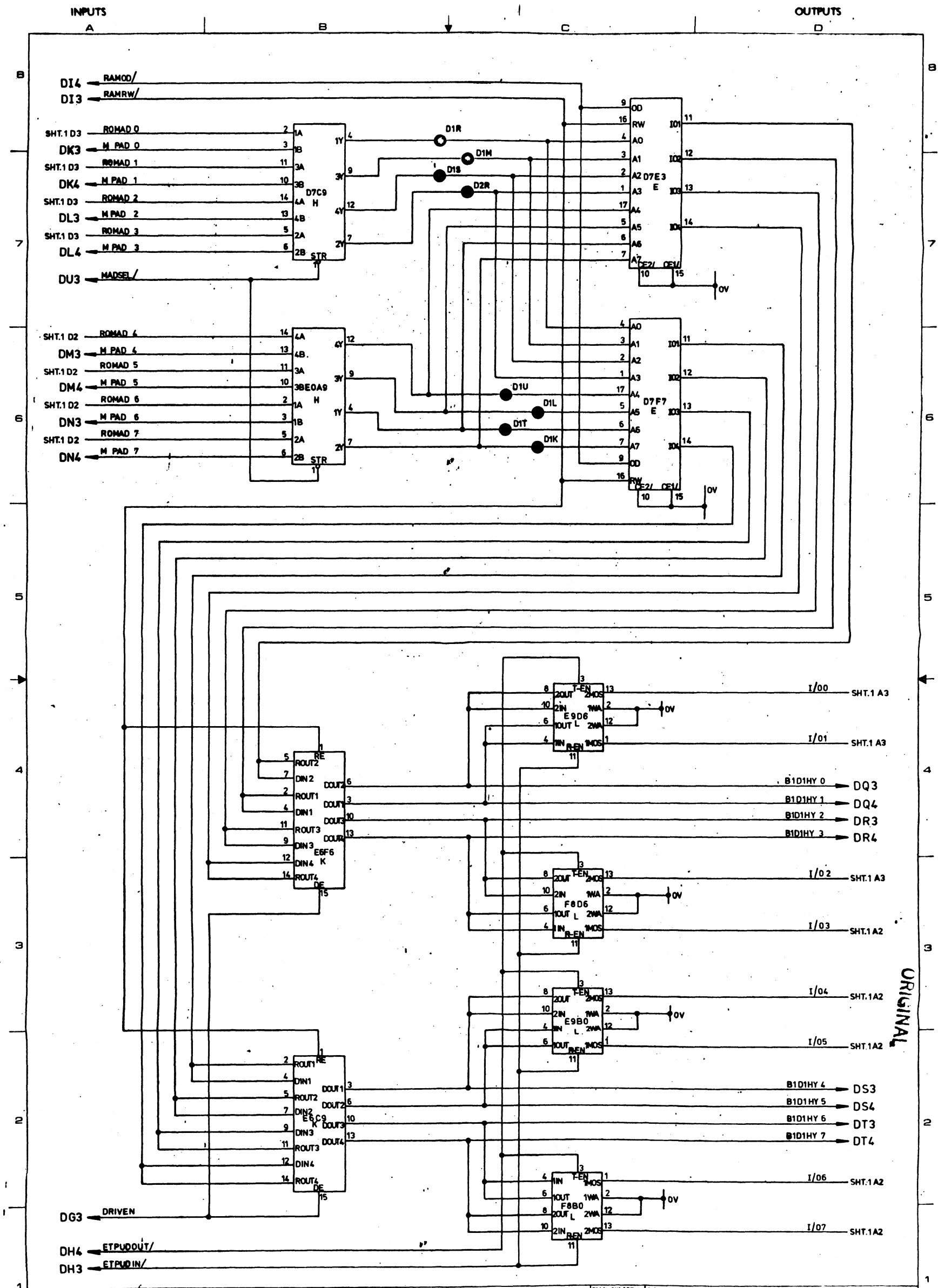
INPUTS

OUTPUTS



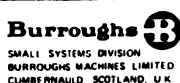
| | | | |
|---|--|---|--|
| DRAWING NO. 2574 5431 E 1 of 5 | | TITLE SCHEMATIC SOFT CONTROLLER 'B' DATE 14/6/76 J.R.L. APR. 9-76 2574 5431 E 1-5 | |
| DESIGN CONTROL APPROVED DATE 1/7/76 INC. COMP. | | BURROUGHS SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | |

ORIGINAL



ORIGINAL

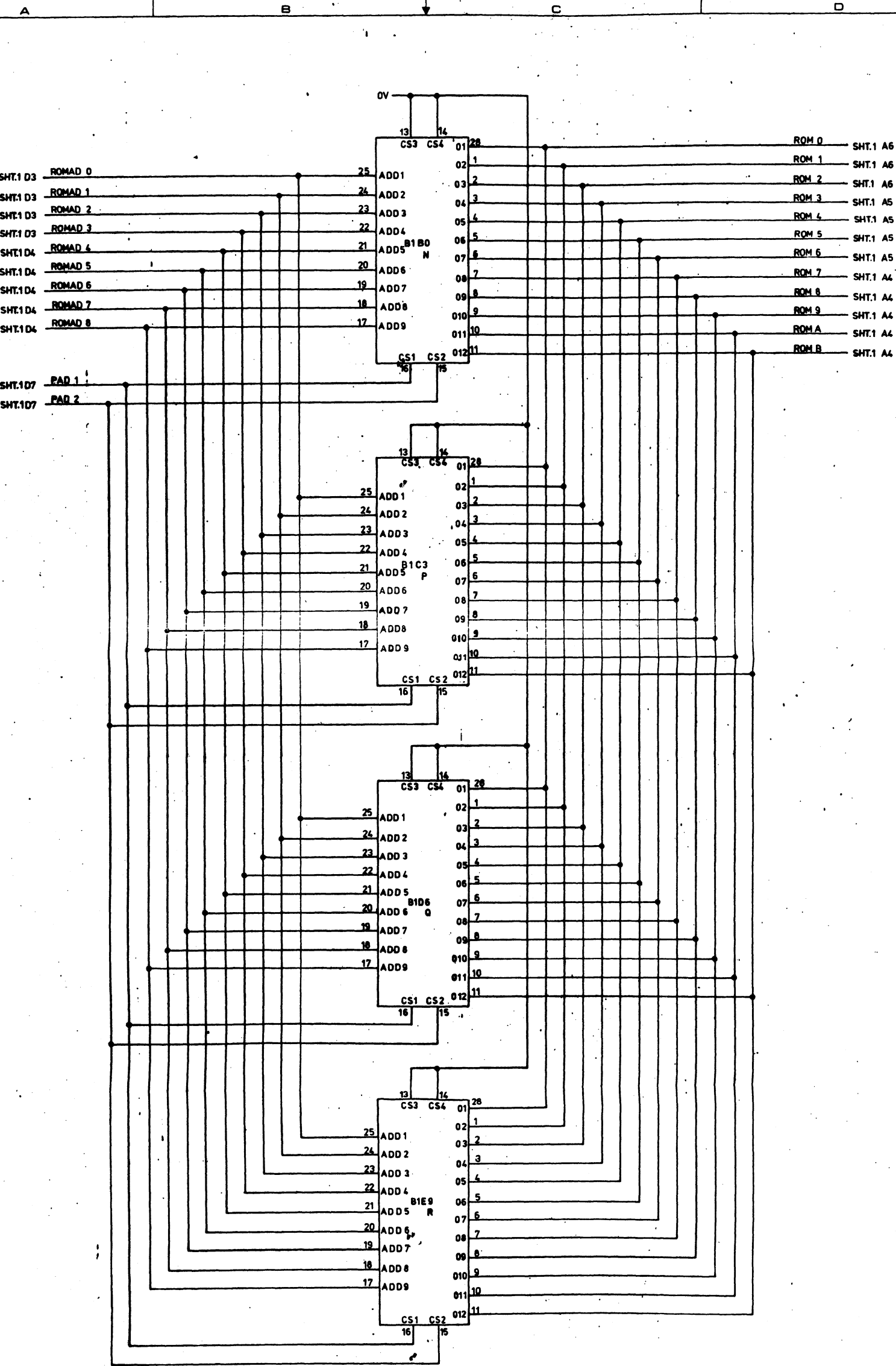
| | | | | | | | | | | | | | |
|--|----------------|---------------------------|-------------------------|--------------------------------------|-------------------|-----------|-------------------|-----------------------------------|--|-----------------|----------------------|--------------------------|----------------|
| DRAWING NO. 2574 5431 E | PAGE 2 of 5 | ECN 01826 HLM FEB 78 C | ECN 01795 5 MAR 78 D | EMERGENCY ECN 01827 5 MAR 78 E | DATE OCT 30 76 | ECN 00092 | DATE AUG 31 76 | DESIGN CONTROL JOB R. R. R. | TITLE SCHEMATIC SOFT CONTROLLER 'B' | | | | |
| | | | | | | | | | DATE 14/8/76 | DRAWN J.R.L. | DATE APR-9-76 | DRAWING NO. 2574 5431 | |
| PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | | | | | APPROVED DATE 7/7/76 | CHECKED DATE | DRG SIZE A1 | CLASS CODE 2-9520 | REV E | PAGE 2 of 5 |



SMALL SYSTEMS DIVISION
BURROUGHS MACHINES LIMITED
CLUMBERNAULD, SCOTLAND, U.K.

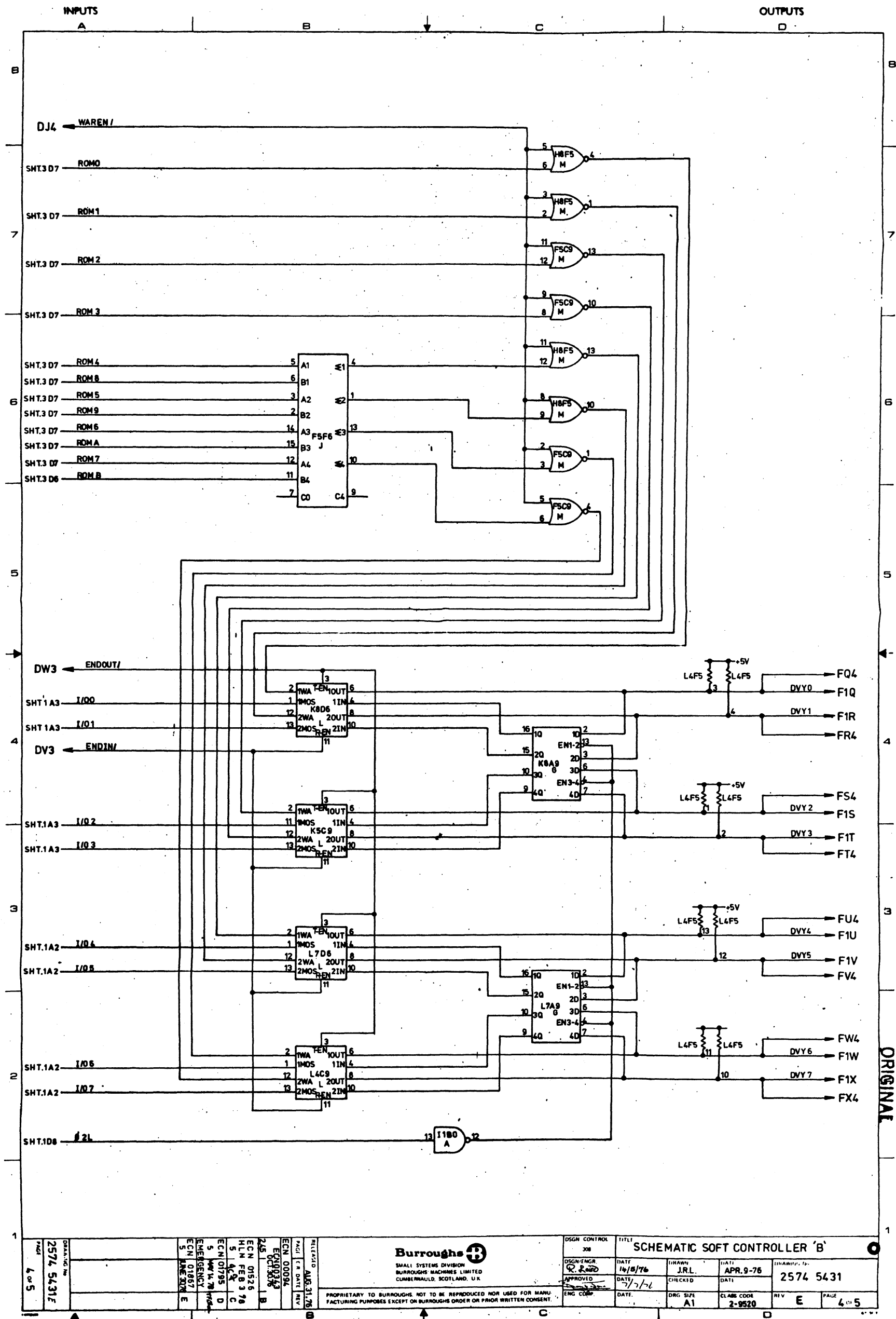
INPUTS

OUTPUTS



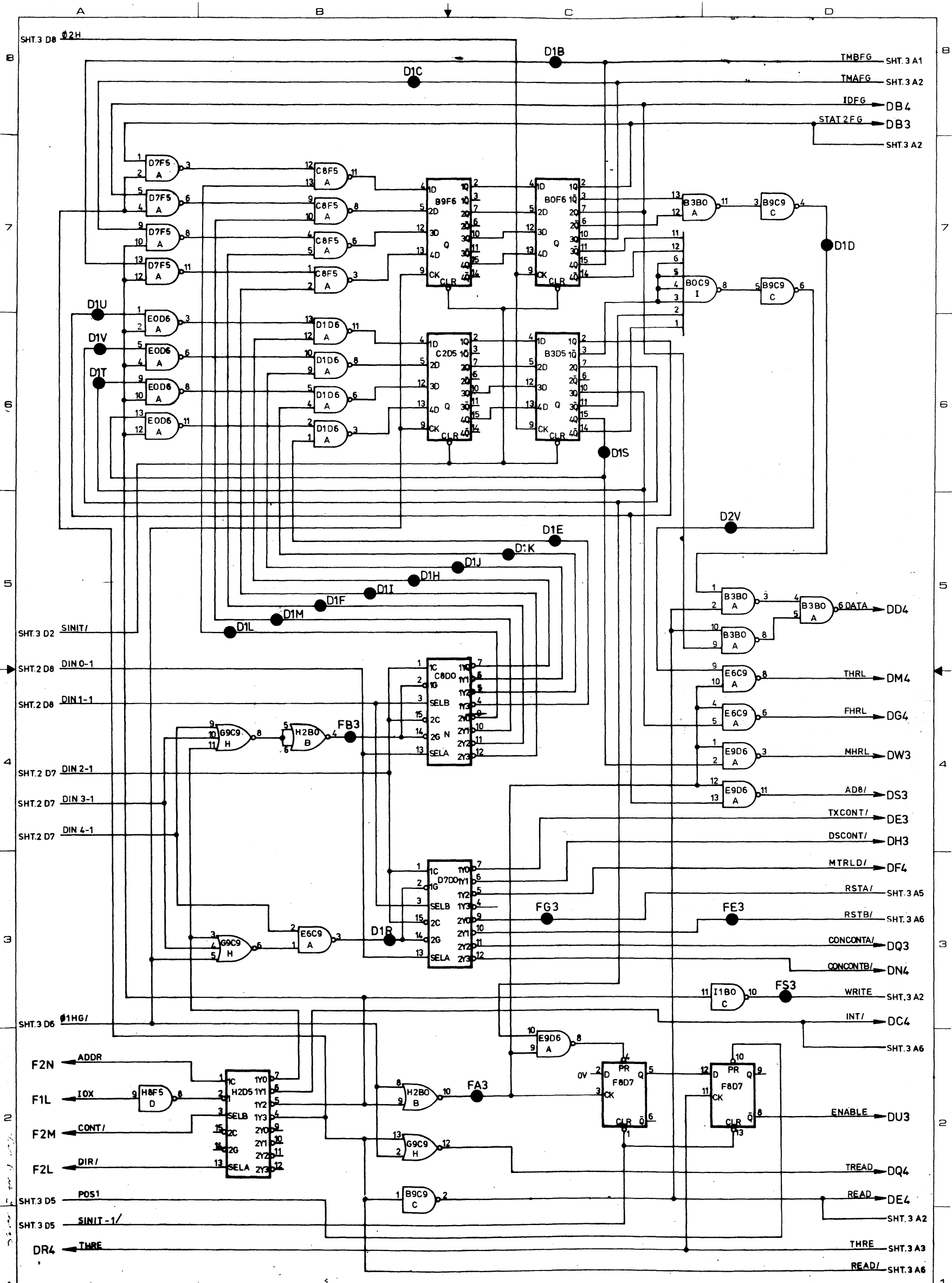
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| DRAWING NO. 2574 5431E | PAGE 3 of 5 | REVISED APR 3 1976 | ECN 00094 APR 3 1976 | ECN 00094 OCT 30 1976 | ECN 01526 APR 9 1976 | ECN 01795 FEB 3 1976 | ECN 01887 MAR 14 1976 | EMERGENCY MAR 30 1976 | DSGN CONTROL JOB | TITLE SCHEMATIC SOFT CONTROLLER 'B' | DATE 14/5/76 | DRAWN J.R.L. | DATE APR 9 76 | DRAWING NO. 2574 5431 |
| | | | | | | | | | APPROVED [Signature] | DATE 7/7/76 | CHECKED | DATE | REV E | PAGE 3 of 5 |
| PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | | | | | | ENG COMP | DATE | DRG SIZE A1 | CLASS CODE 2-9520 | REV E | PAGE 3 of 5 |



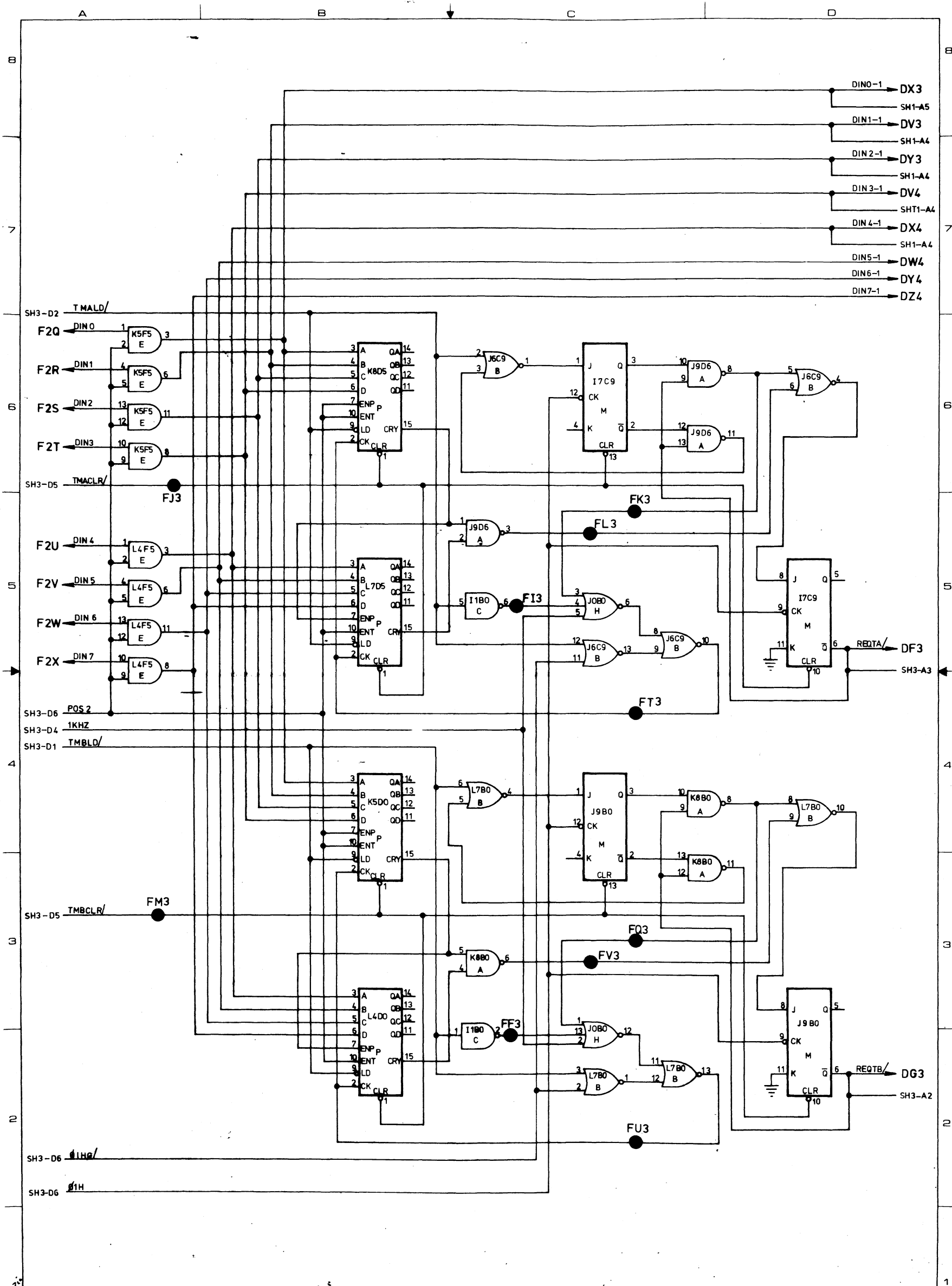
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| 2574 5431E 4 of 5 | ECN 01525 HLN FEB 3 78 5 4 X D | ECN 01795 D 5 WY 16 78 EMERGENCY ECN 10967 3 JAE 208 E | ECN 00094 EQU 00025 245 10 20 78 B | RELEASED AUG 31 78 REV | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN CONTROL | TITLE | SCHEMATIC SOFT CONTROLLER 'B' | | | |
| | | | | | | DESIGNER R. R. R. | DATE 14/8/76 | DRAWN J.R.L. | DATE APR. 9-76 | DRAWN 2574 5431 | |
| PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | | | APPROVED DATE 7/7/76 | CHECKED | DRG SIZE A1 | CLASS CODE 2-9520 | REV E | PAGE 4 of 5 |

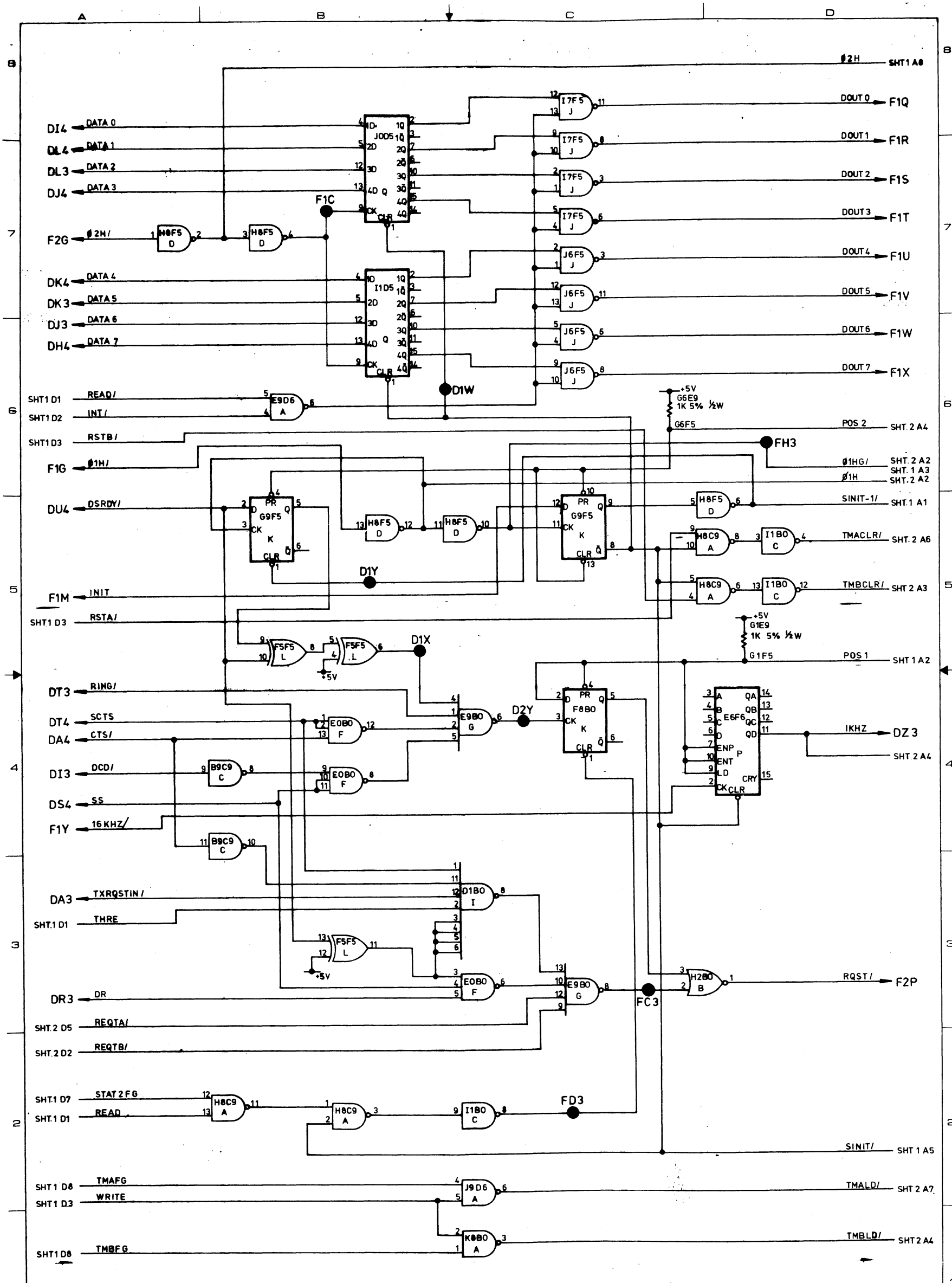


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|---------------------------------|-----------------------|----------|-----------------------|---|--------------------------------|-----------------------------------|-----------------------|-----------------------------|----------------------------------|
| DRAWING No. 2574 6272 | PAGE 1 of 4 | ER 00215 | RELEASED OCT 15 76 | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN CONTROL 308 | TITLE SCHMATIC S.D.C.A. | | | |
| | | | | | DSGN/ENGR MR | DATE | DRAWN RNC | DATE SEP 24 76 | DRAWING No. 2574 6272 |
| | | | | | APPROVED <i>[Signature]</i> | DATE SEP 30 76 | CHECKED MR | DATE SEP 30 76 | |
| | | | | | ENG COMP | DATE | DRG SIZE A1 | CLASS CODE 2-9520 | REV. A PAGE 1 of 4 |

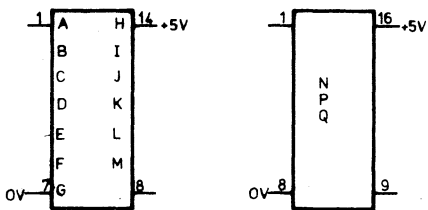
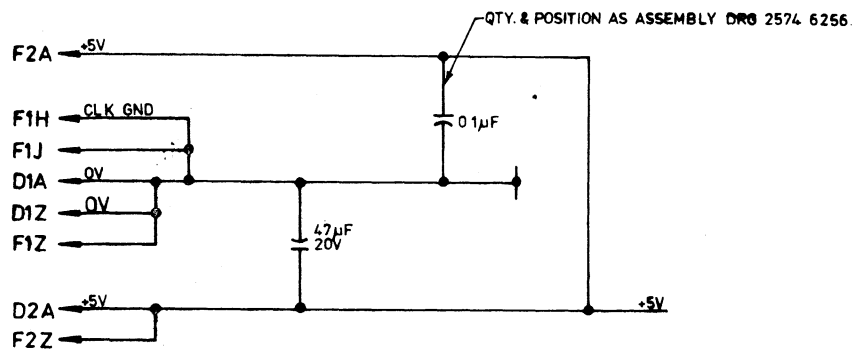
PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.



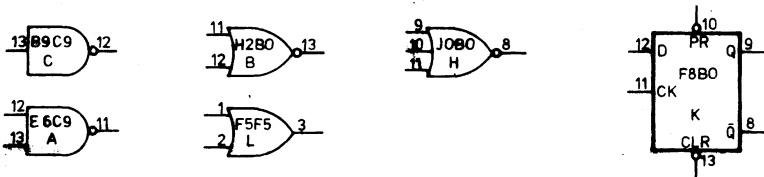
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| DRAWING No. 2574 6272 PAGE 2 of 4 | RELEASED OCT 15 1976 ER 00215 | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN CONTROL 308 | TITLE SCHEMATIC SDCA. | | |
| | | | DSGN ENGR MR | DATE SEP 30 76 | DRAWN RNC | DATE SEP 24 76 |
| PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | APPROVED DATE SEP 30 76 | CHECKED MR | DATE SEP 30 76 | REV. A |
| | | | ENG. COMP. | DATE | DRG. SIZE A1 | CLASS CODE 2-9520 |



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|---|------------------------------|---|---------------------------------|------------------------------------|-----------------------|-----------------------------|
| DRAWING No. 2574 6272 PAGE 3 of 4 | RELEASED OCT 15 76 | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN CONTROL 308 | TITLE SCHEMATIC S.D.C.A. | | |
| | PAGE (REV) ER 00215 REV 1 | | DSGN/ENGR MR | DATE SEP 24 76 | DRAWN RNC | DATE SEP 24 76 |
| | | | APPROVED <i>[Signature]</i> | DATE SEP 30 76 | CHECKED MR | DATE SEP 30 76 |
| | | | ENG COMP | DATE | DRG SIZE A1 | CLASS CODE 2-9520 |
| PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | DRAWING No. 2574 6272 | | | |
| | | | PAGE 3 of 4 | | | |



SPARE GATES



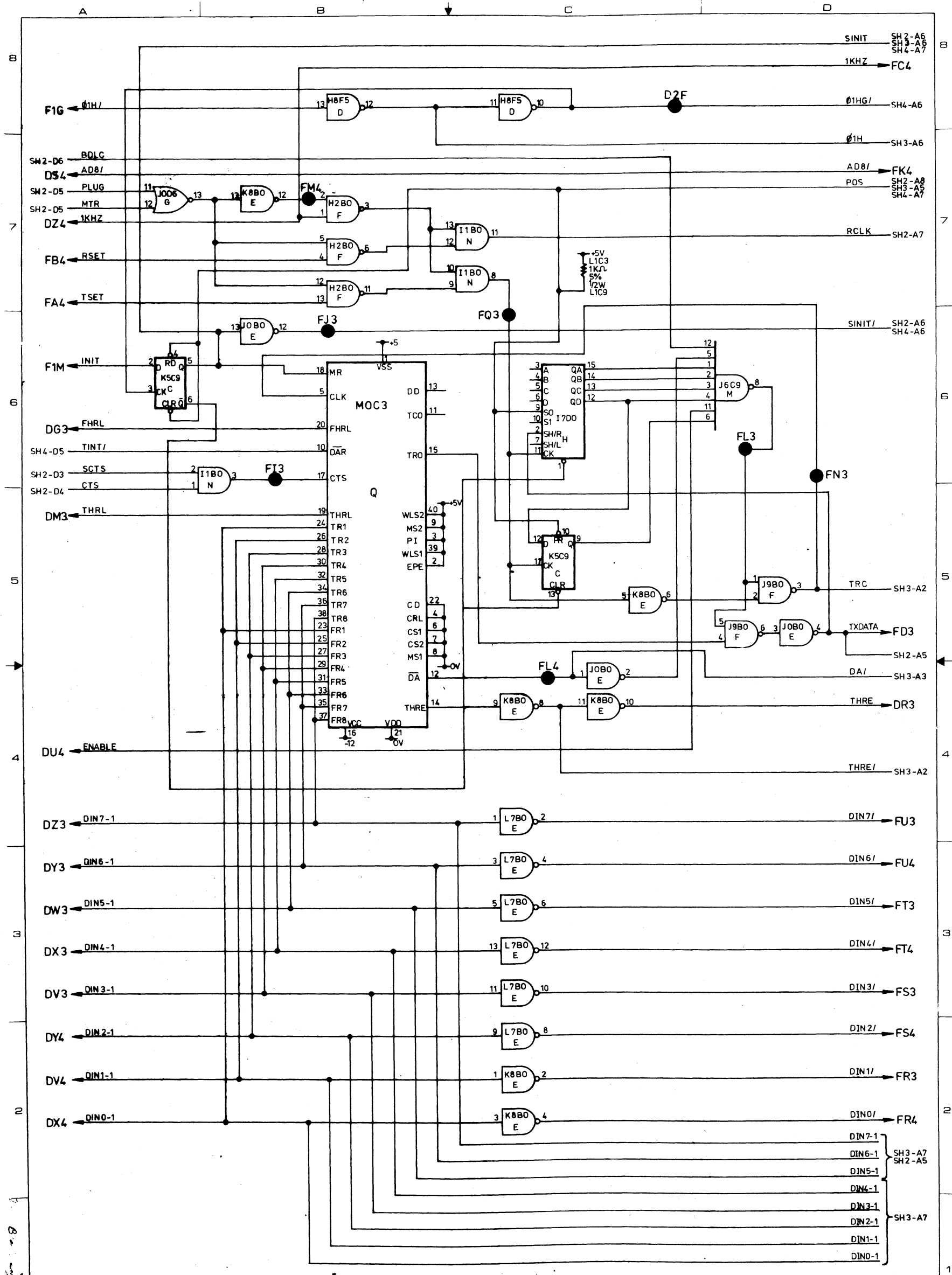
NOTES-

- 1) FOR ASSEMBLY SEE 2574 6256
- 2) CODES USED FOR COMPONENT PART Nos. AS FOLLOWS:-

| I.C.s | | RESISTORS | |
|-------|-------------------|-----------|---------------|
| A | SN 7400 1447 3516 | A | 1KΩ 1268 2324 |
| B | 7402 2600 4911 | | |
| C | 7404 1447 3532 | | |
| D | 74H04 1479 7971 | | |
| E | 7408 1447 3524 | | |
| F | 7410 1447 3540 | | |
| G | 7420 1447 3565 | | |
| H | 7427 2600 4929 | | |
| I | 7430 1447 3573 | | |
| J | 7438 1447 3581 | | |
| K | 7474 1447 3607 | | |
| L | 7486 1447 3698 | | |
| M | 74107 1447 3615 | | |
| N | 74155 1447 3722 | | |
| P | 74161 1447 3771 | | |
| Q | 74175 1449 1278 | | |

3) UNLESS OTHERWISE SPECIFIED ALL RESISTANCE VALUES ARE IN OHMS.

| | | | | | | | |
|---|--|--|--------------------------|-----------------------|------------------------------------|---------------------------------|--|
| DRAWING No. 2574 6272 PART Lot 4 | RELEASED OCT. 15.76 PAID 18 DATE ER 00215 | Burroughs <small>SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K.</small> | | DSGN CONTROL JOB | TITLE SCHEMATIC S.D.C.A. | | |
| | | DSGN ENGR MR | DATE SEP 30 76 | DRAWN RNC | DATE SEP 24 76 | DRAWING No. 2574 6272 | |
| | | APPROVED <i>[Signature]</i> | DATE SEP 30 76 | CHECKED MAK | DATE SEP 30 76 | REV A | |
| | | ENG COMP DATE | DATE | DRG SIZE A1 | CLASS CODE 2-9520 | PAGE 4 of 4 | |



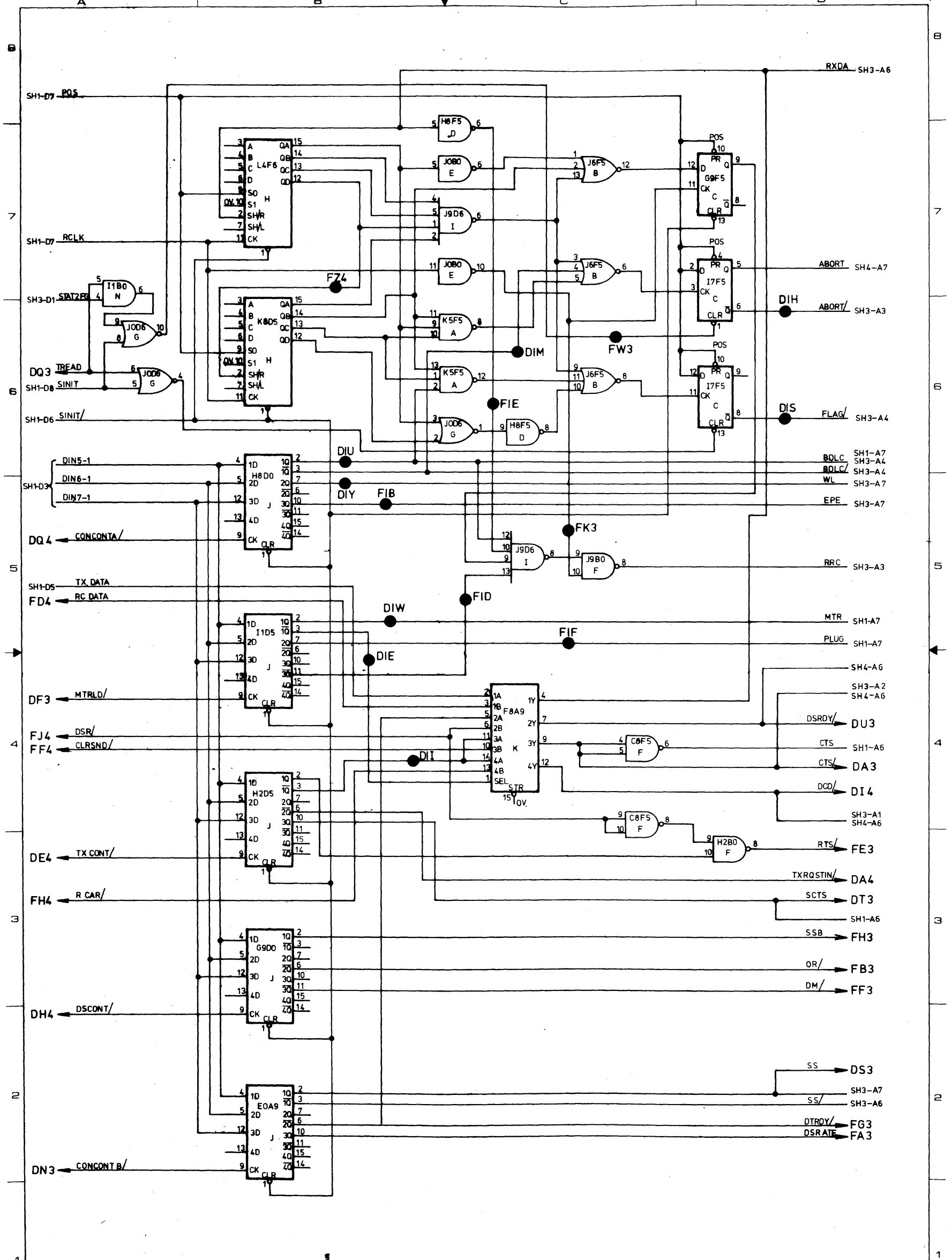
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| DRAWING No. 2574 6314 | | RELEASED OCT 15 76 | | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | DSGN CONTROL 308 | | TITLE SCHEMATIC SDC 'B' | | | |
| DRAWN MR | DATE SEP 30 76 | CHECKED MOA | DATE SEP 30 76 | DSGN RNC | DATE SEP 28 76 | DRAWING No. 2574 6314 | REV A | PAGE 1 of 4 | CLASS CODE 2-3520 | REV A | PAGE 1 of 4 |

2574 6314
 1 of 4

2574 6314
 1 of 4

INPUTS

OUTPUTS



DRAWING NO.
2574 6314
PAGE 2 OF 4

REV. DATE
E.R. 00215
OCT 15 76
PAGE 2 OF 4

Burroughs
SMALL SYSTEMS DIVISION
BURROUGHS MACHINES LIMITED
CUMBERNAULD, SCOTLAND, U.K.

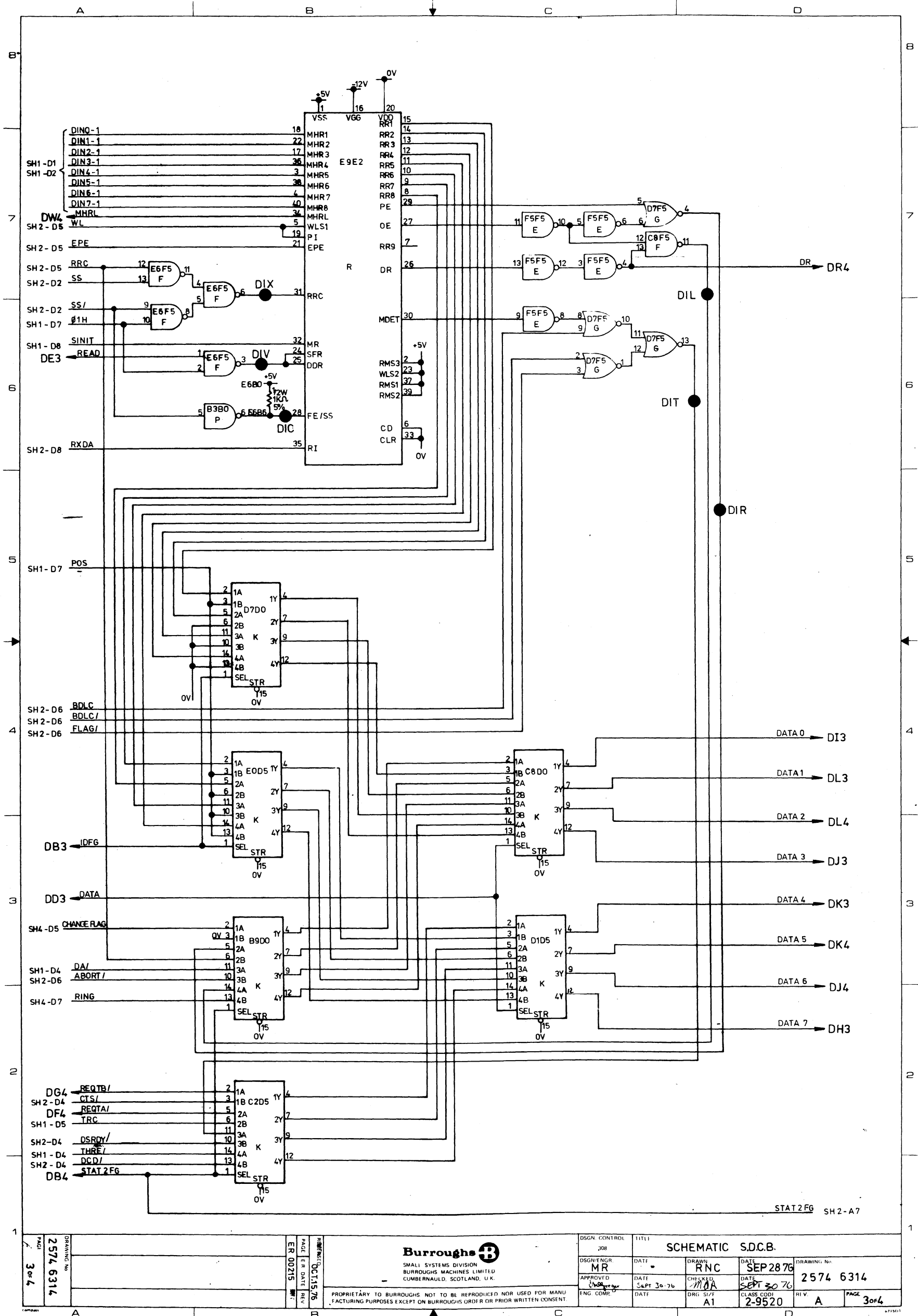
PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.

DSGN. CONTROL 308
TITL SCHEMATIC SDCB.
DSGN ENGR M.R. DATE
APPROVED DATE
ENG. COMP DATE

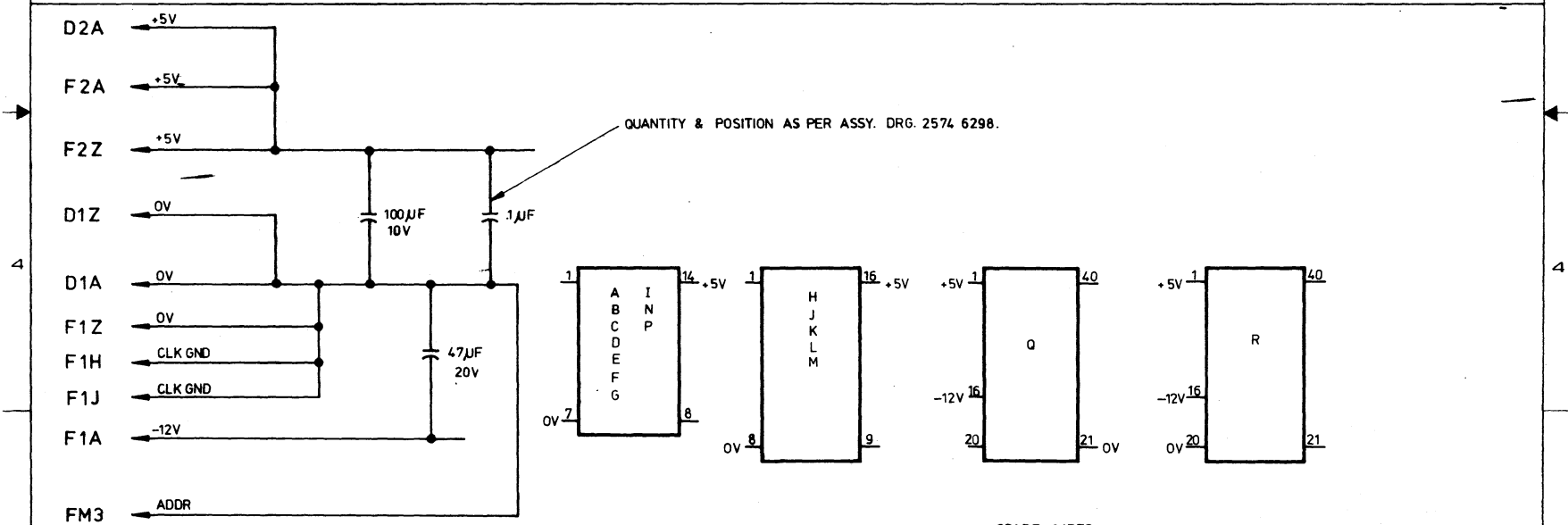
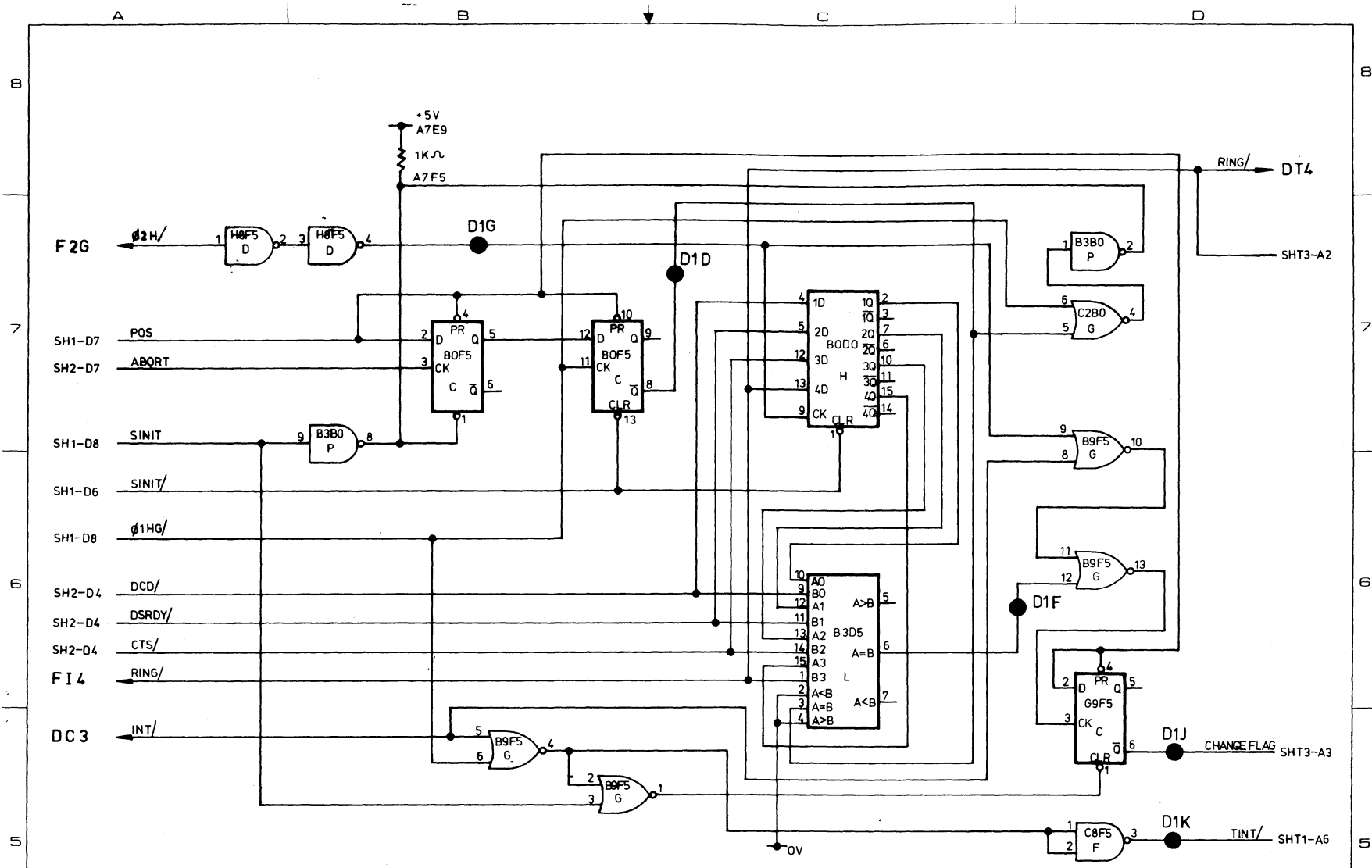
DRAWN RNC DATE SEP 28 76
CHKD BY M.R. DATE SEP 30 76
DRG. SIZE A1 CLASS CODE 2-9520

DRAWING NO. 2574 6314
REV. A PAGE 2 OF 4

41301



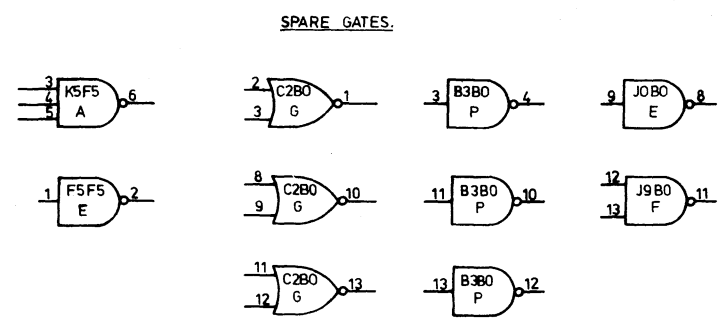
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| DRAWING NO. 2574 6314 3 of 4 | ER 00215 REV OCT 15 76 | Burroughs | | DSGN CONTROL JOB | | TITLE SCHEMATIC S.D.C.B. | | | |
| | | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | DSGN/ENGR MR | DATE | DRAWN RNC | DATE SEP 28 76 | DRAWING NO. 2574 6314 | |
| | | PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | APPROVED <i>[Signature]</i> | DATE SEP 30 76 | CHECKED MAA | DATE SEP 30 76 | | |
| | | | | ENG COMP | DATE | DRG S/F A1 | CLASS CODE 2-9520 | REV. A | PAGE 3 of 4 |



NOTES
 1. FOR ASSEMBLY SEE:- 2574 6298 REV.A.
 2. CODES LISTED FOR COMPONENT PART NO'S AS FOLLOWS:-

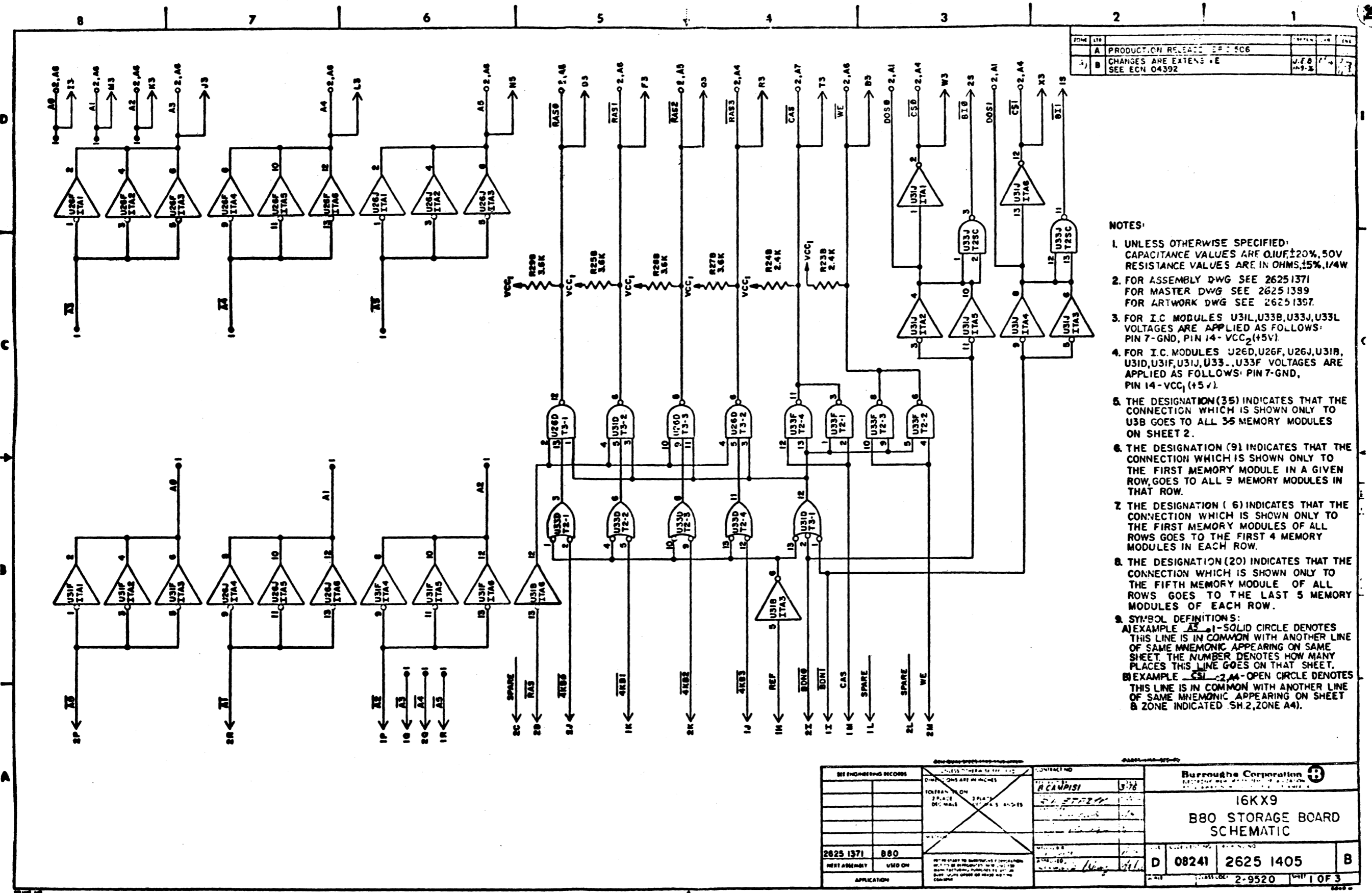
| IC'S | | |
|------|----------|-----------------------|
| A. | SN 7410 | 1447 3540 |
| B. | 7427 | 2600 4929 |
| C. | 7474 | 1447 3607 |
| D. | 74H04 | 1479 7971 |
| E. | 7404 | 1447 3532 |
| F. | 7400 | 1447 3516 |
| G. | 7402 | 2600 4911 |
| H. | 74194 | 1948 5036 |
| I. | 7420 | 1471 3565 |
| J. | 74175 | 1449 1278 |
| K. | 74157 | 1447 3797 |
| L. | 7485 | 1449 2052 |
| M. | 7430 | 1447 3573 |
| N. | 7408 | 1447 3524 |
| P. | 7406 | 1674 4963 |
| Q. | PT 1482B | TRANSMITTER 2571 9972 |
| R. | PT 1472B | RECEIVER 2571 9980 |

RESISTORS
 1KΩ 5% 1/2W 1268 2324



3. UNLESS OTHERWISE STATED ALL RESISTOR VALUES ARE IN OHMS.

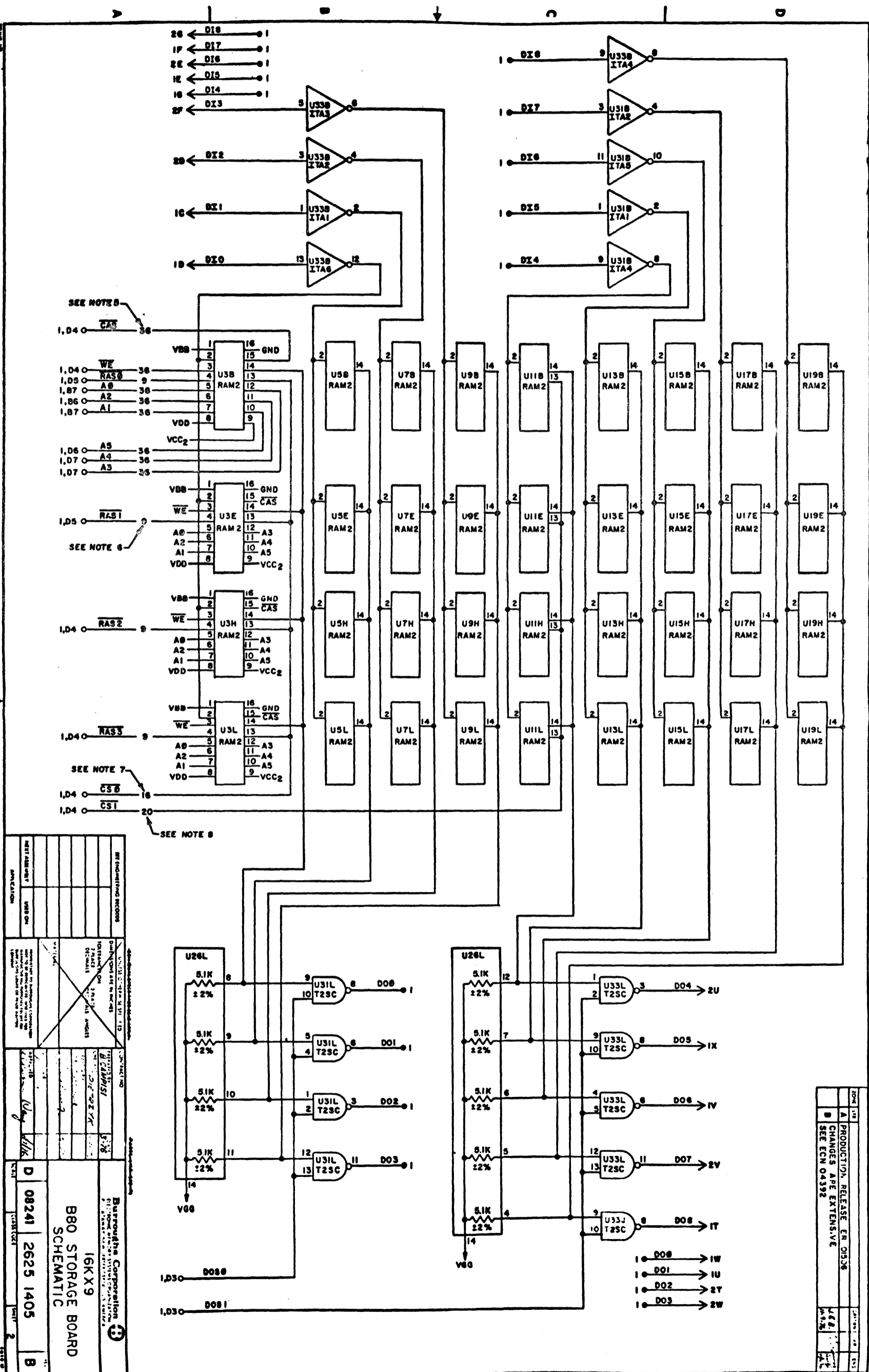
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| DRAWING No. 2574 6314 PAGE 4 of 4 | ER 00215 DATE 15/7/76 | Burroughs <small>SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K.</small> | | DSGN. CONTROL 308 | TITLE SCHEMATIC SDCB | |
| | | DSGN/ENGR M.R. | DATE SEP 30 1976 | DRAWN R.N.C. | DATE SEP 28 1976 | DRAWING No. 2574 6314 |
| | | APPROVED <i>[Signature]</i> | DATE SEP 30 1976 | CHECKED M.A. | DATE SEP 30 1976 | REV. A |
| | | ENG. COMP. | DATE | DRG. SIZE A1 | CLASS CODE 2-9520 | PAGE 4 of 4 |



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| FORM | 176 | REV | 1 |
| A | PRODUCT ON RELEASE | DATE | 506 |
| B | CHANGES ARE EXTENSIVE | DATE | 1-9-76 |
| | SEE ECH 04392 | | |

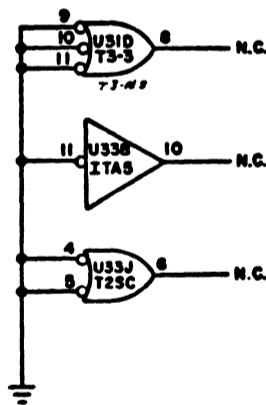
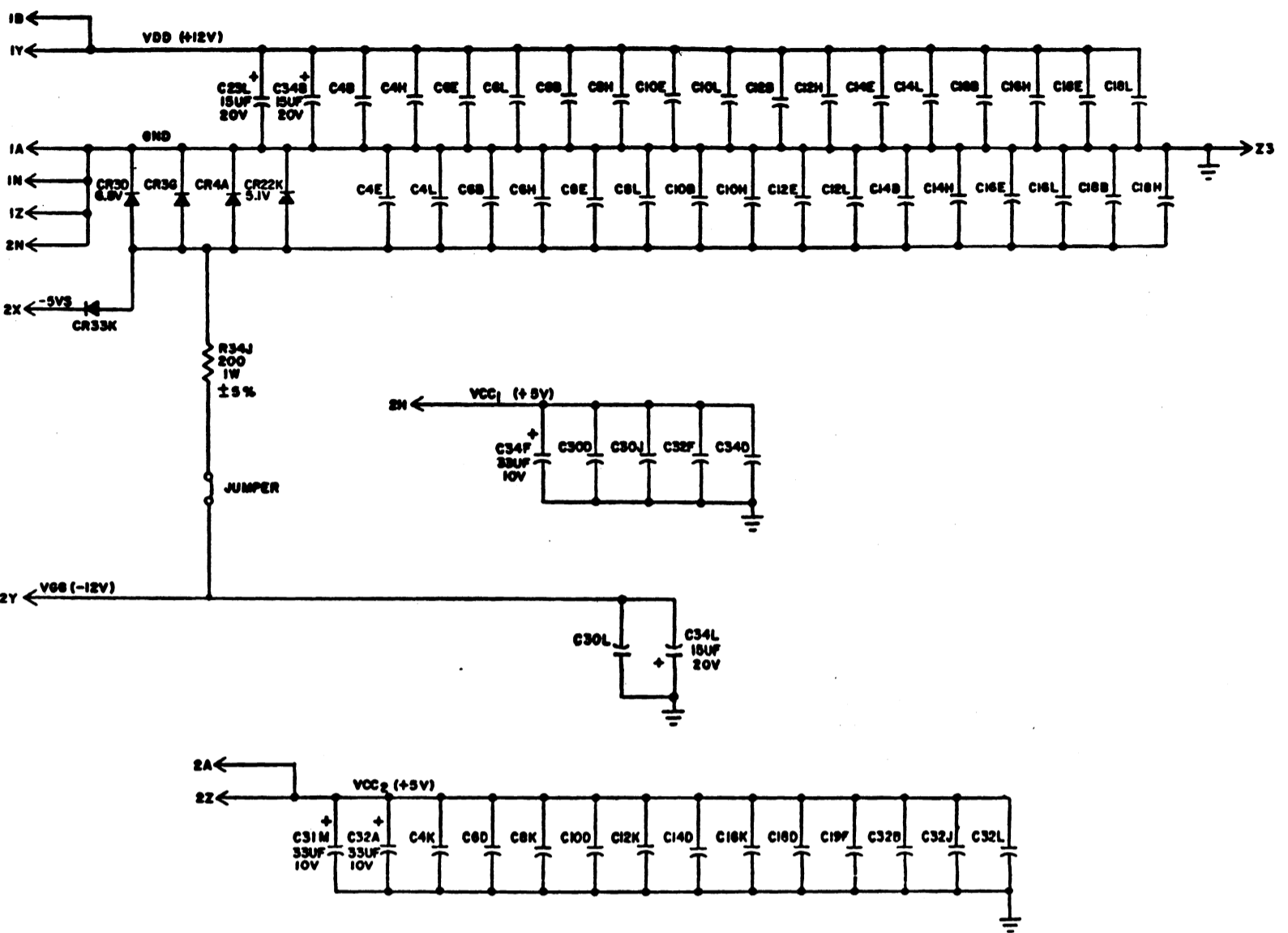
- NOTES:
- UNLESS OTHERWISE SPECIFIED: CAPACITANCE VALUES ARE 0.1UF, ±20%, 50V. RESISTANCE VALUES ARE IN OHMS, ±5%, 1/4W.
 - FOR ASSEMBLY DWG SEE 2625 1371. FOR MASTER DWG SEE 2625 1399. FOR ARTWORK DWG SEE 2625 1357.
 - FOR I.C. MODULES U31L, U33B, U33J, U33L VOLTAGES ARE APPLIED AS FOLLOWS: PIN 7 - GND, PIN 14 - VCC₂ (+5V).
 - FOR I.C. MODULES U26D, U26F, U26J, U31B, U31D, U31F, U31J, U33J, U33F VOLTAGES ARE APPLIED AS FOLLOWS: PIN 7 - GND, PIN 14 - VCC₁ (+5V).
 - THE DESIGNATION (35) INDICATES THAT THE CONNECTION WHICH IS SHOWN ONLY TO U3B GOES TO ALL 35 MEMORY MODULES ON SHEET 2.
 - THE DESIGNATION (9) INDICATES THAT THE CONNECTION WHICH IS SHOWN ONLY TO THE FIRST MEMORY MODULE IN A GIVEN ROW, GOES TO ALL 9 MEMORY MODULES IN THAT ROW.
 - THE DESIGNATION (6) INDICATES THAT THE CONNECTION WHICH IS SHOWN ONLY TO THE FIRST MEMORY MODULES OF ALL ROWS GOES TO THE FIRST 4 MEMORY MODULES IN EACH ROW.
 - THE DESIGNATION (20) INDICATES THAT THE CONNECTION WHICH IS SHOWN ONLY TO THE FIFTH MEMORY MODULE OF ALL ROWS GOES TO THE LAST 5 MEMORY MODULES OF EACH ROW.
 - SYMBOL DEFINITIONS:
 A) EXAMPLE $\overline{A5}$ - SOLID CIRCLE DENOTES THIS LINE IS IN COMMON WITH ANOTHER LINE OF SAME MNEMONIC APPEARING ON SAME SHEET. THE NUMBER DENOTES HOW MANY PLACES THIS LINE GOES ON THAT SHEET.
 B) EXAMPLE $\overline{CS1}$ - 2, A4 - OPEN CIRCLE DENOTES THIS LINE IS IN COMMON WITH ANOTHER LINE OF SAME MNEMONIC APPEARING ON SHEET B ZONE INDICATED (SH.2, ZONE A4).

| | | |
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| BE ENGINEERING RECORDS DIMENSIONS ARE IN INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS 0.005 FRACTIONS 1/32 | CONTRACT NO. RCA 576 | Burrage Corporation 16KX9 B80 STORAGE BOARD SCHEMATIC |
| 2625 1371 PART ASSEMBLY APPLICATION | 880 UMD ON | D 08241 2625 1405 B 2-9520 1 OF 3 |



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| REV | 1 | DATE | 11/11/78 |
| BY | W. J. CAMPBELL | CHKD | W. J. CAMPBELL |
| APP | W. J. CAMPBELL | DATE | 11/11/78 |
| BUREAU OF THE ARMY ARMY RESEARCH AND DEVELOPMENT CENTER FORT BELVOIR, COLORADO 80504 B80 STORAGE BOARD SCHEMATIC 16K X 9 08241 2625 1405 B | | | |

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| REV | 1 | DATE | 11/11/78 |
| BY | W. J. CAMPBELL | CHKD | W. J. CAMPBELL |
| APP | W. J. CAMPBELL | DATE | 11/11/78 |
| BUREAU OF THE ARMY ARMY RESEARCH AND DEVELOPMENT CENTER FORT BELVOIR, COLORADO 80504 B80 STORAGE BOARD SCHEMATIC 16K X 9 08241 2625 1405 B | | | |



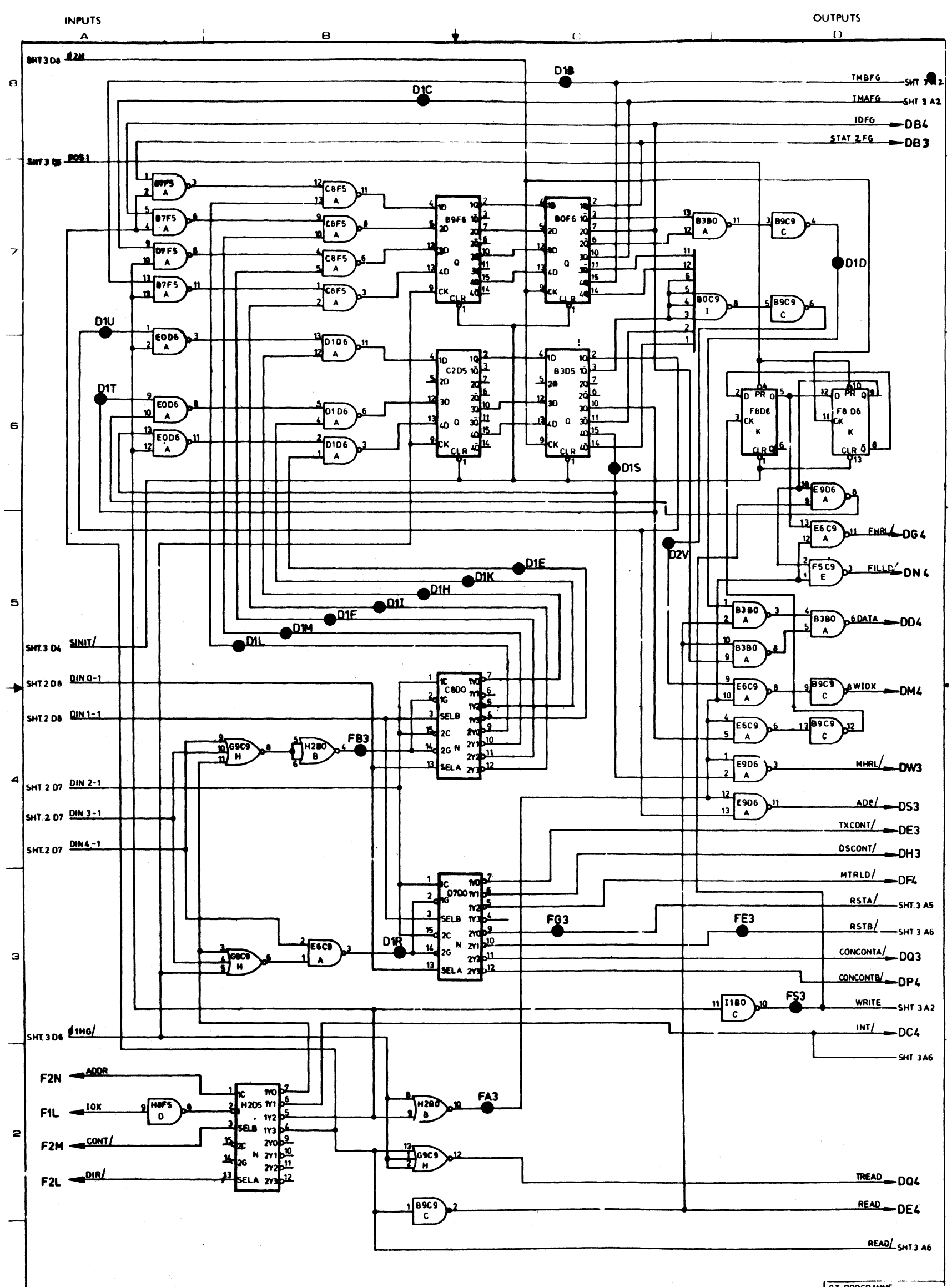
| Z C LOCATION | PART NUMBER |
|---|-------------|
| U26F, U26J, U31B, U31F, U31J, U33B | 2623 9160 |
| U31L, U33J, U33L | 2602 3259 |
| U26D, U31D | 1447 3540 |
| U33D, U33F | 1447 3516 |
| MEMORY CHIPS U3B TO U79D, U3L TO U15E, U3M TO U18R, U3L TO U18L | 2623 8948 |

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Burroughs Corporation
 B80 STORAGE BOARD
 16K X 9
 SCHEMATIC

D 08241 2625 1405 B

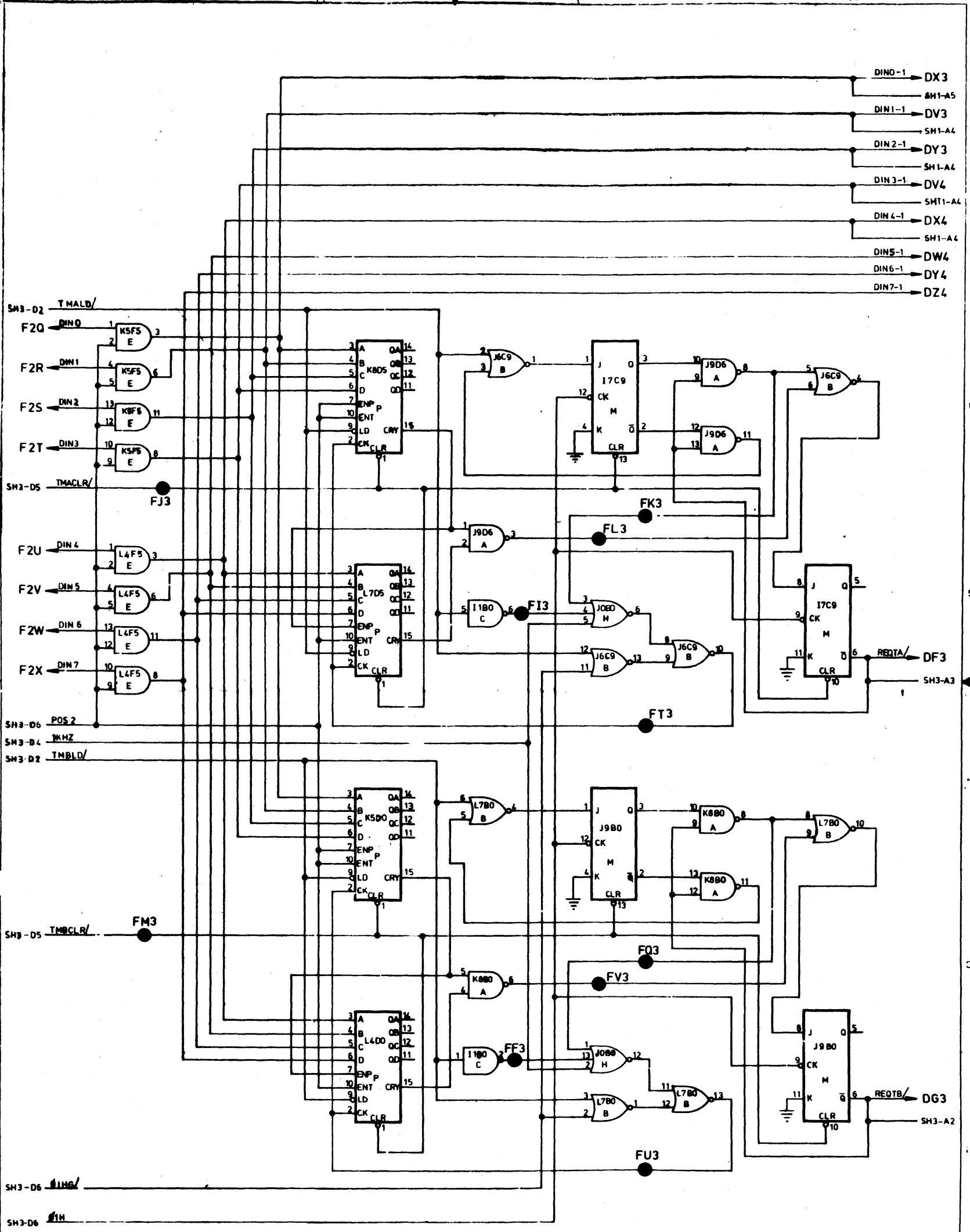
A PRODUCTION RELEASE - EN C 308
 B CHANGES ARE EXTENSIVE
 SEE ECN 04392



| | | | | | | | | | | | | | |
|--|--|------------------------------------|--|-------------------------------|--|---|--|--|--|--|--|--------------------------|--|
| 2797 0631 1 of 4 | | SHT 1 ALTERED SHT 1 NOK 8.77 | | 01103 4831 77 2797 0631 | | BURROUGHS SMALL SYSTEMS DIVISION BIRMINGHAM, MISSISSIPPI CLARK HALLWAY 700 AND 701 | | DESIGN CONTROL MR DATE 5/1/77 | | SCHEMATIC S.D.C.X. DRAWN RM DATE DEC 21 76 | | DRAWING NO. 2797 0631 | |
| PRIMARY TO BURROUGHS: NOT TO BE REPRODUCED NOR USED FOR ANY FACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | DATE 5/1/77 | | DATE DEC 21 76 | | DATE 2-9-520 | | DATE 2797 0631 | | DATE 1-4 | |

INPUTS

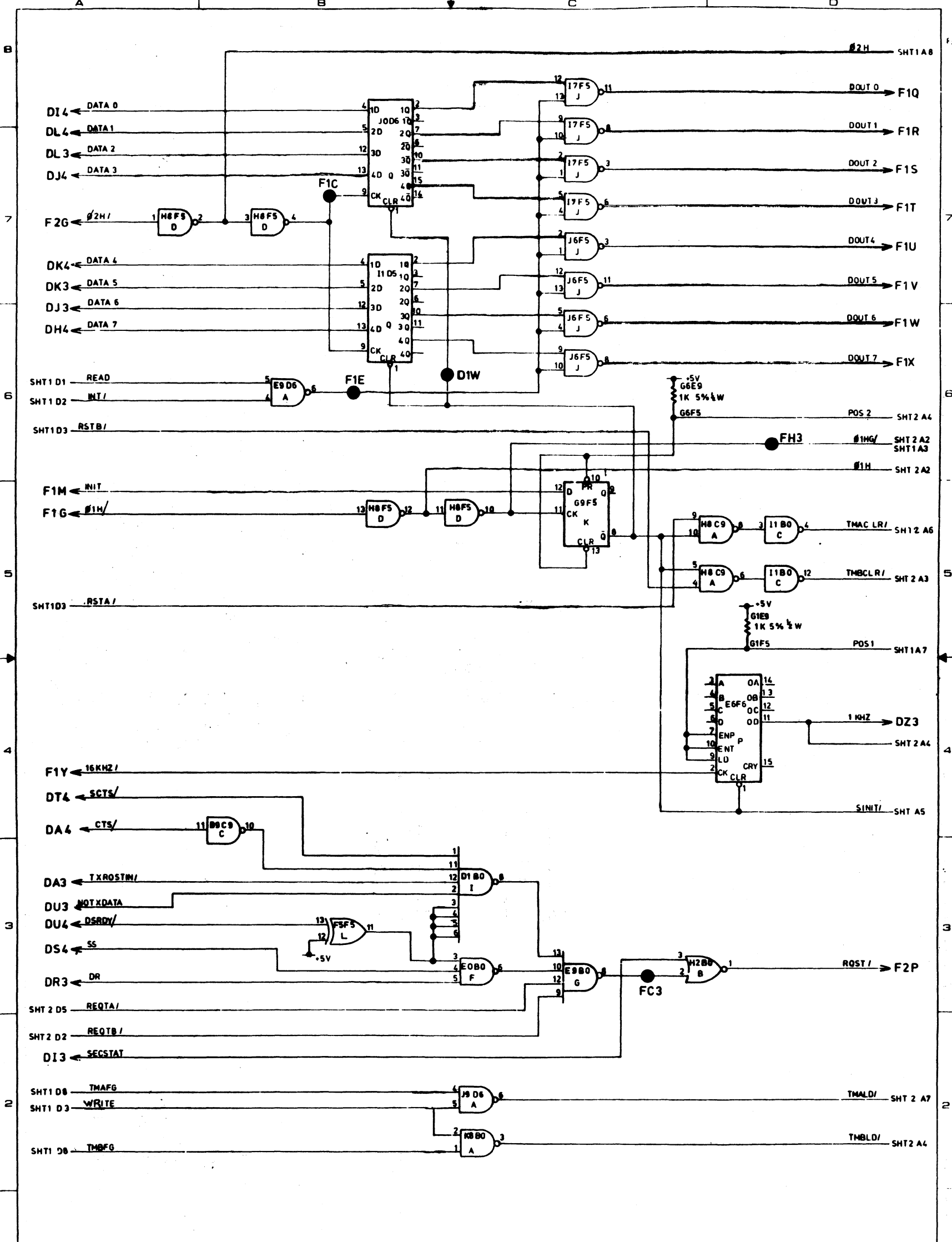
OUTPUTS



| | | | | | | | | | |
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| 2797 0631 | | ER 01103 | | AUG 31 77 | | | | CT PROGRAMME 2797 0631 | |
| 2797 0631 | | ECM 01987 | | AUG 31 77 | | MR SPT 1, 77 | | R M DEC 21 76 SPT 2, 77 | |
| 2797 0631 | | SMT/ALTERED | | AUG 31 77 | | SPT 1, 77 | | SPT 2, 77 2-9520 | |
| 2797 0631 | | SMT/ALTERED | | AUG 31 77 | | SPT 1, 77 | | SPT 2, 77 B 2 of 4 | |

INPUTS

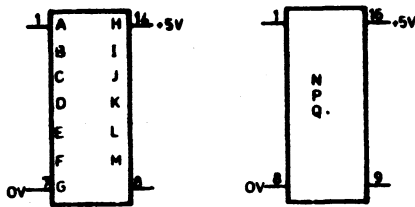
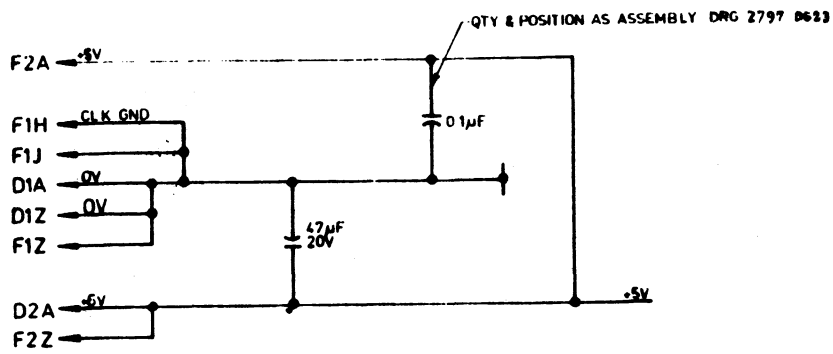
OUTPUTS



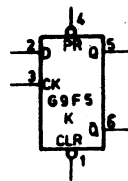
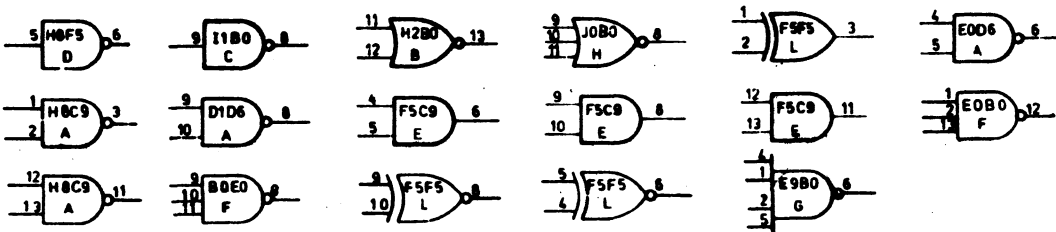
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| 2795 0631 3 of 4 | DESIGN CONTROL DATE APPROVED DATE ENG. COMP. | | TITLE SCHEMATIC SDC X DRAWN C.B. DATE DEC 21 76 CHECKED R.A.A. DATE SEP 1, 77 CLASS. CODE 2-9520 DES. B 3 of 4 | |
| | BURROUGHS SMALL SYSTEMS DIVISION BURROUGHS BUSINESS LIMITED LONDON W8ALD, SCOTLAND, U.K. | | CT PROGRAMME 2-mp 7 | |
| | PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS OR ITS AFFILIATE WRITTEN CONSENT | | 2797 0631 | |
| | ER 01103 ER 01387 SMT 1 ALTERED NOV. 18, 77 | | 2795 0631 | |

INPUTS

OUTPUTS



SPARE GATES



NOTES-

- 1) FOR ASSEMBLY SEE 2797 0623
- 2) CODES USED FOR COMPONENT PART Nos. AS FOLLOWS-

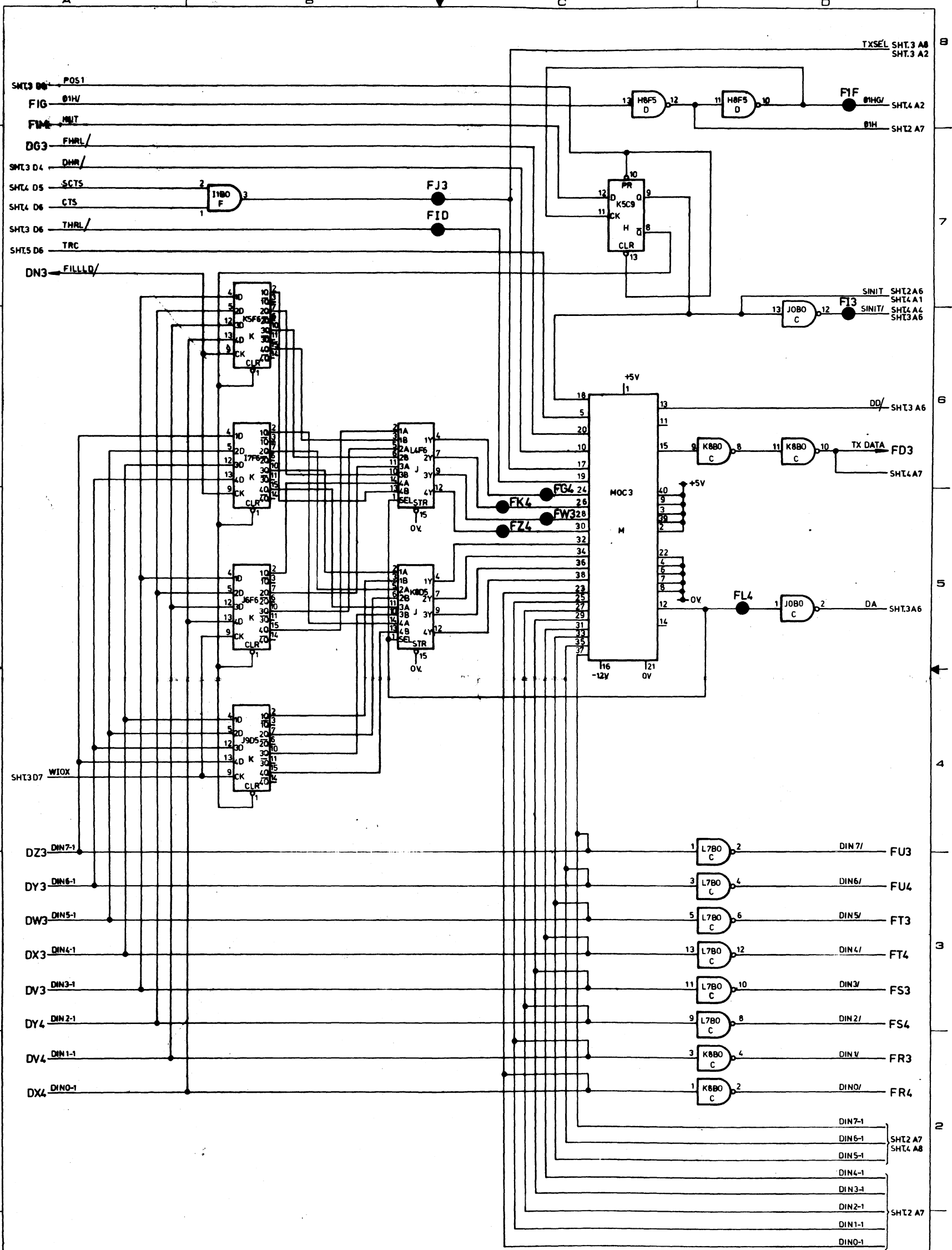
| I.C.s | | RESISTORS |
|-------|-------------------|-----------------|
| A | SN 7400 1447 3516 | A 1KΩ 1268 2324 |
| B | 7402 2600 4911 | |
| C | 7404 1447 3532 | |
| D | 74H04 1479 7971 | |
| E | 7408 1447 3524 | |
| F | 7410 1447 3540 | |
| G | 7420 1447 3565 | |
| H | 7427 2600 4929 | |
| I | 7430 1447 3573 | |
| J | 7438 1447 3581 | |
| K | 7474 1447 3607 | |
| L | 7486 1447 3698 | |
| M | 74107 1447 3615 | |
| N | 74155 1447 3722 | |
| P | 74181 1447 3771 | |
| Q | 74175 1449 1278 | |

3) UNLESS OTHERWISE SPECIFIED ALL RESISTANCE VALUES ARE IN OHMS

| | | | | | | | |
|-----------|--|-----------|----|--------------------|-----------|-----------|--|
| 2797 0631 | ER 01103 SCN 0287 SMT ALTERED NOV 18 77 | AUG 31 77 | | CT. PROGRAMME | | | |
| | | | | Schematic S.D.C. X | | | |
| | | | MR | R.M. | DEC 21 76 | 2797 0631 | |
| | | | | M.A.A. | SEPT 2 77 | B | |
| | | | | A1 | 2-9520 | 4 of 4 | |

INPUTS

OUTPUTS



C.T. PROGRAMME *James L* 2 Sept 77

DRAWING NO.
 2797-0672
 PAGE 1 OF 5

RELEASED
 AUG 31 77
 ER 01103

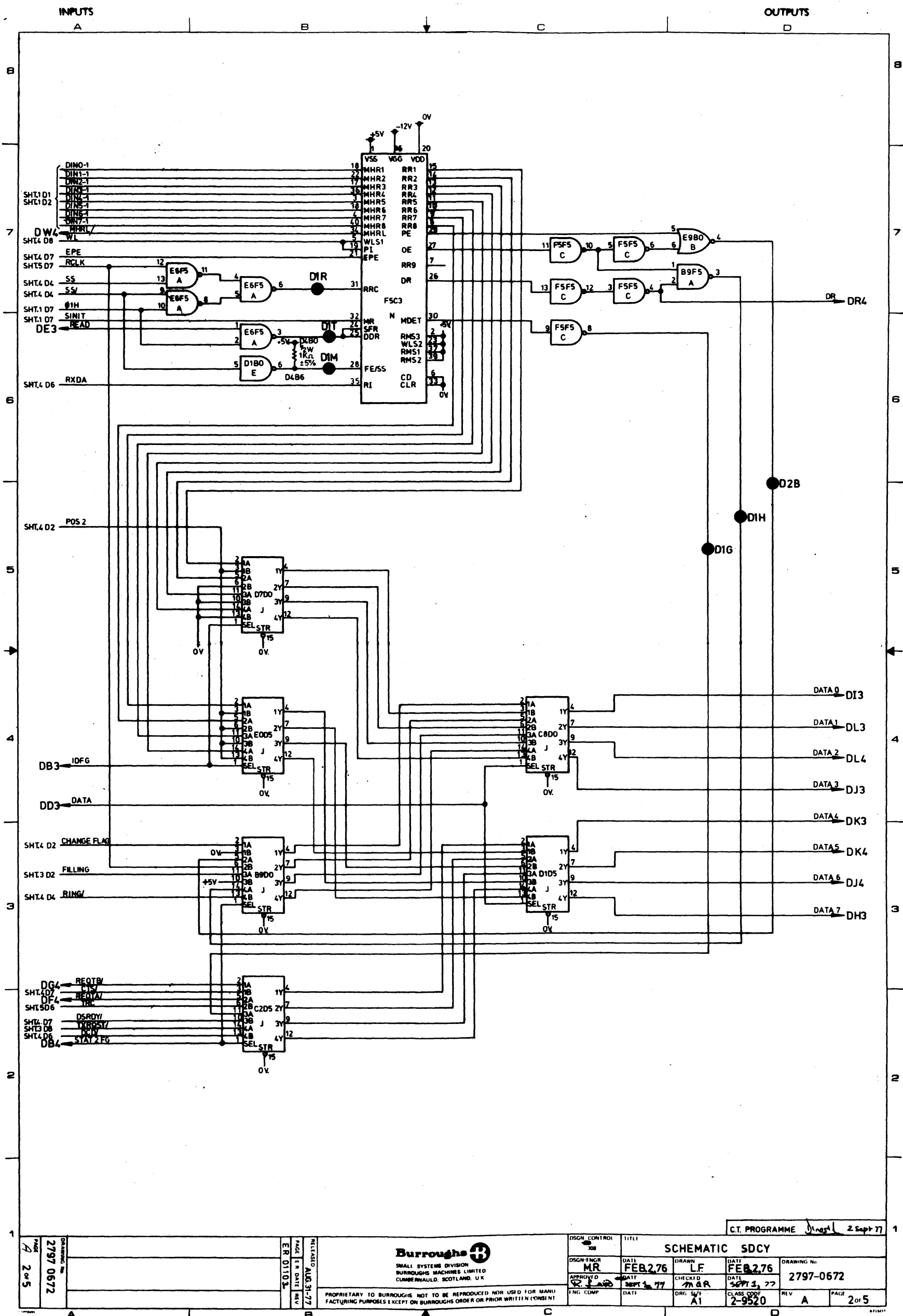


PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

| DESIGN CONTROL | | TITLE | |
|----------------|--------------------|-------------|------------|
| DESIGN ENGR | MR | DATE | FEB 27 76 |
| APPROVED | <i>[Signature]</i> | DATE | SEPT 1, 77 |
| ENGR COMP | | DATE | |
| DRAWN | L.F. | DATE | FEB 27 76 |
| CHECKED | M.G.A. | DATE | SEPT 2, 77 |
| DRG. SIZE | A1 | CLASS. CODE | 2-9520 |
| REV | A | PAGE | 1 OF 5 |

2797-0672

1 OF 5

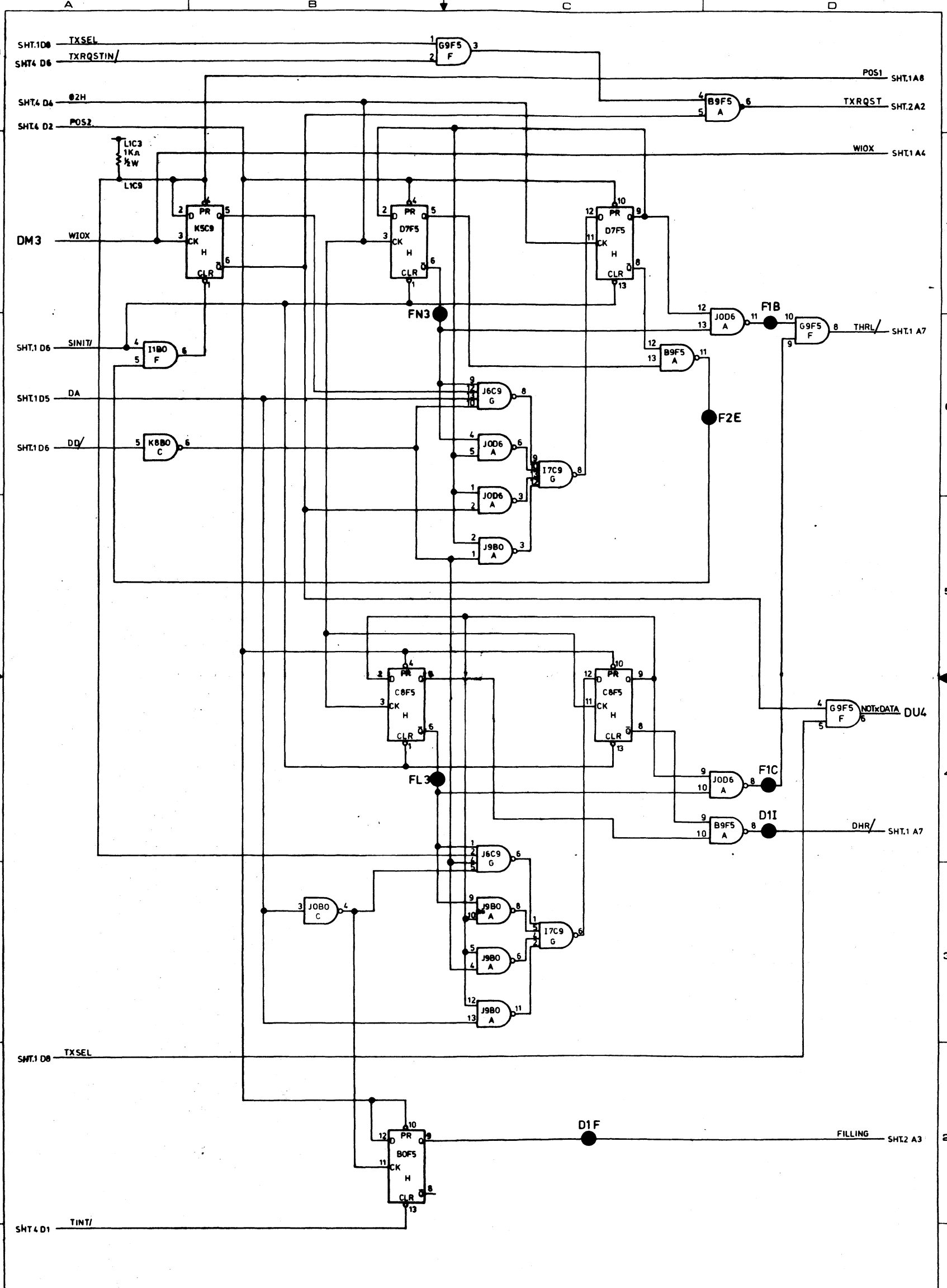


C.T. PROGRAMME *Direct 2 Sept 77*

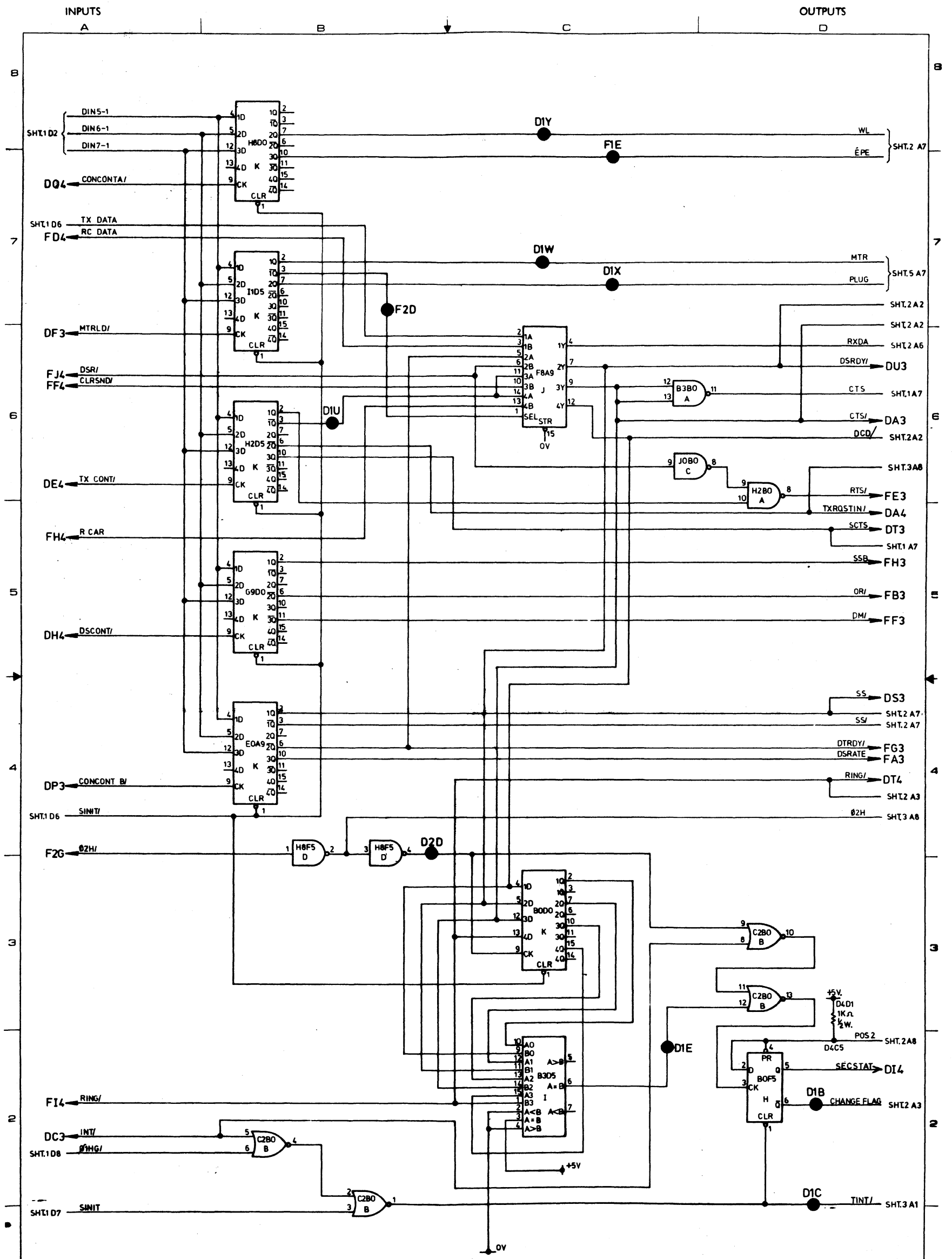
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| DRAWING No. 2797 0672 PAGE 2 of 5 | ER 0103 RELEASED AUG 31 77 PAGE 1 OF DATE REV | Burroughs | | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | TITLE SCHEMATIC SDCY | | DRAWING No. 2797-0672 |
| | | DSGN/ENGR MR | DATE FEB 27 76 | DRAWN LF | DATE FEB 27 76 | CHECKED MAR | DATE SEPT 3 77 | |
| | | APPROVED MR | DATE SEPT 1 77 | DRG. SUPT A1 | CLASS CODE 2-9520 | REV A | PAGE 2 of 5 | |
| | | PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | | | |

INPUTS

OUTPUTS



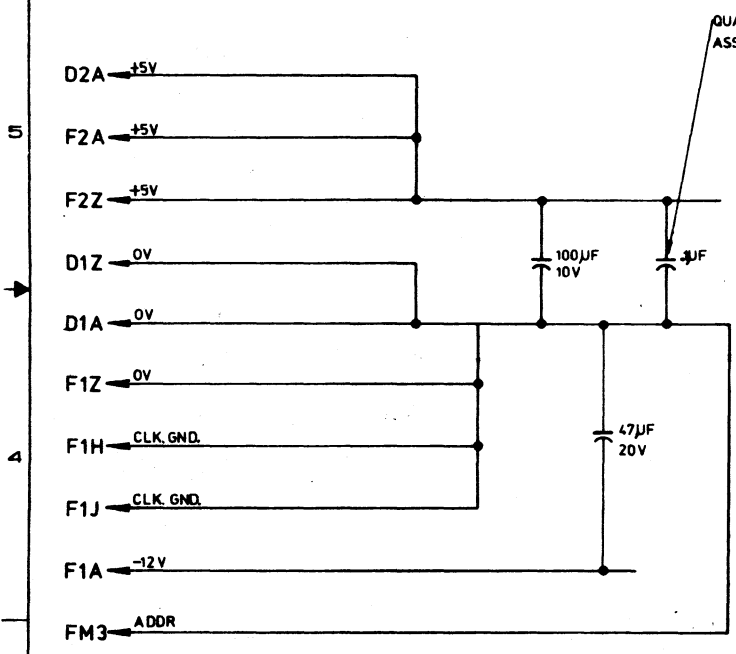
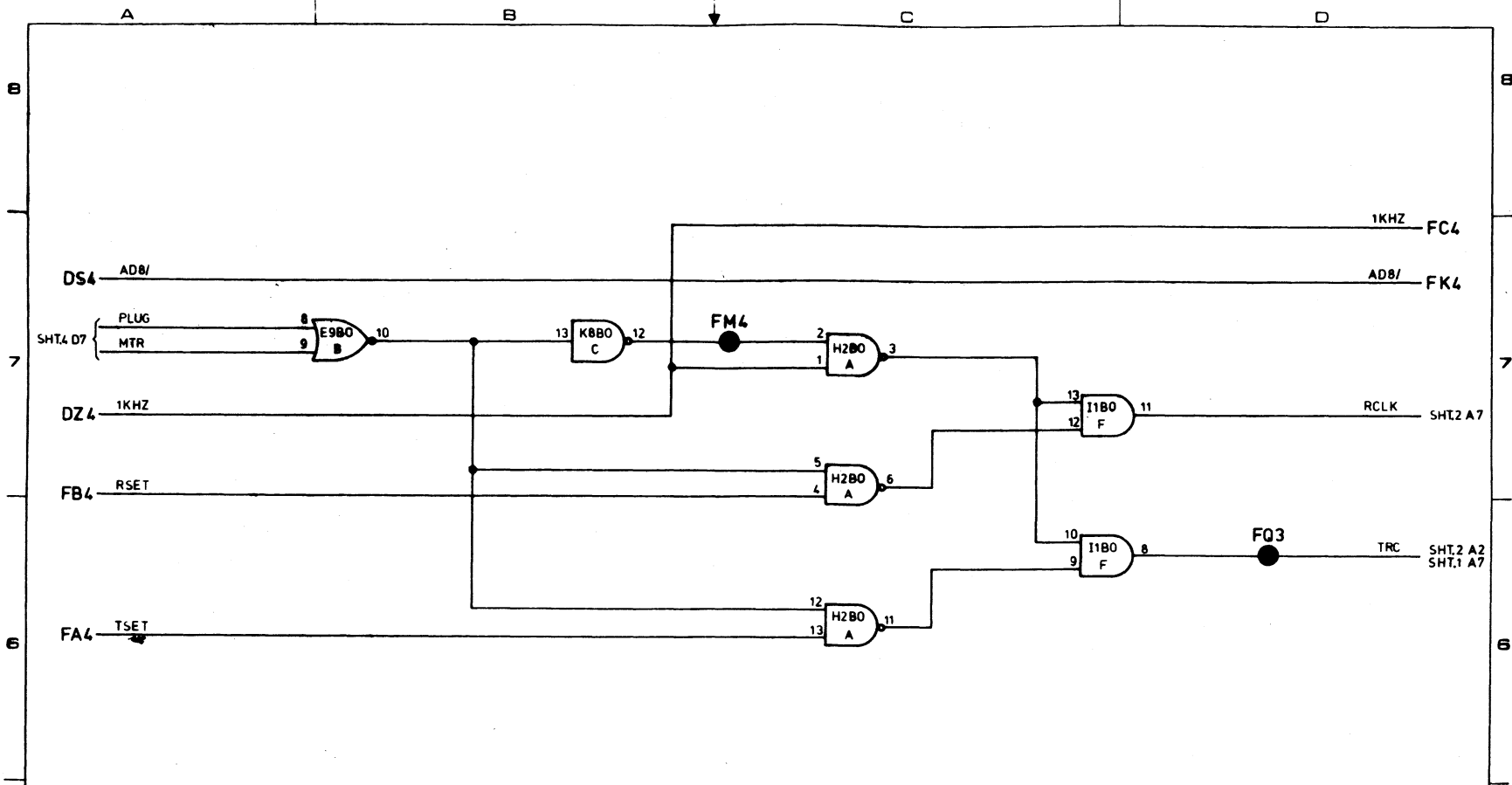
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| DATA SYMBOL NO. 2797-0672 | | RELEASED AUG 31 1977 | | ER 01103 | | Burroughs <small>SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K.</small> | | C.T. PROGRAMME <i>Engl 25 Apr 77</i> | |
| DESGN ENGR MR | DATE FEB 27 76 | DRAWN LF | DATE FEB 27 76 | DRAWING NO. 2797-0672 | | PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | CLASS CODE 2 9520 | |
| APPROVED <i>[Signature]</i> | DATE SEP 1 77 | CHECKED AAA | DATE SEP 1 77 | DRG SIZE A1 | REV A | PAGE 3 of 5 | | | |



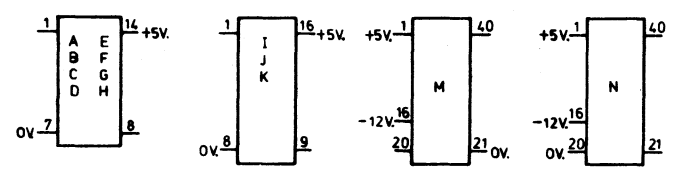
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| DRAWING NO. 2797-0672 | | RELEASED AUG. 31-77 | | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | DSGN CONTROL 308 MR DATE FEB 2, 76 APPROVED DATE SEP 1, 77 FNG COMP. | | TITLE SCHEMATIC SDCY DRAWN LF DATE FEB 2, 76 CHECKED MKA DATE SEP 1, 77 DRG SIZE A1 CLASS CODE 2 9520 | | C.I. PROGRAMME DIN 2.2.77 DRAWING NO. 2797-0672 REV A PAGE 4 of 5 | |
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INPUTS

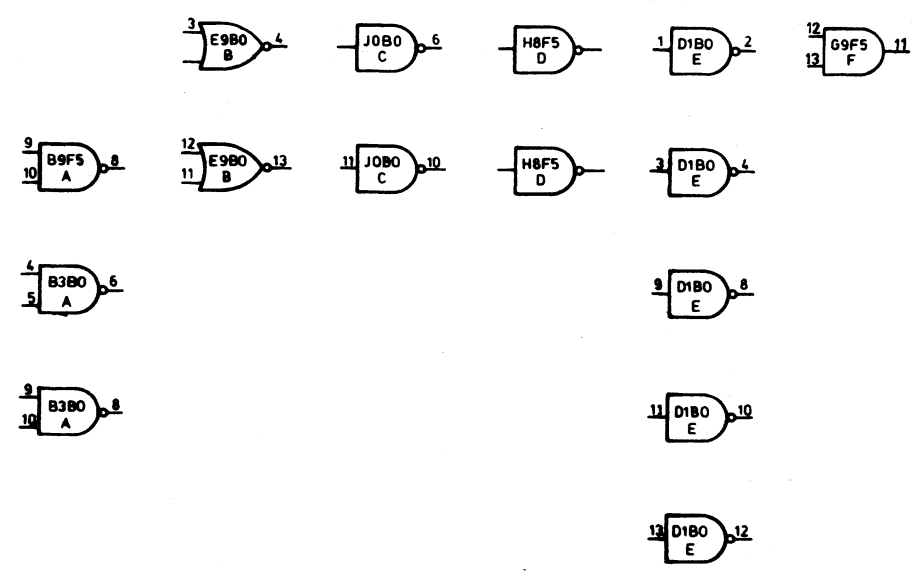
OUTPUTS



QUANTITY & POSITION AS ASSY. DRG. 2797 0664



SPARE GATES



NOTES

- 1) FOR ASSEMBLY SEE 2797 0664
- 2) CODES LISTED FOR COMPONENT PART Nos. AS FOLLOWS:-

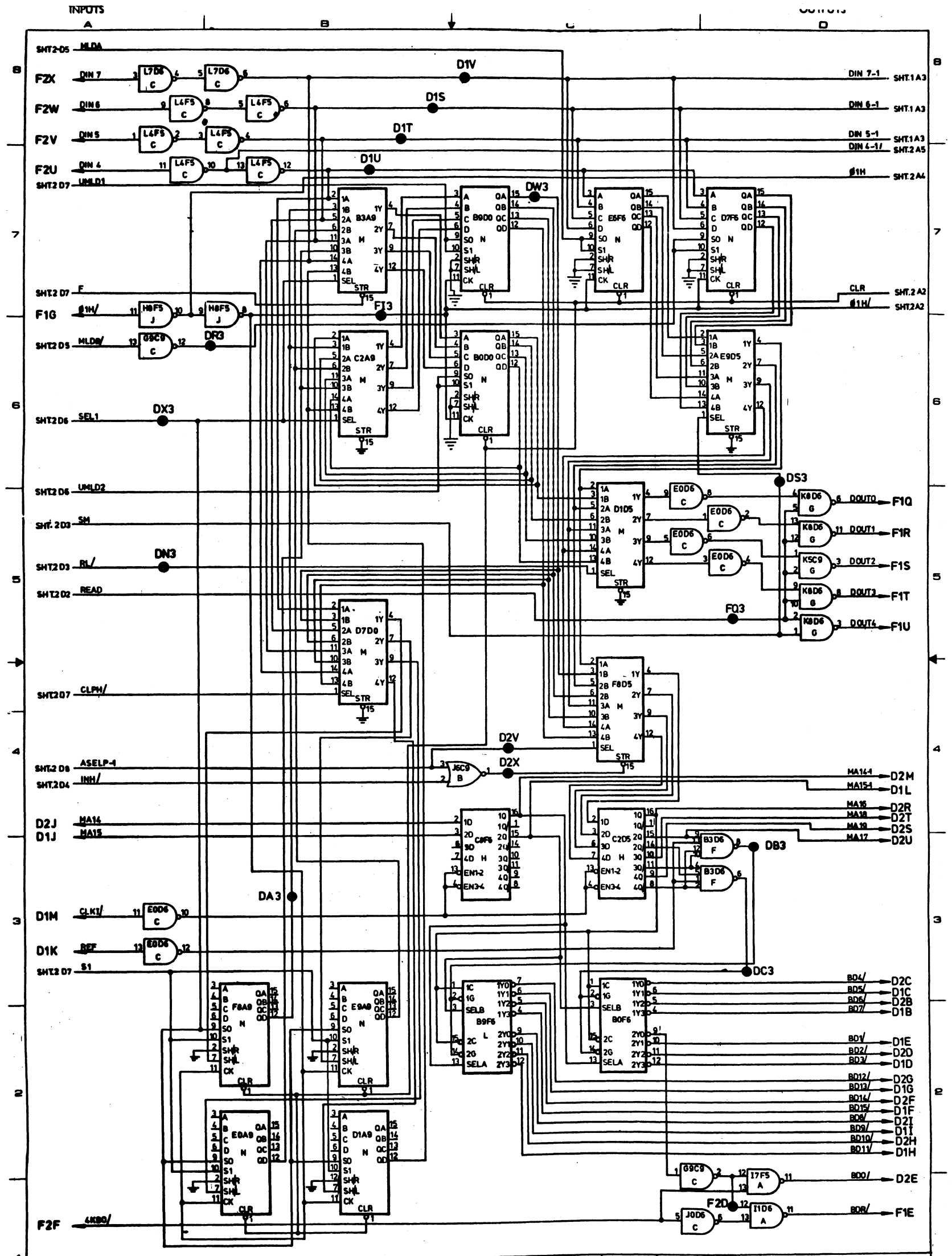
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|-----|--------|-----------|
| A | SN7400 | 1447 3516 |
| B | 7402 | 2600 4911 |
| C | 7404 | 1447 3532 |
| D | 74H04 | 1479 7971 |
| E | 7406 | 1674 4963 |
| F | 7408 | 1447 3524 |
| G | 7420 | 1447 3565 |
| H | 7474 | 1447 3607 |
| I | 7485 | 1449 2052 |
| J | 74157 | 1447 3797 |
| K | 74175 | 1449 1278 |

| RESISTORS | | |
|-----------|--------|----------------|
| | 1KΩ 9% | 1/2W 1268 2324 |

3) UNLESS OTHERWISE STATED ALL RESISTOR VALES ARE IN OHMS

C.T. PROGRAMME *Dring, R. 25 Sept 77*

| | | | | | | | |
|---------------------------------|------------------------------|---|--------------------------------|--------------------------|-----------------------|---------------------------------|--------------------------|
| DRAWING No. 2797-0672 | RELEASED AUG 31 77 | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DESIGN CONTROL | TITLE | | DRAWING No. 2797-0672 | |
| | | | 308 | SCHEMATIC - SDCY | | | |
| | | | DESIGN/ENGR MR | DATE FEB 2, 76 | DRAWN LF | | DATE FEB 2, 76 |
| | | | APPROVED <i>[Signature]</i> | DATE SEP 1, 77 | CHECKED MA | | DATE SEP 1, 77 |
| ENG. COMP. | DATE | DRG. SIZE A1 | CLASS CODE 2-9520 | REV. A | PAGE 5 of 5 | | |

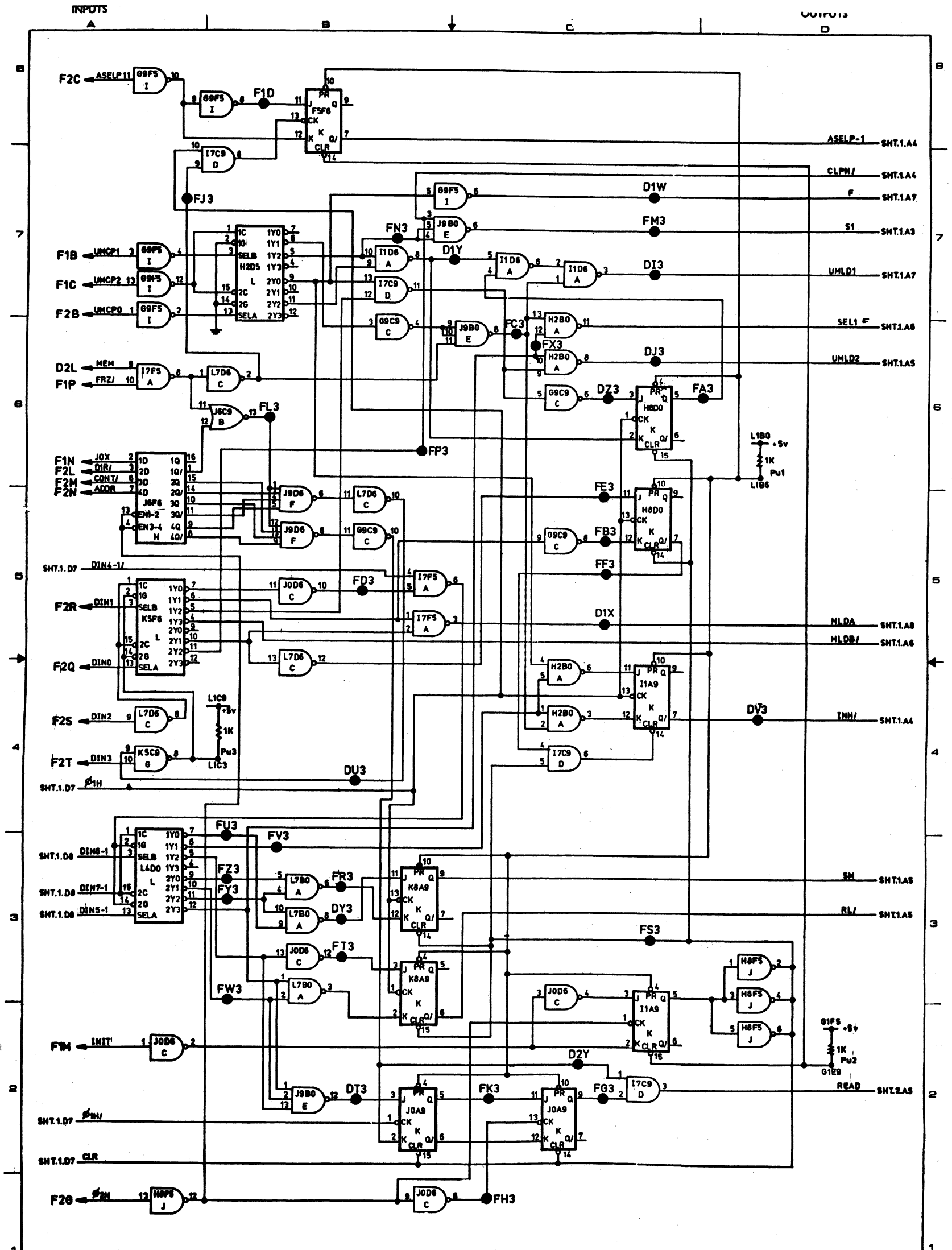


2797 1019
 1 of 3



SMALL SYSTEMS DIVISION
 BURROUGHS MACHINES LIMITED
 CLERMONT, SCOTLAND, U.K.

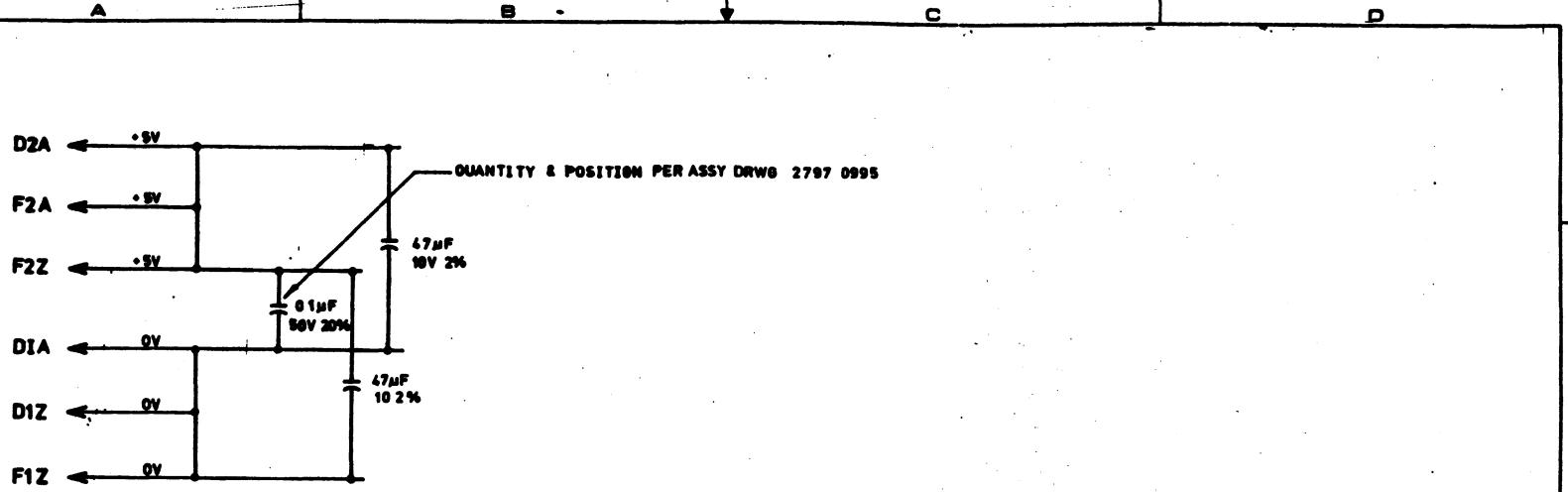
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|---|----------|-----------|------------|
| DESIGNER | DATE | DATE | DATE |
| JMGA | JAN 1 77 | RM | JAN 1 77 |
| APPROVED | DATE | CHECKED | DATE |
| TEA A. J. G. | 15 11 77 | | |
| FILE COMP | DATE | DWG. SIZE | CLASS CODE |
| 32 | 15 1 77 | A1 | 2-9520 |
| PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED OR USED FOR MARKETING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | REV | PAGE |
| | | A | 1 of 3 |



| | | | | | | | |
|--|------------------|--------------------|---------------------|------------------------------------|--------------------|-----------------------|--|
| 2797 1019 2 of 3 | DATE: JAN. 1. 77 | DESIGNER: J.M.C.A. | DESIGN CONTROL: 280 | TITLE: MEMORY EXTENSION CONTROLLER | | | |
| | | | DATE: 11.2.77 | DRAWN: R.M. | DATE: JAN. 1. 77 | DRAWING NO: 2797 1019 | |
| | | | DATE: 10/1/77 | CHECKED: K.P.A. | DATE: 10/1/77 | REV: A | |
| | | | DATE: 10.1.77 | DWG. SIZE: A1 | CLASS CODE: 2-9520 | PAGE: 2 of 3 | |
| Burrhoys SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED DUNDEE, SCOTLAND, U.K. | | | | | | | |
| PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | | | | |

INPUTS

OUTPUTS



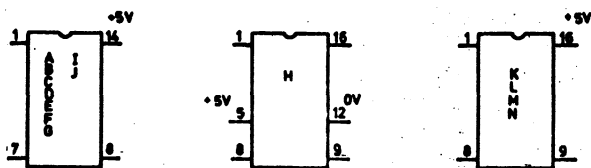
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- 1 FOR ASSY. SEE 2797 0995
- 2 CODES LISTED FOR COMPONENT PART NOS. ARE AS FOLLOWS.

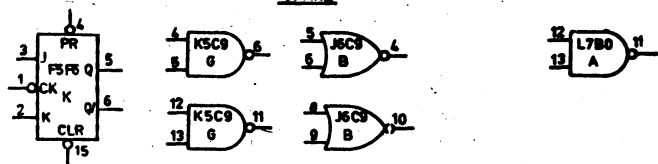
I.C.'S

| | | |
|---|----------|-----------|
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| B | SN7402 | 2600 4911 |
| C | SN7404 | 1447 3532 |
| D | SN7408 | 1447 3524 |
| E | SN7410 | 1447 3540 |
| F | SN7420 | 1447 3565 |
| G | SN7438 | 1447 3581 |
| H | SN7475 | 1269 6836 |
| I | SN74LS04 | 1269 6808 |
| J | SN7490 | 2600 4498 |
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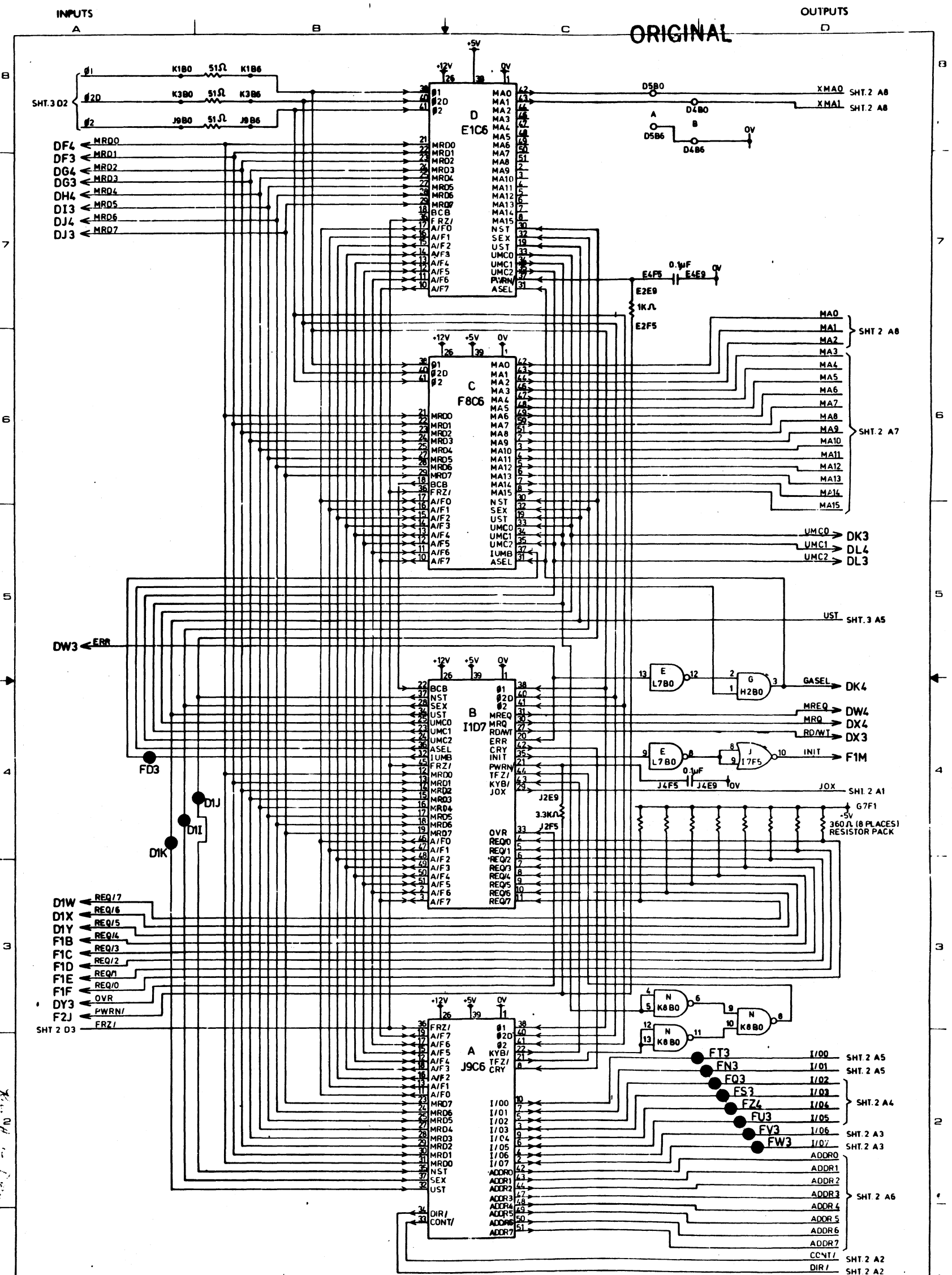
- 3 UNLESS OTHERWISE STATED ALL RESISTANCE VALUES ARE IN OHMS.



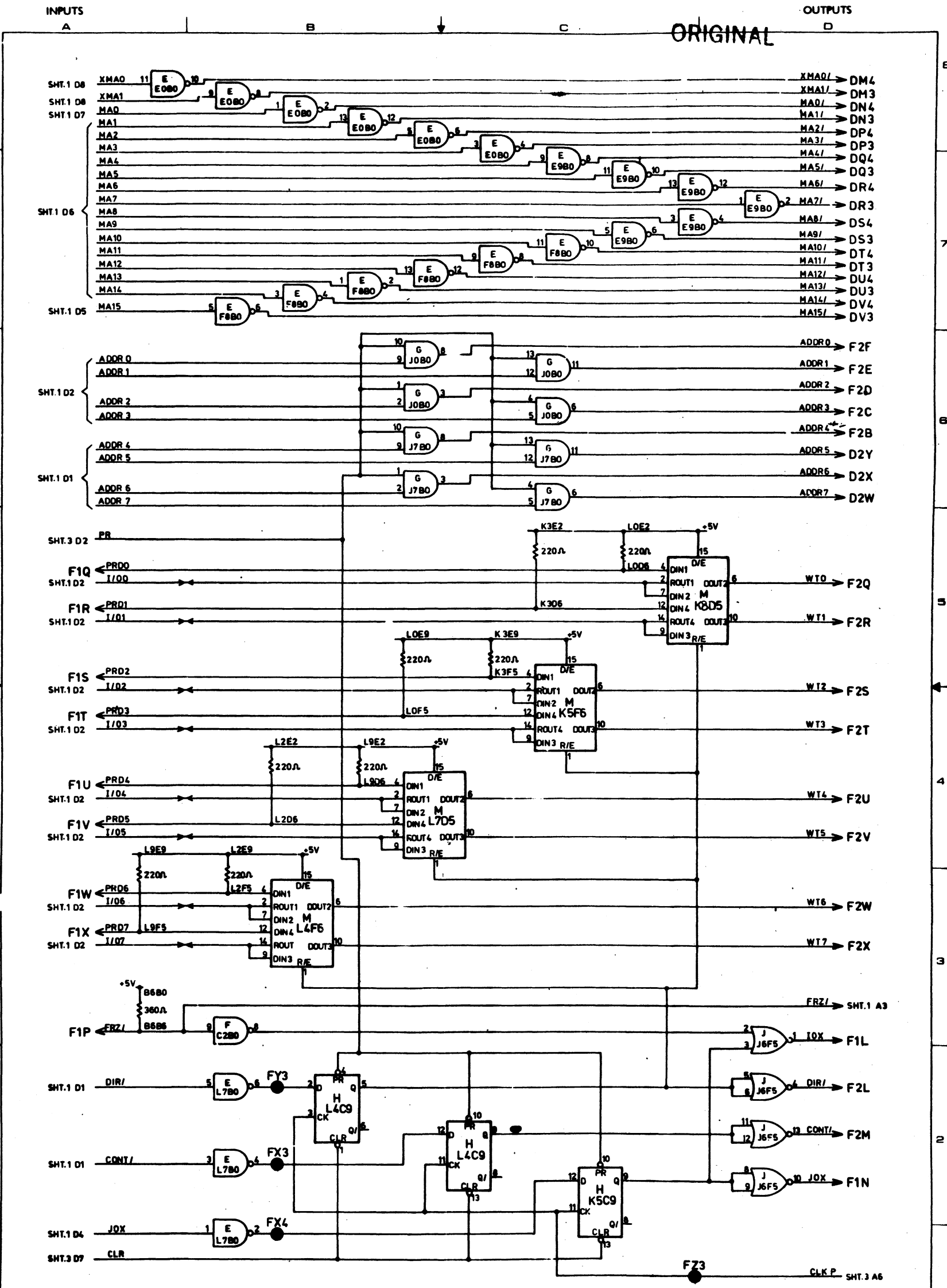
RESISTORS
1K. 5% 1/2W - 1268 2324



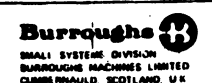
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| <p>2797 1019</p> <p>3 of 3</p> | <p>Burroughs</p> <p>SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED GLENFERRIE, SCOTLAND, U.K.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DESIGN CONTROL</td> <td style="width: 15%;">TITLE</td> <td style="width: 15%;">DATE</td> <td style="width: 15%;">DRAWN</td> <td style="width: 15%;">DATE</td> <td style="width: 15%;">DRAWING NO.</td> </tr> <tr> <td>208</td> <td>MEMORY EXTENSION CONTROLLER</td> <td></td> <td>RM</td> <td>JAN. 1 .77</td> <td>2797 1019</td> </tr> <tr> <td>APPROVED</td> <td>DATE</td> <td>CHECKED</td> <td>DATE</td> <td>DATE</td> <td></td> </tr> <tr> <td>J.M.C.A.</td> <td>17 JAN 77</td> <td>R.C.A.</td> <td>20 JAN 77</td> <td></td> <td></td> </tr> <tr> <td>LOG. COMP.</td> <td>DATE</td> <td>DRG. SIZE</td> <td>CLASS CODE</td> <td>REV.</td> <td>PAGE</td> </tr> <tr> <td>C.A. 1</td> <td>15.1.77</td> <td>A1</td> <td>2-9520</td> <td>A</td> <td>3 of 3</td> </tr> </table> | DESIGN CONTROL | TITLE | DATE | DRAWN | DATE | DRAWING NO. | 208 | MEMORY EXTENSION CONTROLLER | | RM | JAN. 1 .77 | 2797 1019 | APPROVED | DATE | CHECKED | DATE | DATE | | J.M.C.A. | 17 JAN 77 | R.C.A. | 20 JAN 77 | | | LOG. COMP. | DATE | DRG. SIZE | CLASS CODE | REV. | PAGE | C.A. 1 | 15.1.77 | A1 | 2-9520 | A | 3 of 3 |
| DESIGN CONTROL | TITLE | DATE | DRAWN | DATE | DRAWING NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 208 | MEMORY EXTENSION CONTROLLER | | RM | JAN. 1 .77 | 2797 1019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED | DATE | CHECKED | DATE | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J.M.C.A. | 17 JAN 77 | R.C.A. | 20 JAN 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOG. COMP. | DATE | DRG. SIZE | CLASS CODE | REV. | PAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C.A. 1 | 15.1.77 | A1 | 2-9520 | A | 3 of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | | | | | | | |
|---------------------|--|--|--|---|--|--|--|--------------------------|--|
| 2797 1134 1 of 4 | | RELEASED BY: 277 DATE: 01/28/80 BY: J. S. W. | | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | TITLE: SCHEMATIC, 'N' BD5 PROCESSOR DESIGNER: T.S. DATE: MAY 12-77 APPROVED: C.H. DATE: MAY 12-77 DRAWN: T. S. W. DATE: 05/20/77 CHECKED: T. S. W. DATE: 05/20/77 PART NO: 2-9520 | | 2797 1134 B 1 of 4 | |
|---------------------|--|--|--|---|--|--|--|--------------------------|--|



| | | | | | |
|--|-------------------|------------------|--------------------|----------------------|---------------------------------|
| DRAWING NO. 2797 1134B PAGE 2 of 4 | DATE MAY 12 77 | DRAWN BY I.S. | CHECKED BY C.H. | DATE MAY 12-77 | DRAWING NO. 2797 1134 |
| | ER 01 2 95 | APPROVED DATE | DATE 12 30 77 | CLASS CODE 2-9520 | PART B |
| | ER 01 2 95 | DATE | DATE | CLASS CODE | PART |
| | ER 01 2 95 | DATE | DATE | CLASS CODE | PART |



PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN COMMENT

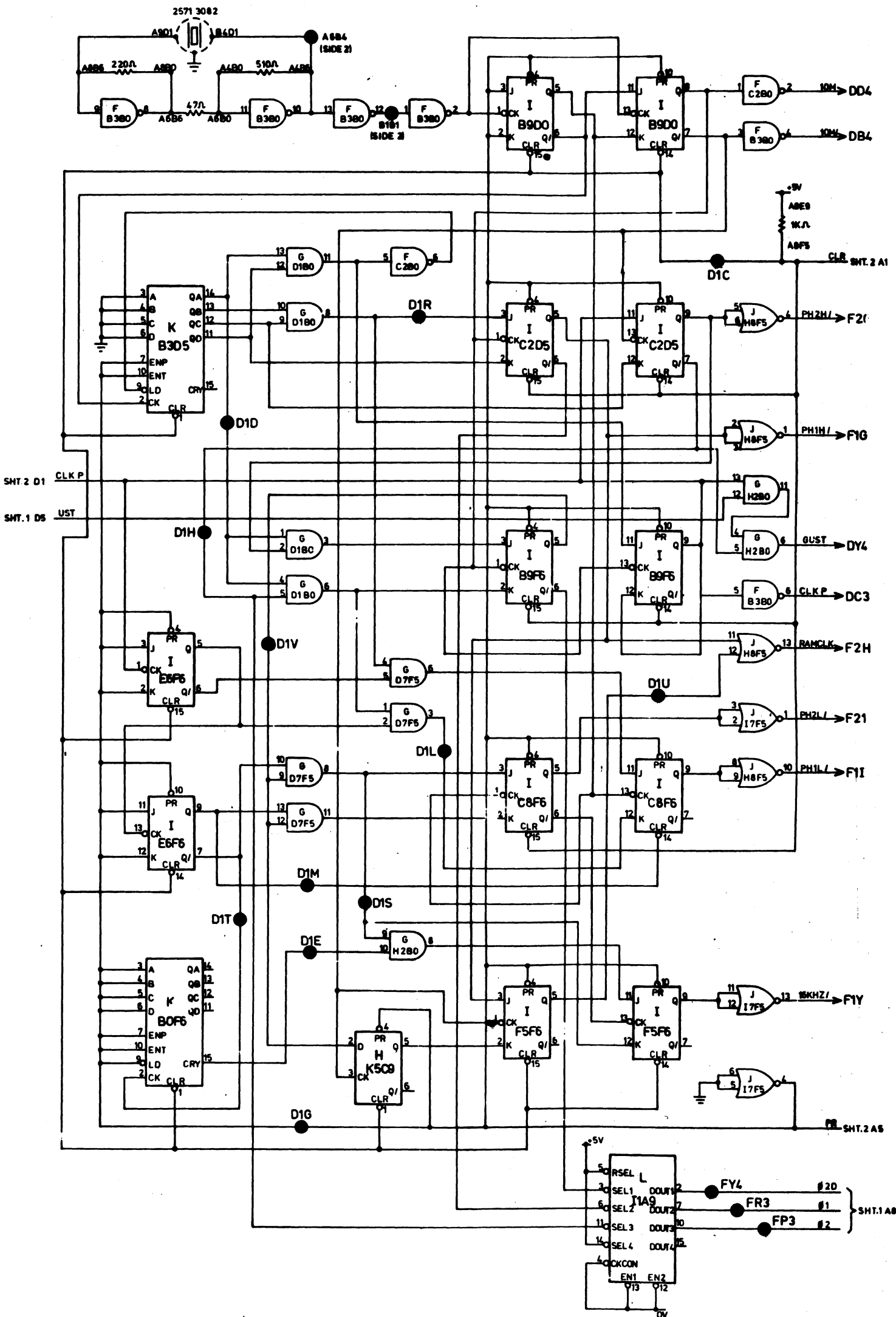
SCHEMATIC, 'N' BDS PROCESSOR

| | | | | |
|-----------------------|-------------------|--------------------------|----------------------|---------------------------------|
| DESIGN CONTROL JOB | DATE MAY 12-77 | DRAWN C.H. | DATE MAY 12-77 | DRAWING NO. 2797 1134 |
| DESIGNER I.S. | DATE 12 30 77 | CHECKED BY T. Simpson | DATE 12 30 77 | PART B |
| APPROVED DATE | DATE | DATE | CLASS CODE 2-9520 | PART B |
| ENG COMP DATE | DATE | DATE | CLASS CODE | PART |

INPUTS
A

OUTPUTS
D

ORIGINAL



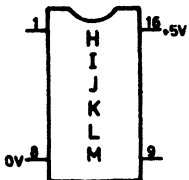
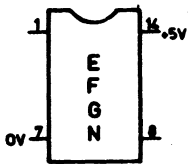
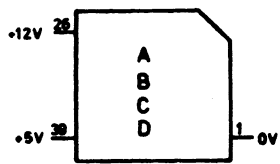
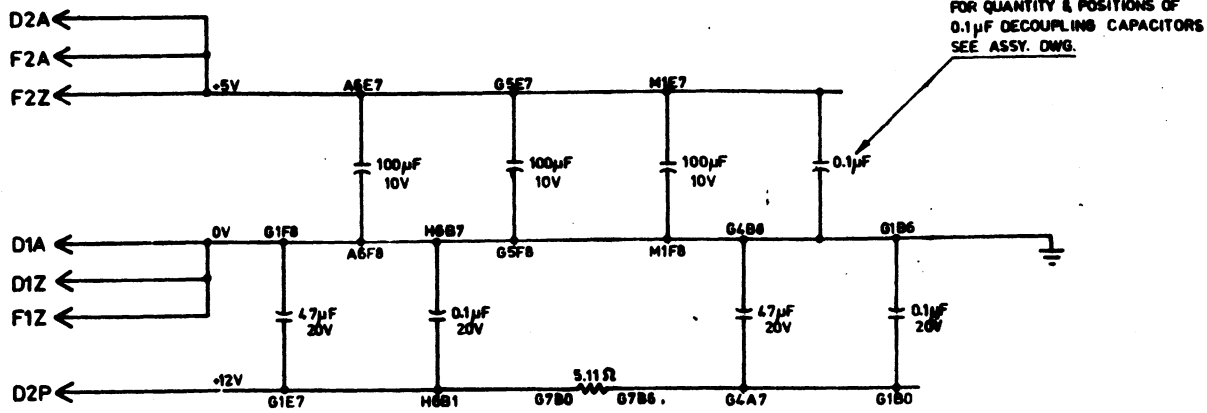
| | | | | | | | |
|----------------------|--|--|--|---|--|---|--|
| 2797 1134B 3 of 4 | | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CLERMONT, SCOTLAND, U.K. | | TITLE: SCHEMATIC, 'N' BDS PROCESSOR DATE: MAY 12-77 DRAWN: CH. CHECKED: [Signature] DATE: [Signature] | | DRAWING NO.: 2797 1134 REV: B CLASS: 2-9520 PAGE: 3 of 4 | |
|----------------------|--|--|--|---|--|---|--|

INPUTS

OUTPUTS

ORIGINAL

POWER DISTRIBUTION



NOTES:-

- 1. FOR ASSEMBLY SEE 2797 5044
- 2. CODES USED FOR COMPONENTS ARE AS FOLLOWS:-

L.S.I's

- A - ALU - 2574 4327
- B - T.M. - 2574 4338
- C - M.A. - 2574 4319
- D - XMA. - 2797 3759

I.C.'s

- E - SN 7404 - 1447 3532
- F - SN 74504 - 2600 1495
- G - SN 7408 - 1447 3524
- H - SN 74574 - 2600 1537
- I - SN 745112 - 2602 7417
- J - SN 74128 - 1289 6860
- K - SN 74161 - 1447 3771
- L - 3245 - 2574 6975
- M - 8T28 - 2797 5374
- N - SN74LS00 - 2607 1787

3. SPARE GATES.



ET PROGRAMME

| | | | |
|------------|------------|------------|------------|
| 2797 1134B | 2797 1134B | 2797 1134B | 2797 1134B |
| 2797 1134B | 2797 1134B | 2797 1134B | 2797 1134B |



SMALL SYSTEMS DIVISION
BURGOUCHS MACHINES LIMITED
CUNNINGHAM, SCOTLAND, U.K.

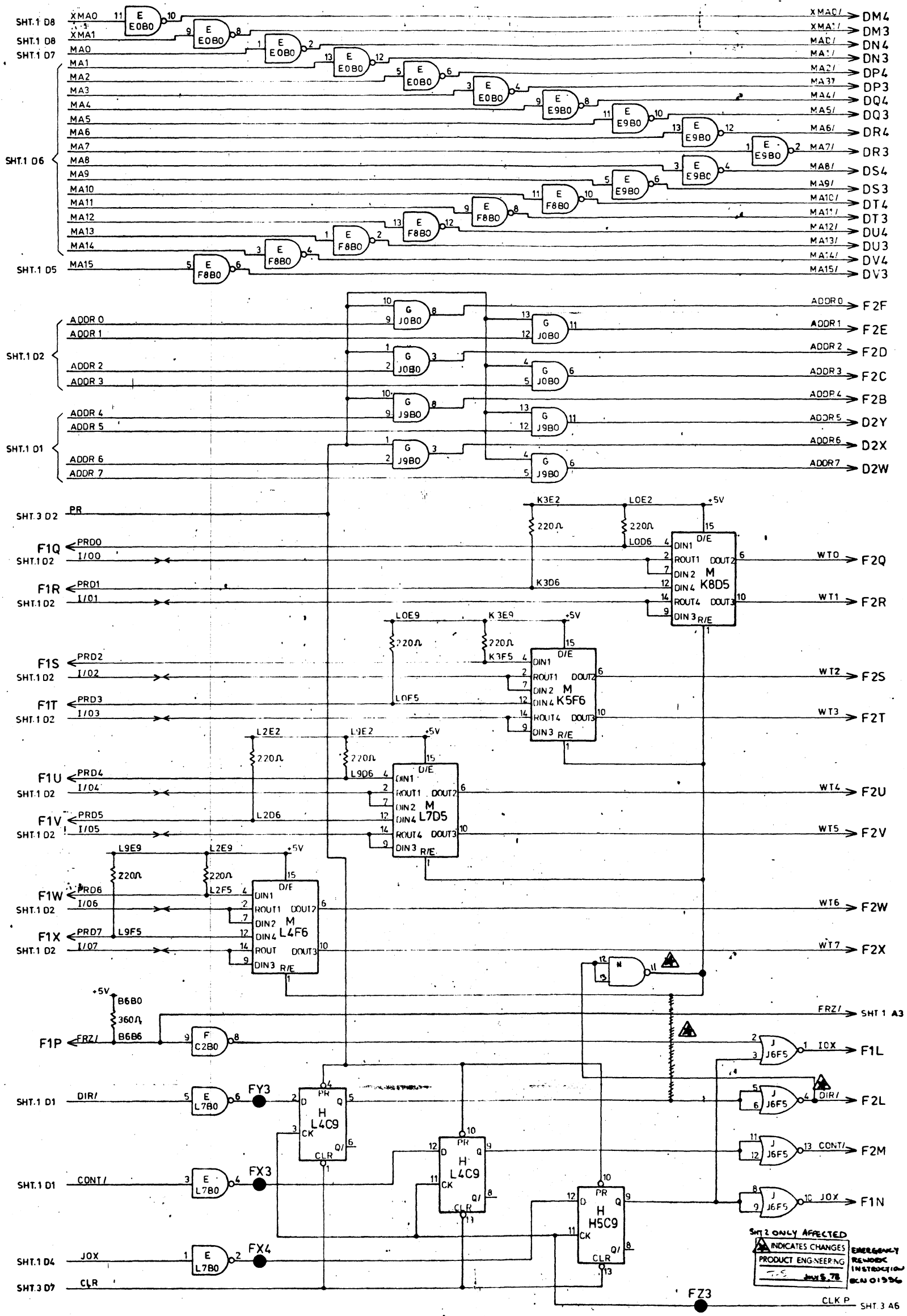
PROPRIETARY TO BURGOUCHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURGOUCHS ORDER OR PRIOR WRITTEN CONSENT

| | | | | |
|-------------------------|---------------------|-----------------------------|-----------------------|--------------------------|
| DESIGNER T.S. | DATE MAY 12-77 | DRAWN C.H. | DATE MAY 12-77 | DRAWING NO. 2797 1134 |
| APPROVED [Signature] | DATE [Signature] | CHECKED T.S. [Signature] | DATE MAY 30-77 | REV B |
| ENG. CLERK | DATE | DWG. SIZE A1 | CLASS. CODE 2-9520 | PAGE 4 of 4 |

INPUTS

OUTPUTS

A B C D

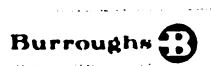


SHT 2 ONLY AFFECTED
INDICATES CHANGES
PRODUCT ENG. NEEDS
INSTRUCTION
JUN 5 78
ECN 01596

CT PROGRAMME

2797 1134

2797 1134
2-4
SHT 2 ONLY AFFECTED
INDICATES CHANGES
PRODUCT ENG. NEEDS
INSTRUCTION
JUN 5 78
ECN 01596

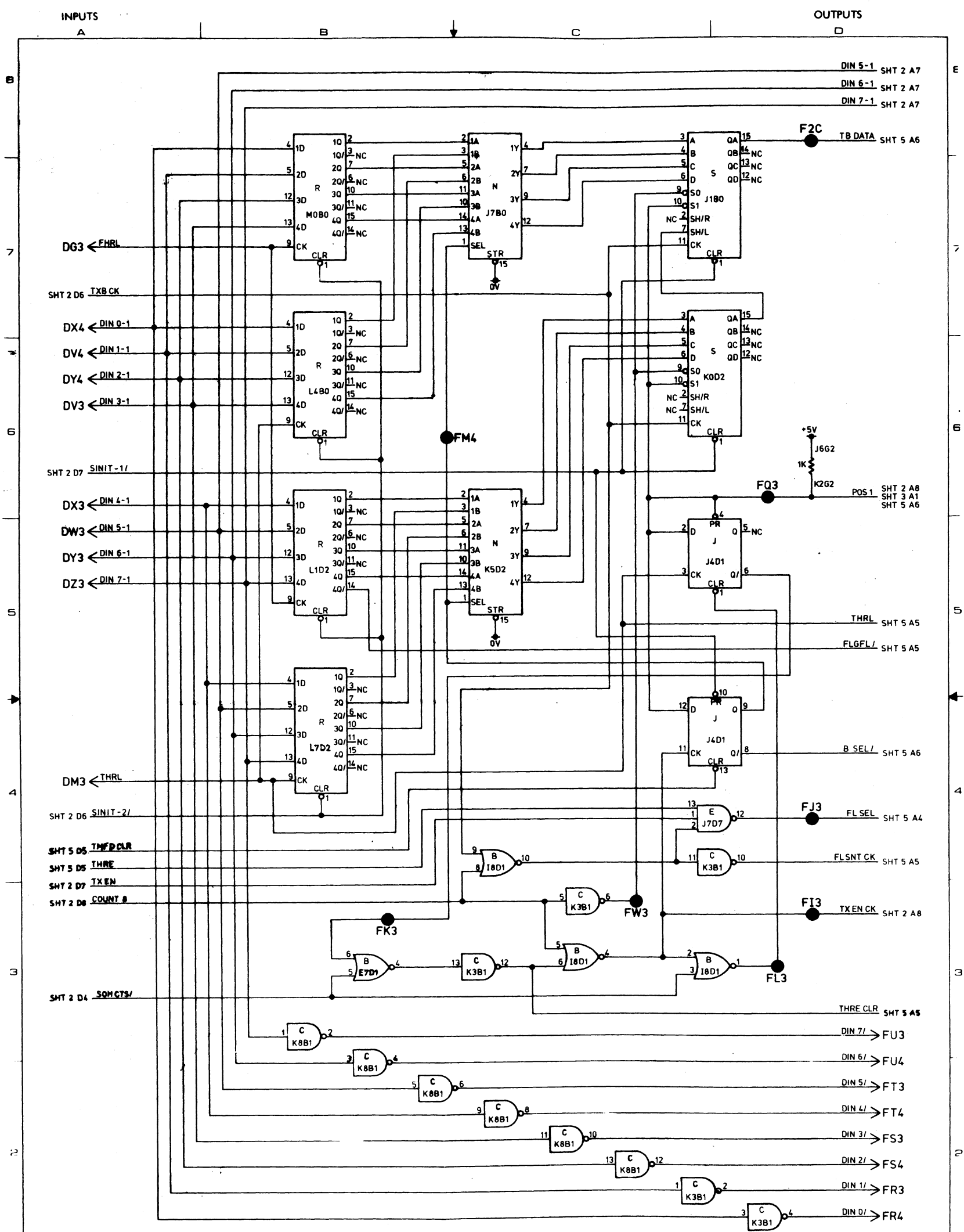


SCHEMATIC, N' BDS PROCESSOR

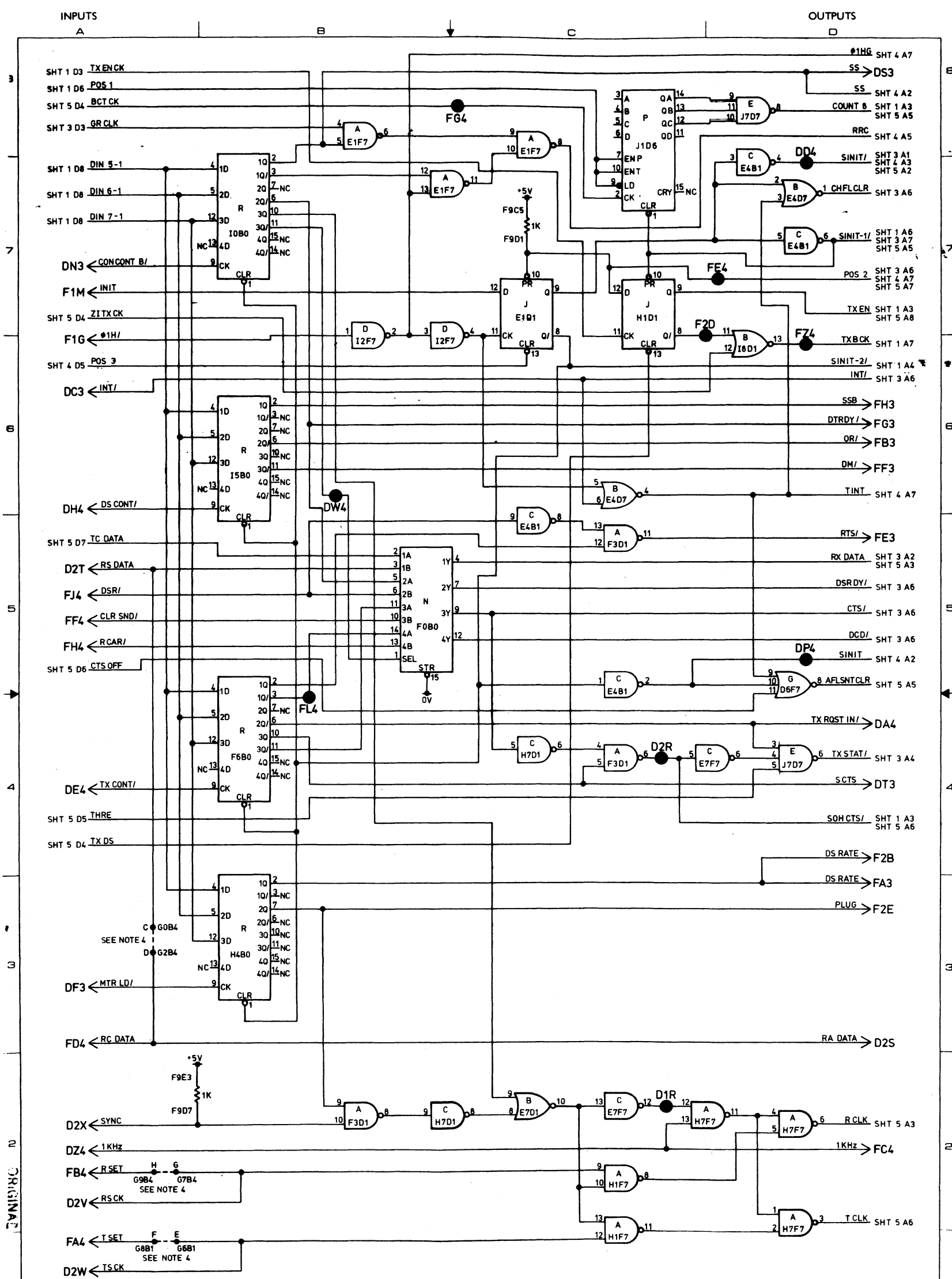
MAY 12 77
CH MAY 17 77
T. Sk... JUN 30 77
A1 2-9520 AC 24

ECN 01596

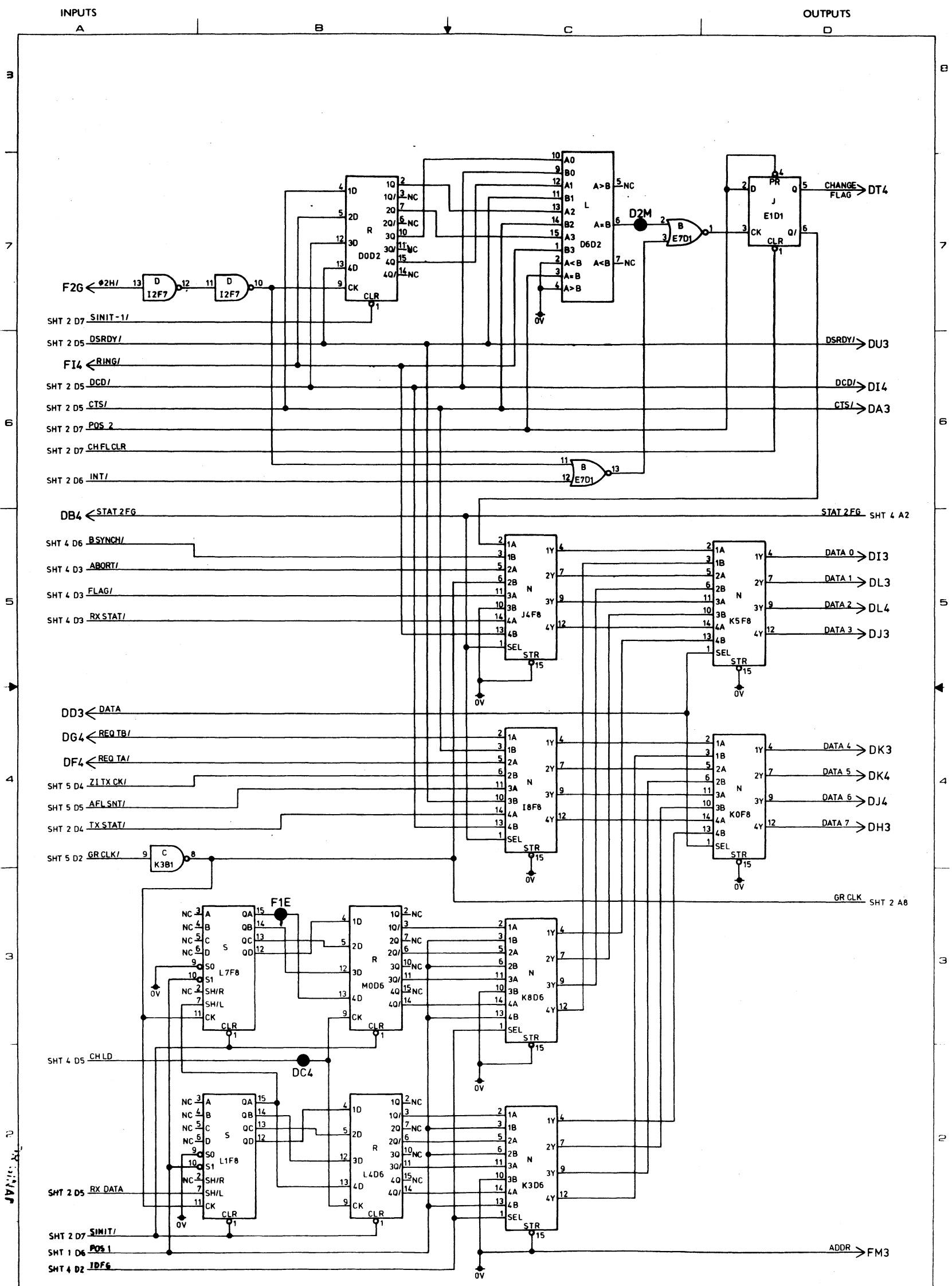
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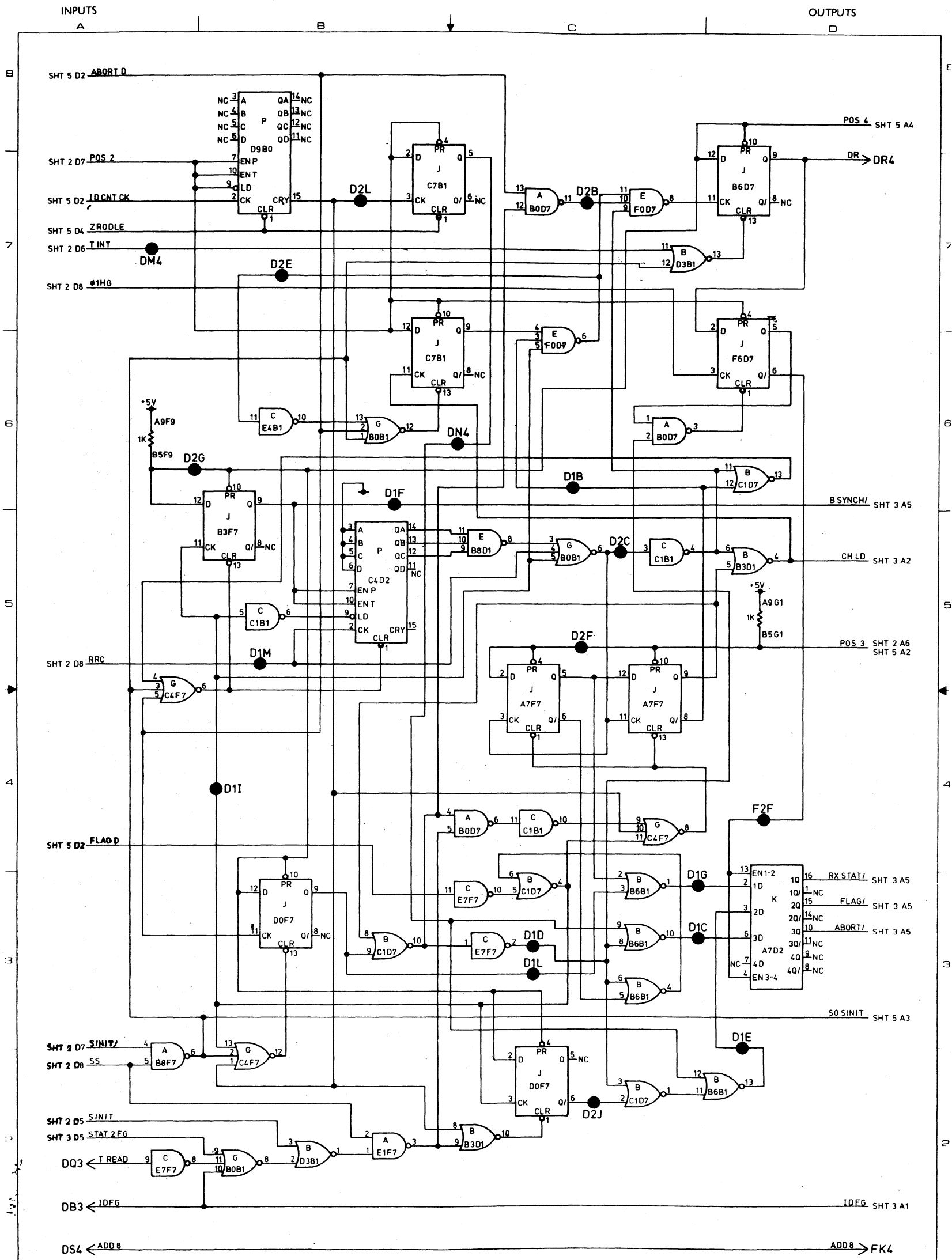
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|-----------|---|------------|------------|------------------|-----------|--------------------------|-----------|------------------|--|
| 2797 3940 | | ER 01313 A | APR 14, 78 | Burroughs | | SCHEMATIC, S.D.C. B.D.L. | | CT PROGRAMME No. | |
| 1 | 6 | | | S.M. | FEB.20.78 | C.H. | FEB.20.78 | 2797 3940 | |
| | | | | | | S.A. Penick | | APL. 14. 78 | |
| | | | | | | A1 | | 2-9520 | |
| | | | | | | | | A | |
| | | | | | | | | 1 OF 6 | |



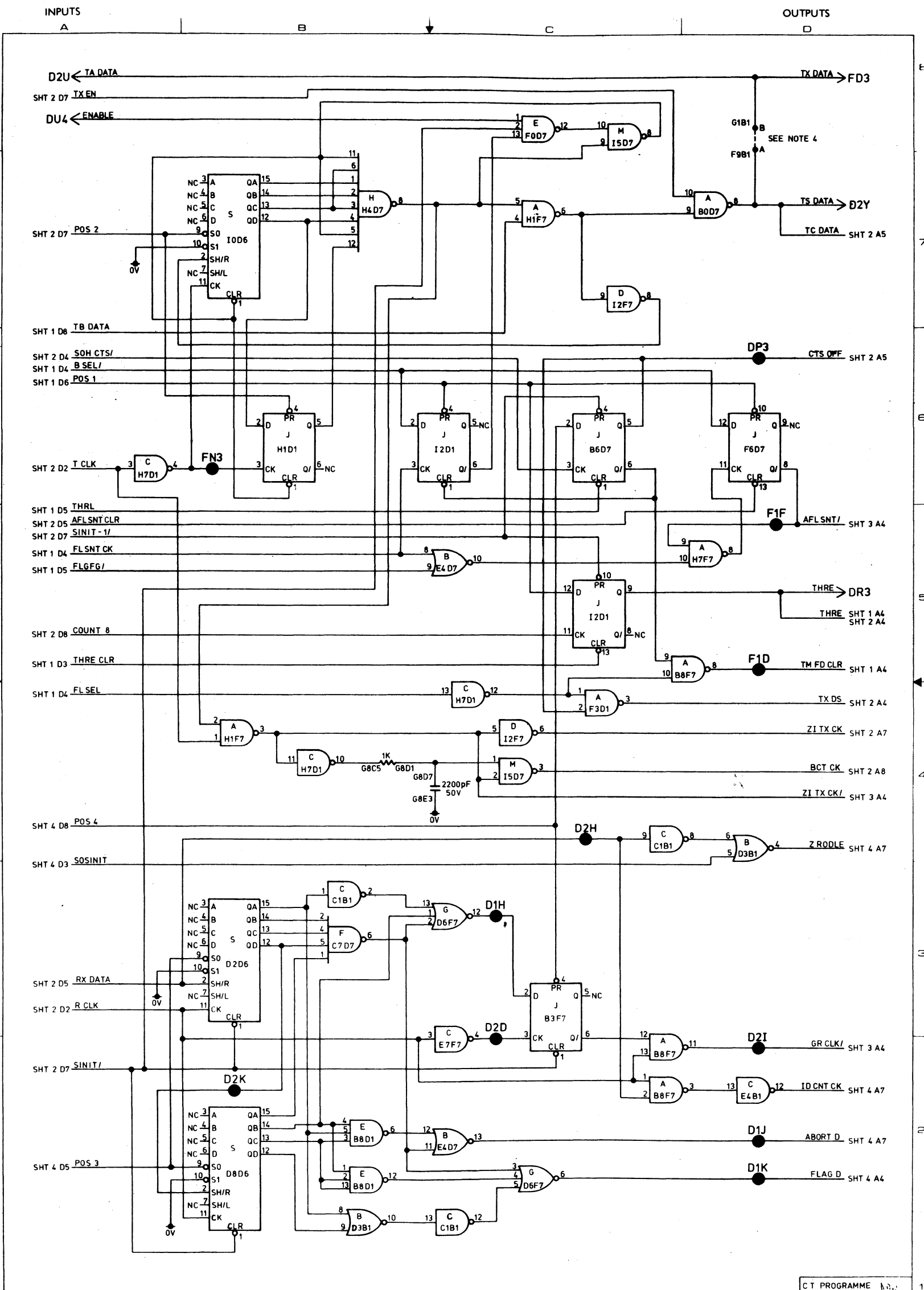
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| 2797 3940 | 2797 3940 | APR 12 78 | ER 01313 A | BURROUGHS SYSTEMS DIVISION BURROUGHS MACHINES LIMITED GORDON ROAD, SCOTLAND, U.K. | DESIGN CONTROL | TITLE | DATE | DESIGNED BY | DATE | DRAWN BY | DATE | CLASSIFIED | REV | 2 of 6 |
| | | | | | OR | SCHEMATIC, S.D.C. B.D.L. | FEB 20 78 | S.M. | C.H. | FEB 20 78 | A1 | 2-9520 | A | 2 of 6 |



| | | | | | | | | | | | |
|---------------------|-----------|-----------|------------------|--|--|--------------|--------------------------|-----------|--|----------|--|
| 2797 3940 3 of 6 | ER 0131 A | APR 14/78 | Burroughs | | | | SCHEMATIC, S.D.C. B.D.L. | | | | |
| | | | S.M. FEB 20, 78 | | | | C.H. FEB 20, 78 | | | | |
| | | | S.A. MOSELEY | | | | APR 14, 78 | | | | |
| | | | A1 | | | | 2-9520 | | | | |
| | | | | | | CT PROGRAMME | | 2797 3940 | | A 3 of 6 | |



| | | | | | | | | |
|---------------------|--------------|-----------|------------------|-----------|---------------------------|-----------|-----------|--|
| 2797 3940 4 of 6 | ER 0133 A | APR 14 78 | Burroughs | | SCHEMATIC, S.D.C. B.D.L.* | | | |
| | | | S.M. | FEB 20 78 | C.H. | FEB 20 78 | 2797 3940 | |
| | | | | | SA Manna | | APL 14 78 | |
| | | | | | A1 | | 2-9520 | |
| | | | | | | | A 4 of 6 | |



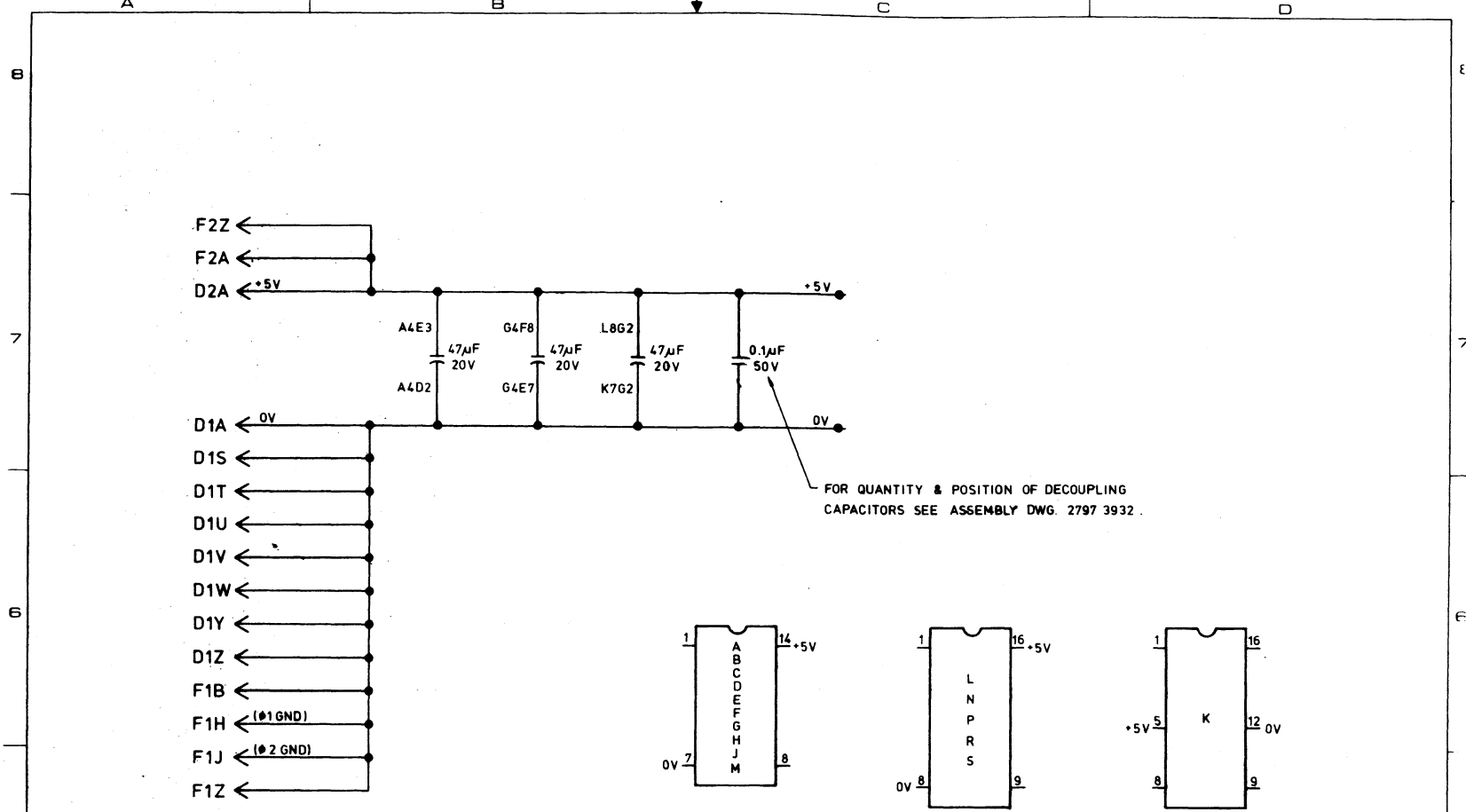
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| 2797 3940 | | ER 01313 | | APR 14, 78 | | Burroughs | | S.M. FEB. 20, 78 | | C.H. FEB. 20, 78 | | S.D. MAR. 14, 78 | | 2797 3940 | |
| 5 of 6 | | A | | A | | A | | A1 | | 2-9520 | | A | | 5 of 6 | |

CT PROGRAMME A.D.

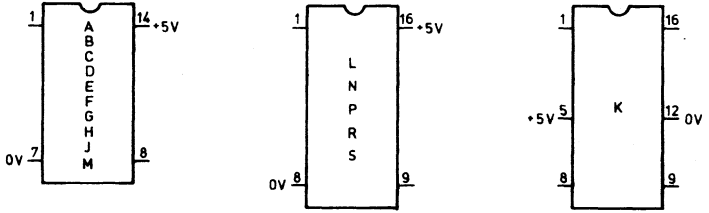
SCHMATIC, S.D.C. B.D.L.

INPUTS

OUTPUTS



FOR QUANTITY & POSITION OF DECOUPLING CAPACITORS SEE ASSEMBLY DWG. 2797 3932.

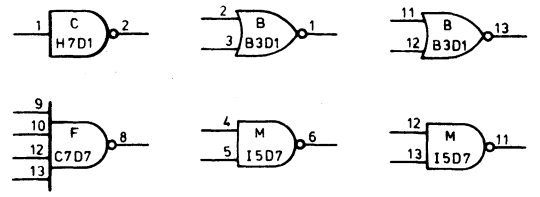


- NOTES - 1) FOR ASSEMBLY SEE 2797 3932.
 2) RESISTANCE VALUES ARE IN OHMS 1/2W ±5% .
 3) CODE LETTERS FOR COMPONENTS ARE AS FOLLOWS :-

I.C.s

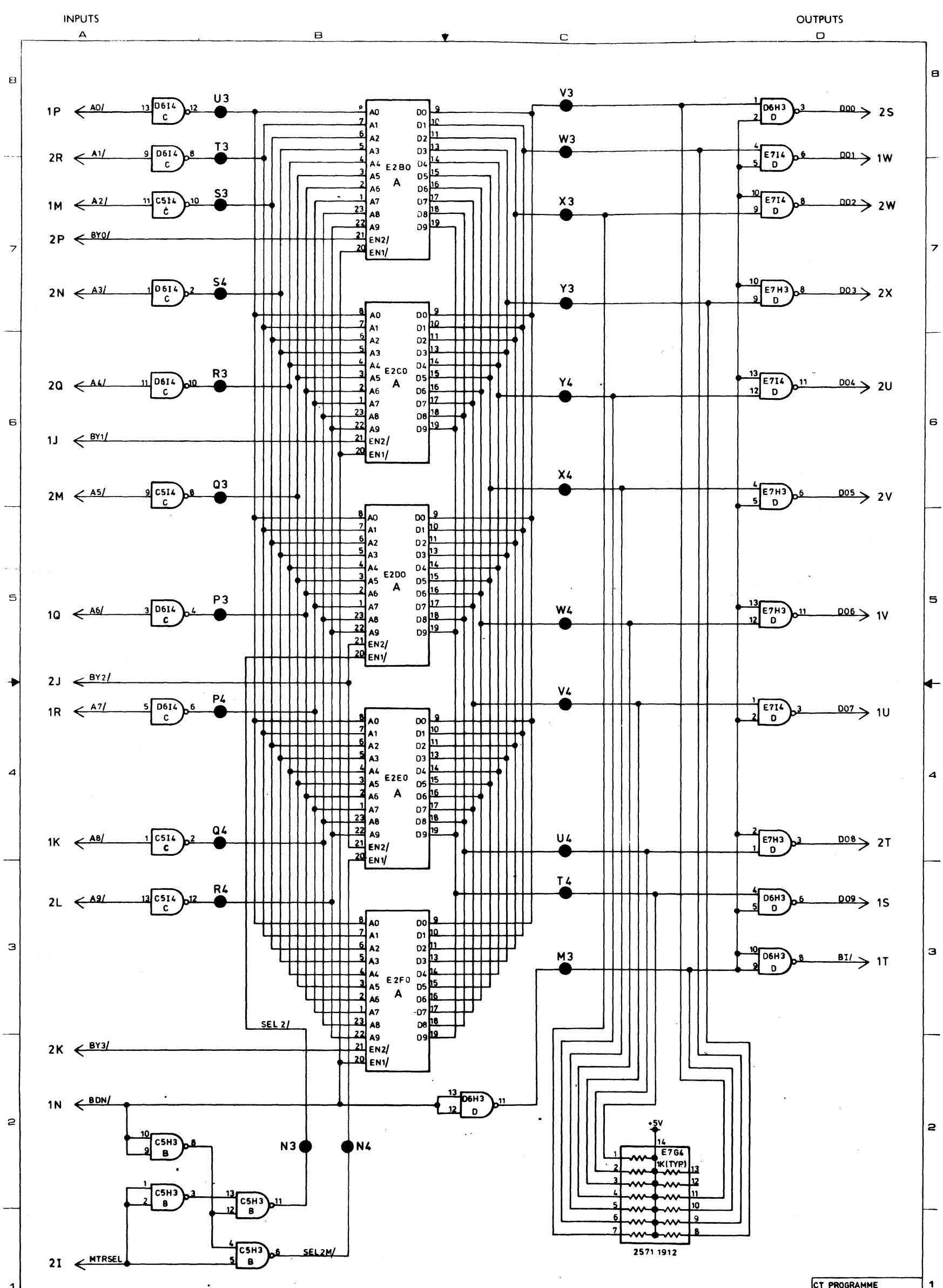
- A - SN 7400 - 1447 3516
- B - SN 7402 - 2600 4911
- C - SN 7404 - 1447 3532
- D - SN 74H04 - 1479 7971
- E - SN 7410 - 1447 3540
- F - SN 7420 - 1447 3565
- G - SN 7427 - 2600 4929
- H - SN 7430 - 1447 3573
- J - SN 7474 - 1447 3607
- K - SN 7475 - 1269 6936
- L - SN 7485 - 1449 2052
- M - SN 74132 - 2600 6726
- N - SN 74157 - 1447 3797
- P - SN 74161 - 1447 3771
- R - SN 74175 - 1449 1278
- S - SN 74194 - 1948 5036

- 4) WHEN DC. CLOCKING LOGIC IS USED, REMOVE LINKS AT A-B, C-D, E-F & G-H
 5) SPARE GATES :-



- 6) SPARE 14 PIN CHIP POSITION AT F3F7 (PIN 1)
 7) GRID REFERENCES TO PIN 1 POSITIONS NOT ON .100 GRID ARE TAKEN AS FOLLOWS :-
 a) PIN 1 ON .025 GRID - TO NEAREST .100 GRID POINT
 b) " " .050 " " " " " " ABOVE

| | | | | | | |
|---------------------|---------------|------------|--------------------------|------------|------------|------------|
| 2797 3940 6 of 6 | ER 01313 A | APR 14, 78 | C.T. PROGRAMME 2797 3940 | | | |
| | | | SCHEMATIC, S.D.C. B.D.L. | | | |
| | | | S.M. | FEB 20, 78 | C.H. | FEB 20, 78 |
| | | | S.A. Manna | | APR 14, 78 | |
| | | 2-9520 | | A | 6 of 6 | |

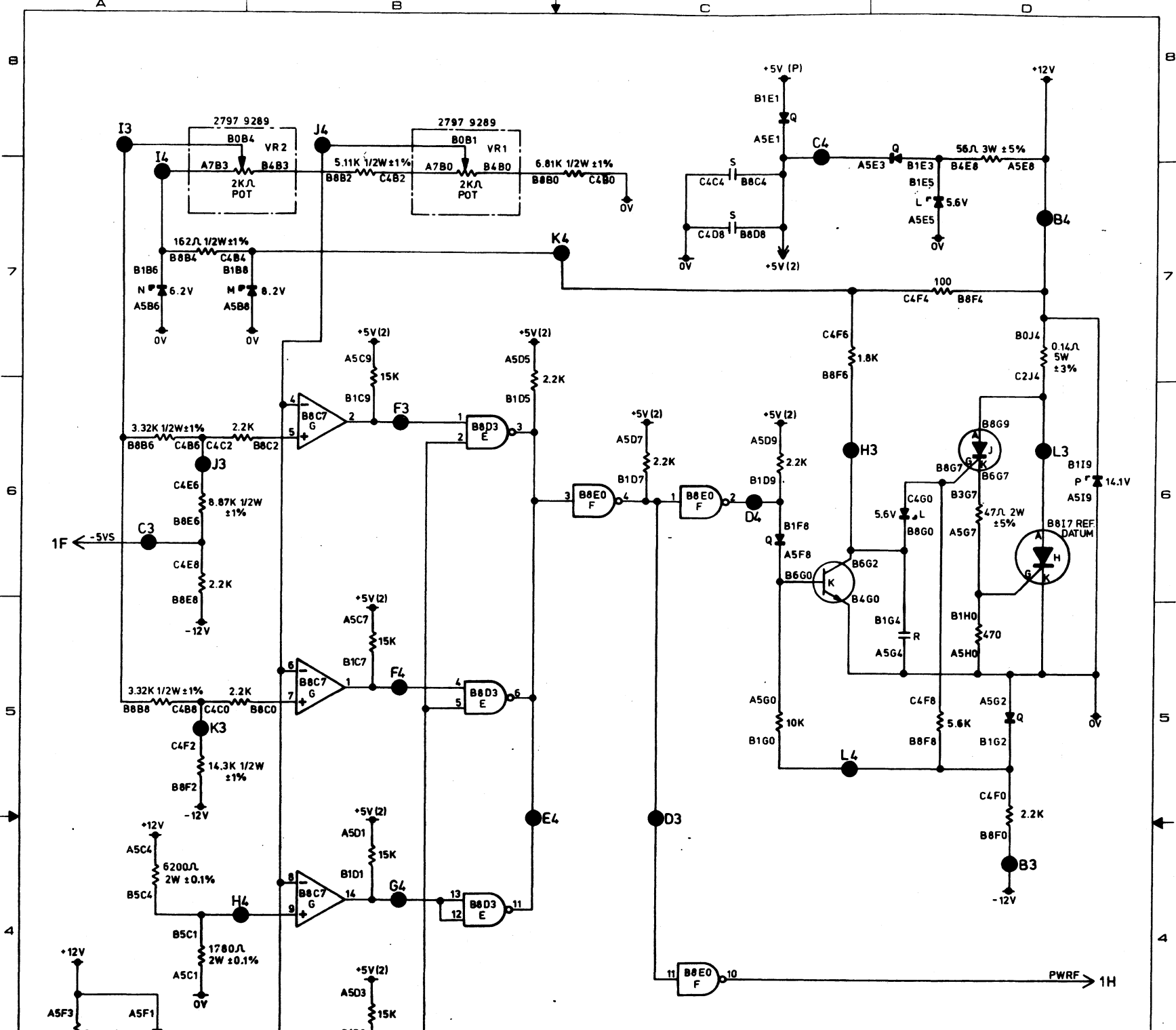


| | | | | | | | | | | | | | | | |
|---------------------------------|--|------------------------------|--|---------------------------------|--|---|--|---|--|---------------------------------|--|-------------------------------------|--|-----------------------|--|
| DRAWING No. 2797 6794 | | PART No. 2797 6794 | | RELEASED DEC 31, 77 ER 01489 | | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | DSGN CONTROL JOB 2797 6794 | | TITLE SCHEMATIC | | 5K x 10 ROM WITH 0/V PROTECTION. | | CT PROGRAMME | |
| DSGN ENGR JH / DRL | | DATE DEC 16, 77 | | DRAWN C.H. | | DATE DEC 16, 77 | | CHECKED DATE | | DRAWING No. 2797 6794 | | REV A | | PAGE 1 of 2 | |
| APPROVED DATE | | DATE 17-1-77 | | DSGN S/W A1 | | CLASS CODE 2-9520 | | REV A | | PAGE 1 of 2 | | | | | |

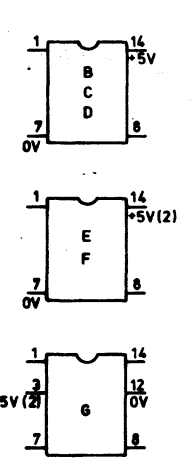
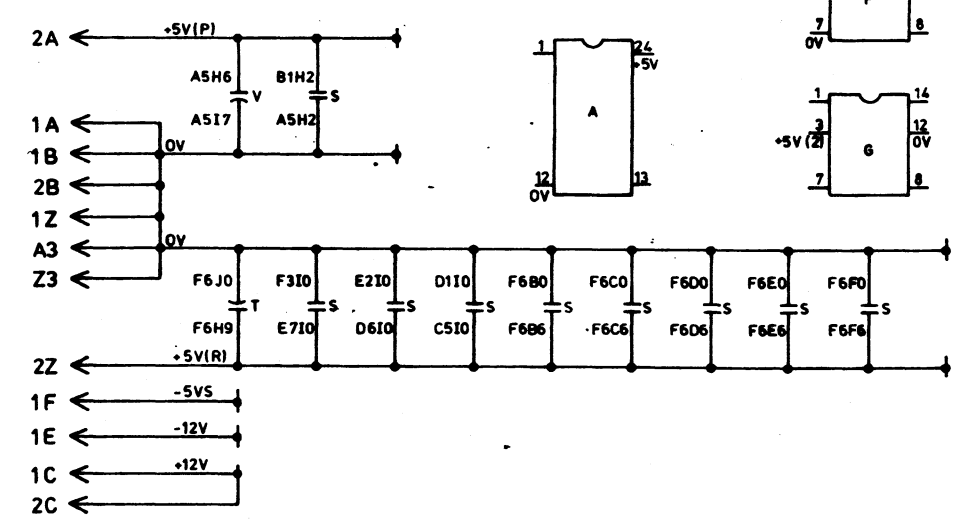
PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

INPUTS

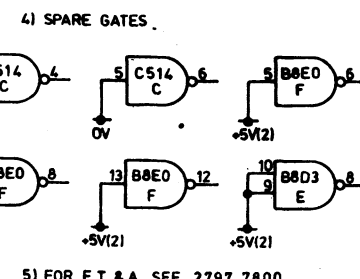
OUTPUTS



POWER DISTRIBUTION

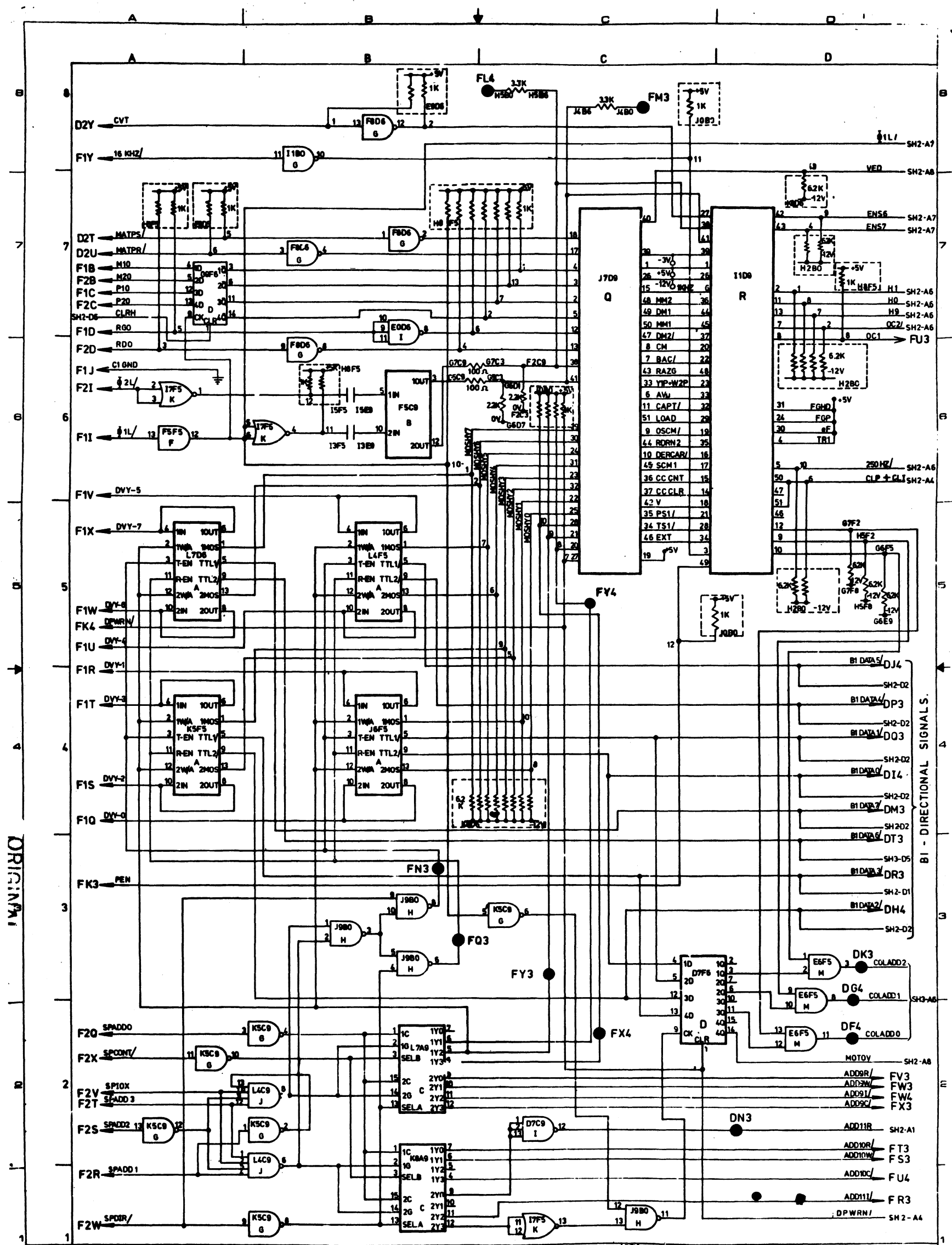


- NOTES :- 1) FOR ASSEMBLY SEE 2797 6737.
 2) UNLESS OTHERWISE SPECIFIED, RESISTOR VALUES ARE IN OHMS 1/2W ± 5%.
 3) CODES USED FOR COMPONENT IDENTIFICATION ARE AS FOLLOWS:-
- | | |
|-----------------------------|----------------------------|
| I.C.'s: | DIODES |
| A - SEE RELEVANT ASSY. DWG. | L - ZENER - 1319 0095 |
| B - SN 7400 - 1447 3516 | M - ZENER - 1471 5015 |
| C - SN 7404 - 1447 3532 | N - ZENER - 1479 7997 |
| D - SN 7438 - 1447 3581 | P - ZENER - 2797 7214 |
| E - SN 7403 - 2201 7552 | Q - SWITCHING-1471 4703 |
| F - SN 7405 - 2600 1685 | |
| G - LM 339 - 2118 8297 | |
| S.C.R.'s: | CAPACITORS |
| H - 2N3668 - 1848 4394 | R - 4700pF 50V - 2300 5655 |
| J - 2N877 - 2797 7206 | S - 0.1µF 50V - 2300 5820 |
| | T - 4.7µF 20V - 1267 9262 |
| | U - 100µF 10V - 1267 9353 |
| TRANSISTOR | V - 270µF 50V - 2204 7708 |
| K - 2N708 - 1471 4778 | |



5) FOR ET & A SEE 2797 7800.

| | | | | | |
|---|---|---|-------------------------------|---|---------------------------------|
| DRAWING No. 2797 6794 2 of 2 | RELEASED DEC. 31, 77 MADE IN GREAT BRITAIN ER 01489 | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN CONTROL 308 | TITLE SCHEMATIC, 5K x 10 ROM WITH O/V PROTECTION. | CT PROGRAMME |
| | DATE DEC. 16, 77 | | DRAWN C.H. | DATE DEC. 16, 77 | DRAWING No. 2797 6794 |
| | APPROVED [Signature] | | CHECKED [Signature] | DATE 19-1-78 | CLASS CODE 2-9520 |
| | ENG COMP [Signature] | | DATE [Blank] | DRG SIZE A1 | REV. A |



ORIGINAL

BI - DIRECTIONAL SIGNALS

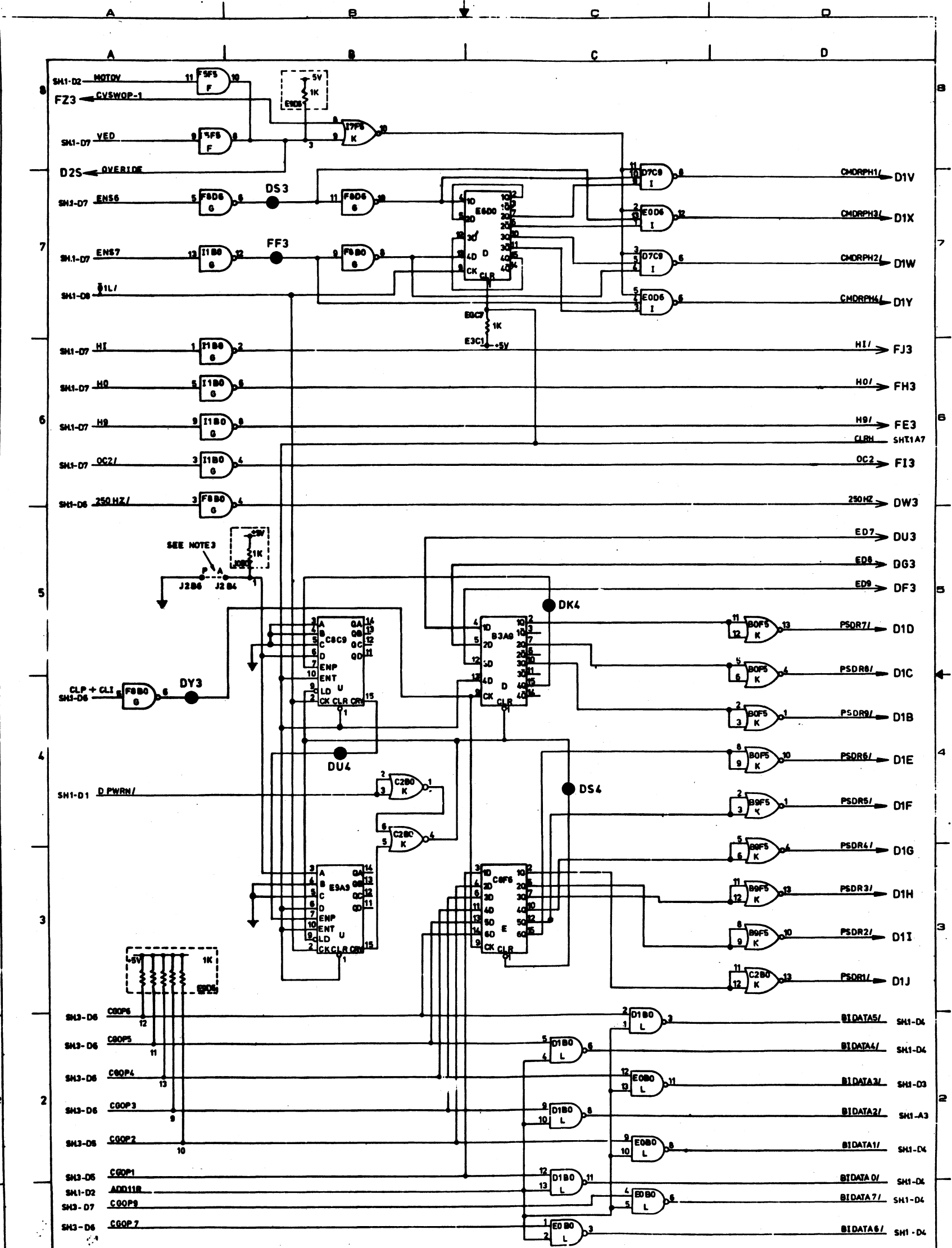
2797 6976



BURROUGHS BUSINESS SYSTEMS LTD
GLASGOW, SCOTLAND, U.K.

| | | | |
|--|---------------------|-----------------|---------------------|
| TITLE 180 CPS PCF-DEV. CONT. BOARD 1 SCHEMATIC. | | | |
| DESIGNER J.C.P. | DATE MAY. 21. 77 | DRAWN BY AGK | DATE NOV. 14. 77 |
| APPROVED | DATE | CHECKED | DATE |
| | | | |
| SP. COMP. | DATE | CLASS CODE | REV |
| | | 2-9520 | B |
| 2797 6976 | | 2797 6976 | |
| PAGE 1 of 4 | | | |

PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.



2797 6976
2-4

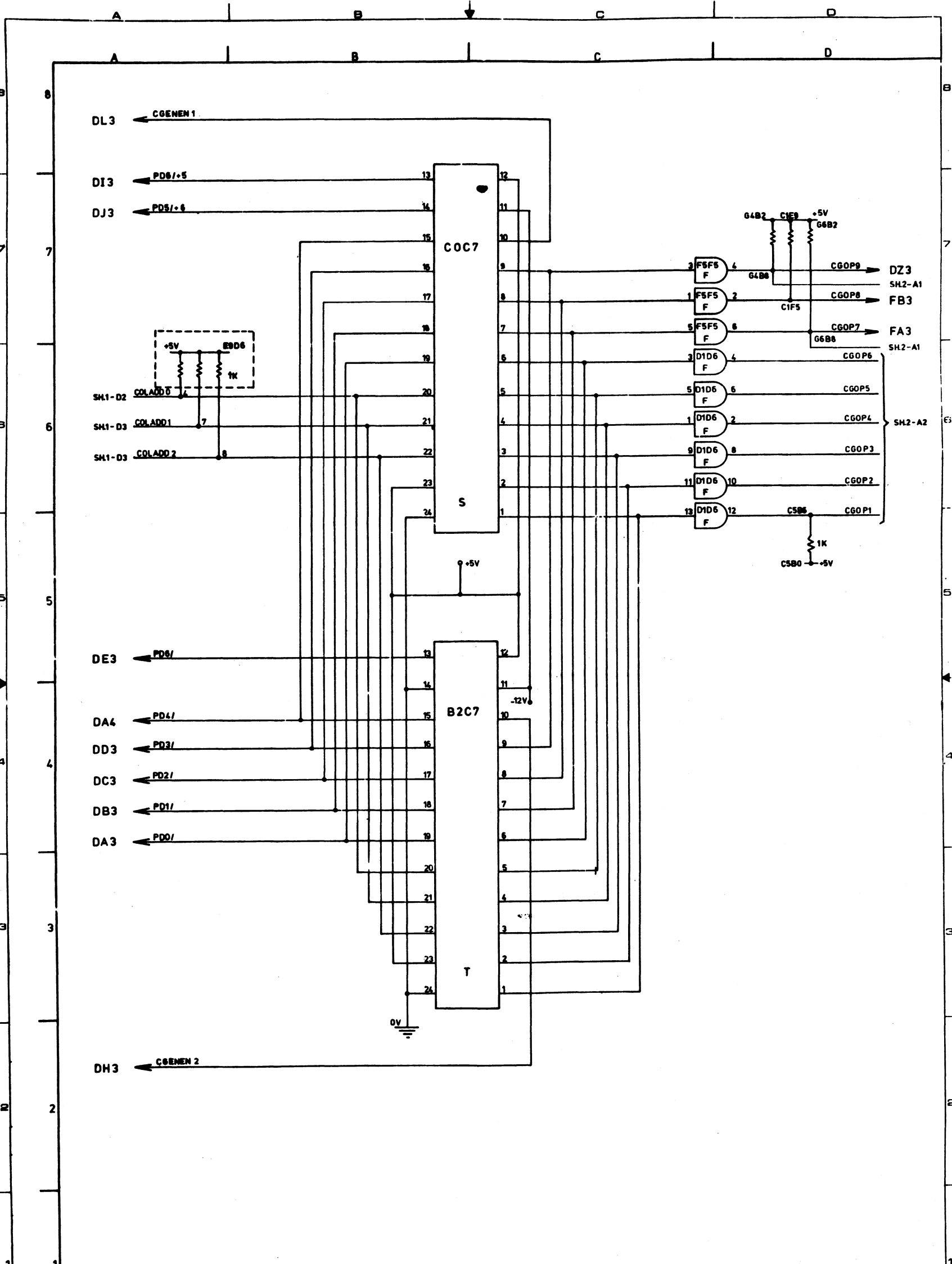
NOV 30 1977
EJN 01310
EJN 01324
1 DEC 27 1977



BURROUGHS
BURROUGHS MACHINE LIMITED
CANNONHILL, JOHNSBURGH, U.S.A.

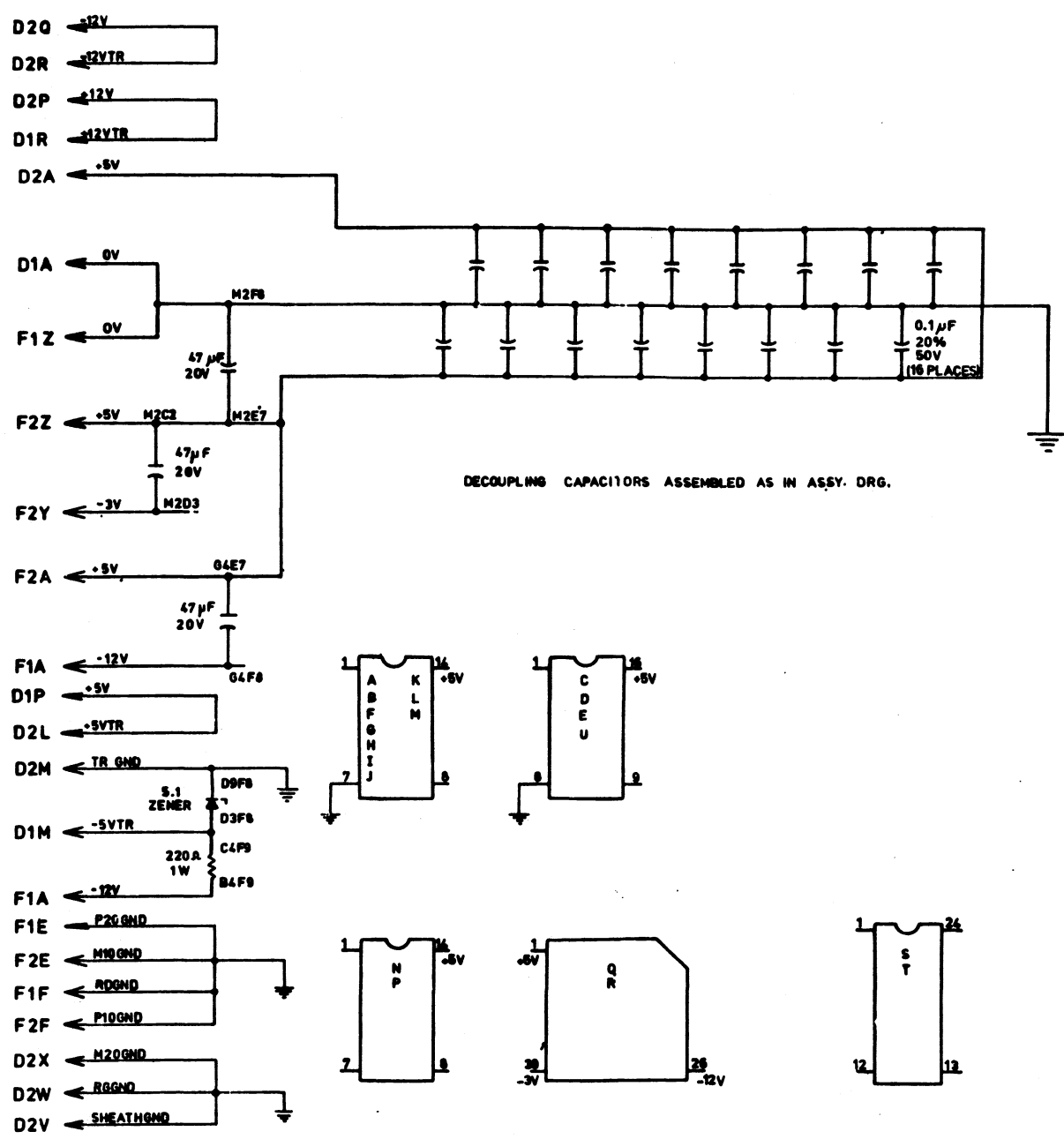
| 180 CPS PCF-DEV. CONT. BOARD 1 SCHEMATIC | | | |
|--|------------|-----------|------------|
| DESIGNER | DATE | DRAWN | DATE |
| JCF | NOV. 21.77 | AGK | NOV. 14.77 |
| APPROVED | DATE | CHECKED | DATE |
| | | KZ | NOV. 21.77 |
| THE COMP | DATE | ISS. DATE | CLASS CODE |
| | | | 2-9520 |

DRAWING NO. 2797 6976
REV. B PAGE 2 of 4



ORIGINAL

| | | | | | | | | | |
|---------------------|------------------------|----------------|---|---------------------|---|---------------------|-------------------|---------------------|--------------------------|
| 2797 6976 3 of 4 | ECN01350 1 DEL 27 8 | NOV 20 77 1 | Barroughs BARROUGHS PHONES LIMITED CUPERTINO, CALIF., U.S.A. | | 180 CPS. PCF DEV. CONT. BOARD 1- SCHEMATIC | | | | |
| | | | DESIGNED BY Z. G. F. | DATE NOV. 21. 77 | DRAWN BY AGK | DATE NOV. 14. 77 | CHECKED BY 9c4 | DATE NOV. 21. 77 | DRAWING NO. 2797 6976 |



NOTES:

2797 8843 (47ASCII AND KATAKANA)
 2797 8836 (96ASCII AND LAT. VAR.)
 1. FOR ASSEMBLY SEE:-2797 8827 (64ASCII AND LAT. VAR.)
 2. CODES USED FOR COMPONENT PART NOS. ARE AS FOLLOWS:-

| I.C.'s | RESISTORS | I.S.I's |
|---|---------------|---------------|
| A - 2571 0104 | N - 2571 1912 | Q - 2574 3196 |
| B - MH0026 - 1846 5229 | P - 2571 0252 | R - 2571 3512 |
| C - SN 74155 - 1447 3722 | | |
| D - " 74175 - 1448 1278 | | |
| E - " 74174 - 1448 1250 | | |
| F - " 7417 - 2800 1688 | | |
| G - " 7404 - 1447 3522 | | |
| H - " 7400 - 1447 3516 | | |
| I - " 7410 - 1447 3540 | | |
| J - " 7420 - 1447 3588 | | |
| K - " 74128 - 1288 6860 | | |
| L - " 7438 - 1447 3581 | | |
| M - " 7408 - 1447 3524 | | |
| S - 1847 5202 (64ASCII AND 96ASCII AND LAT. VAR.) | | |
| S - 1847 0013 (47ASCII AND KATAKANA) | | |
| T - 2571 0427 (96ASCII AND LAT. VAR.) | | |
| U - SN 74161 - 1447 3771 | | |

3. REMOVE LINK BETWEEN A AND P WHEN ANKER HEAD FITTED

2797 6976
 2797 6975



| | | | |
|--|------------|-----------|------------|
| 180 CPS PCF - DEV. CONT. BOARD 1 SCHEMATIC | | | |
| DES. NO. | DATE | DRAWN | CHECKED |
| J. C. P. | NOV. 11.77 | AGK | NOV.14.77 |
| APPROVED | DATE | CHECKED | DATE |
| | | 9C4 | NOV. 11.77 |
| DES. COMP. | DATE | ORG. SITE | CLASS CODE |
| | | | 2-9520 |
| DRAWING NO. | | | PAGE |
| 2797 6976 | | | 4 of 4 |

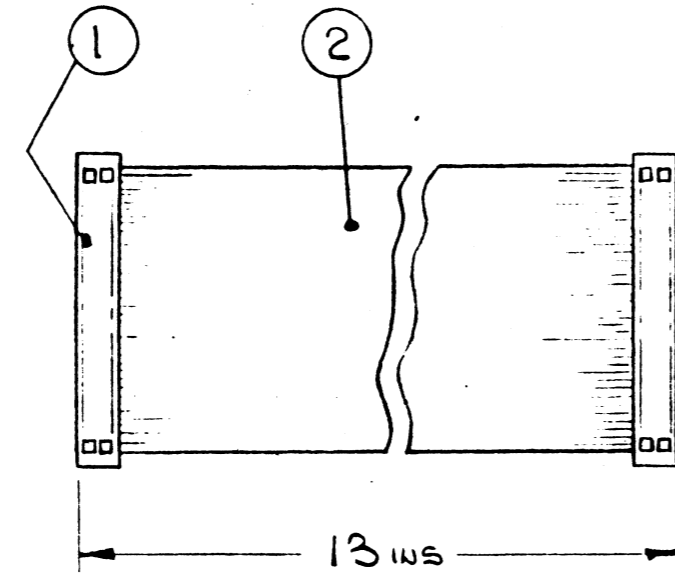
PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.

B-18794420

A
REV

| REVISIONS | | | | | |
|-----------|------------|-------|-----|------|---------|
| REV | NO | DRAWN | CHK | APPD | DATE |
| A | 6c 2909 | RBY | | | 9/11/74 |

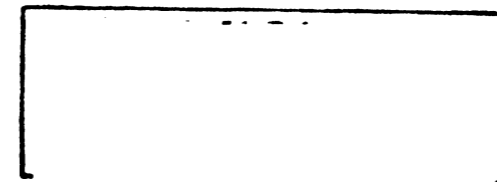
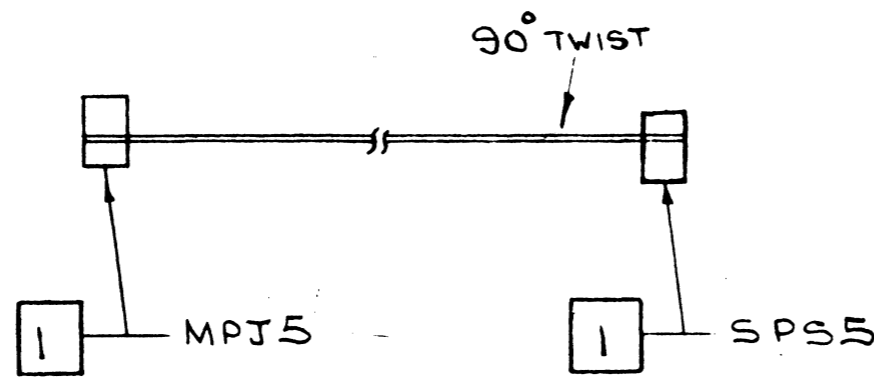
INITIAL RELEASE **IFG**



NOTES



PERM^T MARK 18794420 ON SURFACE
SHOWN USING .125 HIGH CHARACTERS
COLOUR BLACK



GEN QUAL SPECS 1183 5543 APPLY

TOLERANCES UNLESS OTHERWISE SPECIFIED

.XX ± XXX ±

MATERIAL

HEAT TREATMENT

SURFACE TREATMENT

ANGLES ± °

DRAWN
R B THOMSON

DATE
27-11-73

CHECKED
[Signature]

DATE
10 JUN 74

DSGN OR ENGR
[Signature]

DATE
10 JUN 74

APPROVED
Alex S. [Signature]

DATE
11 JUN 74

Burroughs **B**

BURROUGHS MACHINES LTD. GLENROTHES SCOTLAND UK

TITLE
CABLE ASSY

CLASS CODE
2-1531

SCALE

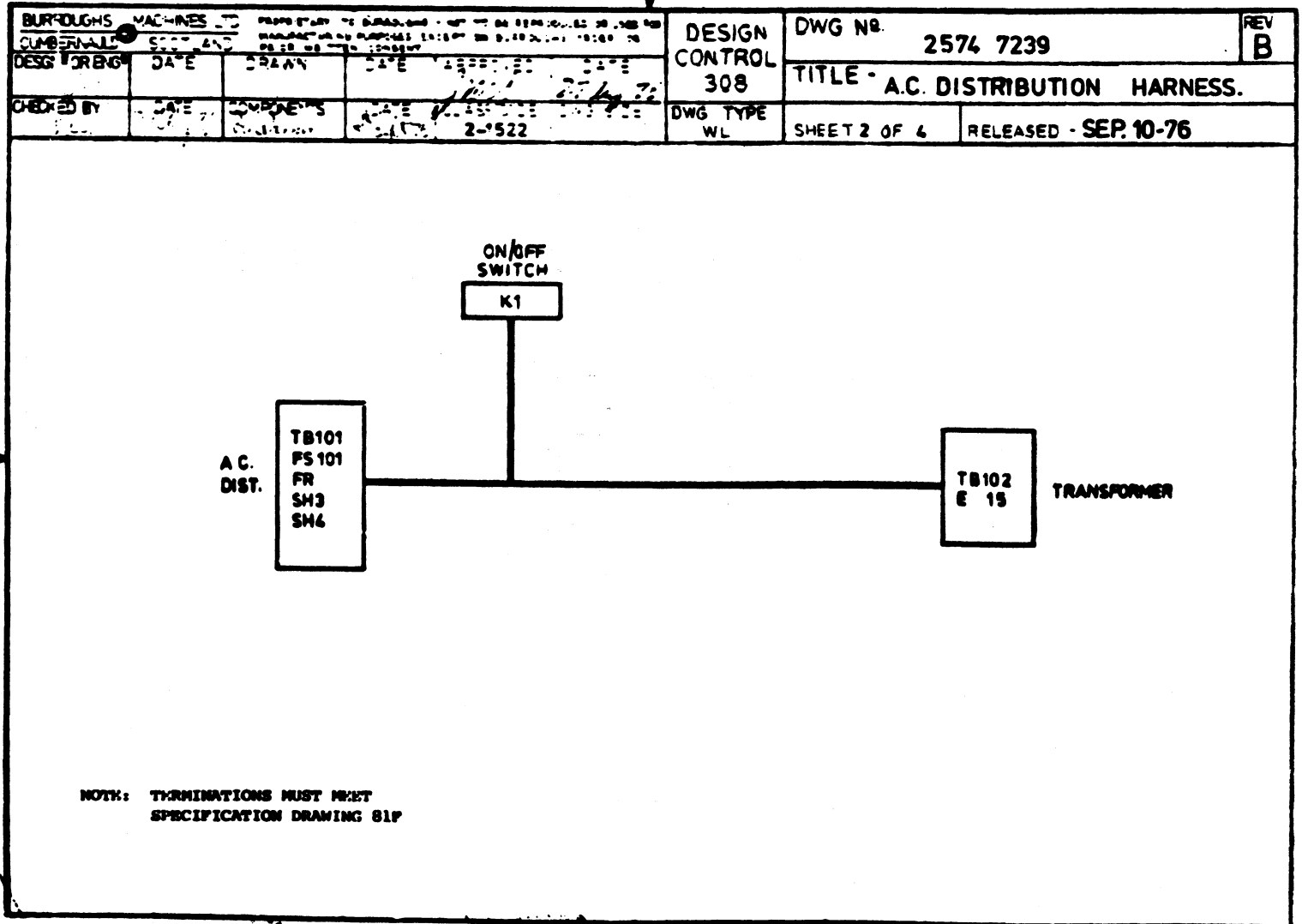
SHEET
1 OF 1

DWG NO
B-18794420

REV
A

PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR
MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

| | | | | | | | | |
|--|------|------------|------|---|----------|------------------------------------|-----------------------|-----------------------|
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | DESIGN CONTROL 308 | DWG No. 2574 7239 | REV B |
| DESIGN ORIGIN | DATE | DRAWN | DATE | APPROVED | DATE | TITLE - A.C. DISTRIBUTION HARNESS. | | |
| CHECKED BY | DATE | COMPONENTS | DATE | 2-1522 | DWG SIZE | DWG TYPE W.L. | SHEET 1 OF 4 | RELEASED - SEP. 10-76 |
| | | | | | | | ER 00149 | |
| | | | | | | | ECN 00697 | B |
| | | | | | | | AAB APR 15. 77 | |
| | | | | | | | SHEETS 2 & 4 ALTERED. | |



| | | | | | | | |
|-------------------|------|------|------|-----------|----------------------------|-----------|------------|
| BURDICHES VA-HNES | | | | | DESIGN CONTROL | DWG N° | REV. |
| DATE | | | | | 308 | 2574 7239 | B |
| DESIGNOR | DATE | DATE | DATE | DATE | TITLE | | |
| | | | | 27 Aug 76 | A.C. DISTRIBUTION HARNESS. | | |
| DESIGNED BY | DATE | DATE | DATE | DATE | DWG TYPE | SHEET | RELEASED |
| | | | | 2-1522 | WL | 3 OF 4 | SEP. 10-76 |

K1
ON/OFF SWITCH

| | | | | | | | |
|-------------------|------|------|------|-----------|---------------------------|-----------|------------|
| BURDICHES VA-HNES | | | | | DESIGN CONTROL | DWG N° | REV. |
| DATE | | | | | 308 | 2574 7239 | B |
| DESIGNED BY | DATE | DATE | DATE | DATE | TITLE | | |
| | | | | 21 Aug 76 | A.C. DISTRIBUTION HARNESS | | |
| CLASS CODE | DATE | DATE | DATE | DATE | DWG TYPE | SHEET | RELEASED |
| 2-1522 | | | | | WL | 4 OF 4 | SEP. 10-76 |

| SIGNAL NAME | FROM | | | TO | | | WIRE |
|---|---------------|-----------|-----------|---------------|-----------|------------------------|-----------|
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | |
| L-F | 2571 9246 REF | FR-4 | 1515 0527 | 2571 1185 REF | K1-A | 1471 9728 1527 0192 | 2206 8274 |
| N-F | " " " | FR-5 | " " | " " " | K1-F | 1471 9728 1527 0192 | " " |
| L-SW | 2571 1334 REF | TB101-B1X | 1527 0192 | " " " | K1-B | " " | " " |
| N-SW | " " " | TB101-B3X | " " | " " " | K1-E | " " | " " |
| N-SW | " " " | TB101-B3Y | " " | " " " | TB102 12 | " " | " " |
| L-SW | " " " | TB101-BOY | " " | " " " | TB102 11 | " " | " " |
| GND-PSU | - | SH 3 | 1321 9159 | " " " | E15 (PSU) | 1321 9159 | 1940 9697 |
| 115 L | - | PS101-1X | 1527 0192 | " " " | TB102-4Z | 1527 0192 | 2206 8274 |
| * CONNECTIONS SHOWN FOR 240V. 50 HZ. INTERNATIONAL. | | | | | | | |
| SEE SCHEMATIC 2795 1425 FOR OTHER VOLTAGES AND FREQUENCIES. | | | | | | | |

DC

| | | | | | | | | |
|---|------|---------------|------|--------------------|-----------|--------------------------|--|-----------------------|
| BURROUGHS MACHINES LTD GENERAL MANUFACTURING DIVISION GLASGOW | | | | | | DESIGN CONTROL 308 | DWG No. 2574 7247 | REV. C |
| DESIGNED BY | DATE | DRAWN | DATE | APPROVED | DATE | TITLE: D.C. DISTRIBUTION | | |
| | | | | <i>[Signature]</i> | 27 Aug 76 | | | |
| CLASSIFIED BY | DATE | CLASSIFIED BY | DATE | CLASS CODE | DWG SIZE | DWG. TYPE WL. | SHEET 1 OF 6 | RELEASED:- SEP. 10-76 |
| | | | | 2-1522 | | | | ER 00149 |
| | | | | | | | ECN 00560 | B |
| | | | | | | | C.B. FEB. 25.77 | |
| | | | | | | | SHTS 4,5,6 ALTERED | |
| | | | | | | | ECN 00664 | C |
| | | | | | | | A.R. MAR. 18.77 | |
| | | | | | | | SHTS. 4 & 5 ALTERED | |
| | | | | | | | <p>EI 61882</p> <p>★ PLYMOUTH ENGINEERING INSTRUCTION</p> <p>PROJECT 56702 TR GROUP 1093 DATE 5-31-77</p> <p>SHEETS 2,3,4,5 & 6 AFFECTED</p> | |

| | | | | | | | | |
|---|------|---------------|------|--------------------|-----------|--------------------------|-------------------|-----------------------|
| BURROUGHS MACHINES LTD GENERAL MANUFACTURING DIVISION GLASGOW | | | | | | DESIGN CONTROL 308 | DWG No. 2574 7247 | REV. C |
| DESIGNED BY | DATE | DRAWN | DATE | APPROVED | DATE | TITLE: D.C. DISTRIBUTION | | |
| | | | | <i>[Signature]</i> | 27 Aug 76 | | | |
| CLASSIFIED BY | DATE | CLASSIFIED BY | DATE | CLASS CODE | DWG SIZE | DWG. TYPE WL. | SHEET 2 OF 6 | RELEASED:- SEP. 10-76 |
| | | | | 2-1522 | | | | |

PLAN OF BD1-20 PROCESSOR

INTR. UNIT ON/OFF SWITCHES.

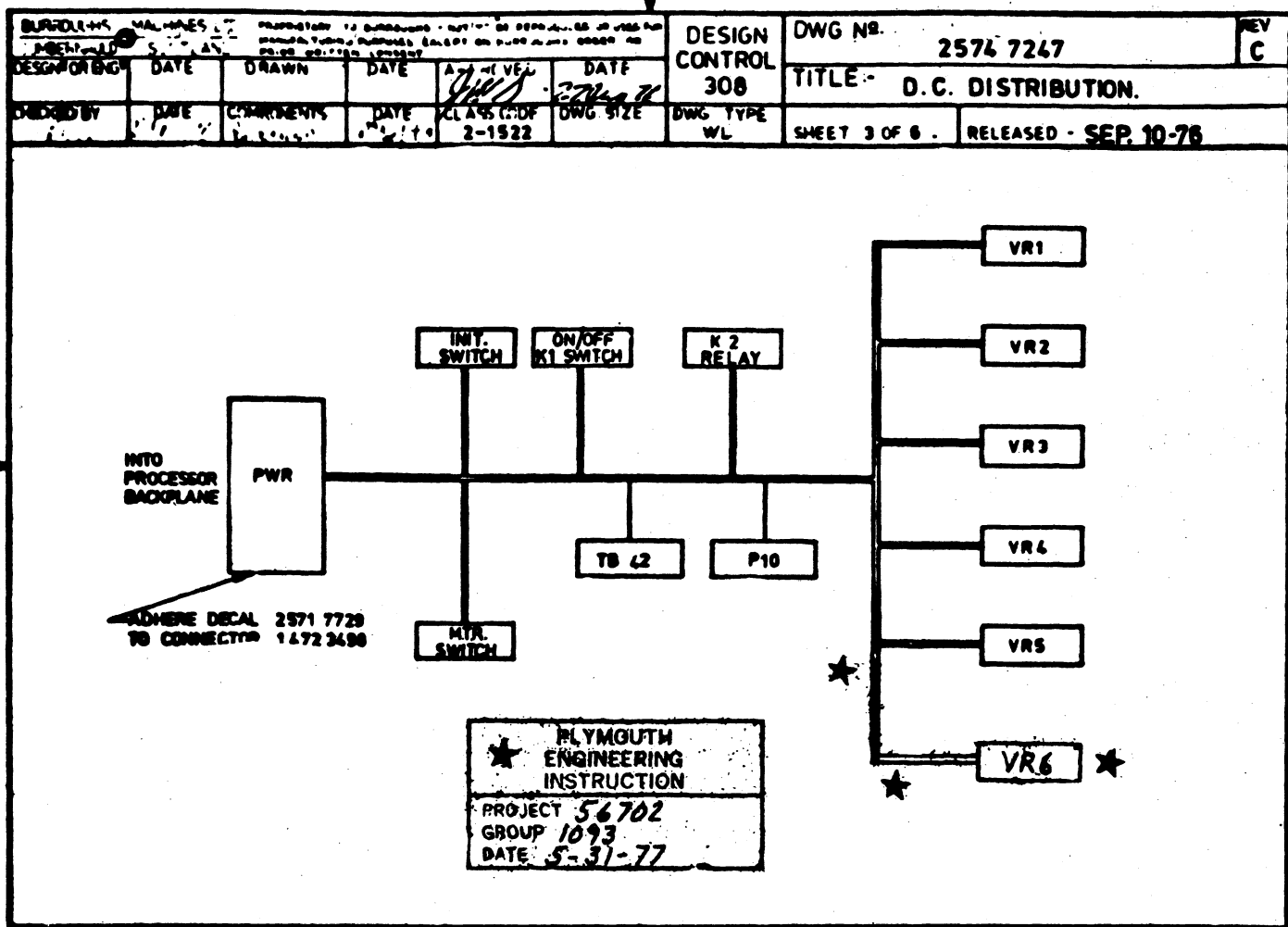
SIDE VIEW OF POWER SUPPLY

NOTE:- TERMINATIONS MUST MEET SPECIFICATION DRAWING 8

★ VR6 BEHIND VR3 & VR5

★ PLYMOUTH ENGINEERING INSTRUCTION

PROJECT 56702
GROUP 1093
DATE 5-31-77



| | | | | | | | | | | |
|---|------|-------|------|--------------------|------|--------------------------|--|---------------------|--|--------|
| BURROUGHS MACHINES LTD CLUMBERNAULD SCOTLAND | | | | DESIGN CONTROL 308 | | | | DWG NO. 2574 7247 | | REV. C |
| DESIGNED BY | DATE | DRAWN | DATE | APPROVED | DATE | TITLE: D.C. DISTRIBUTION | | SHEET 4 OF 6 | | |
| | | | | | | | | RELEASED: SEP 10-76 | | |

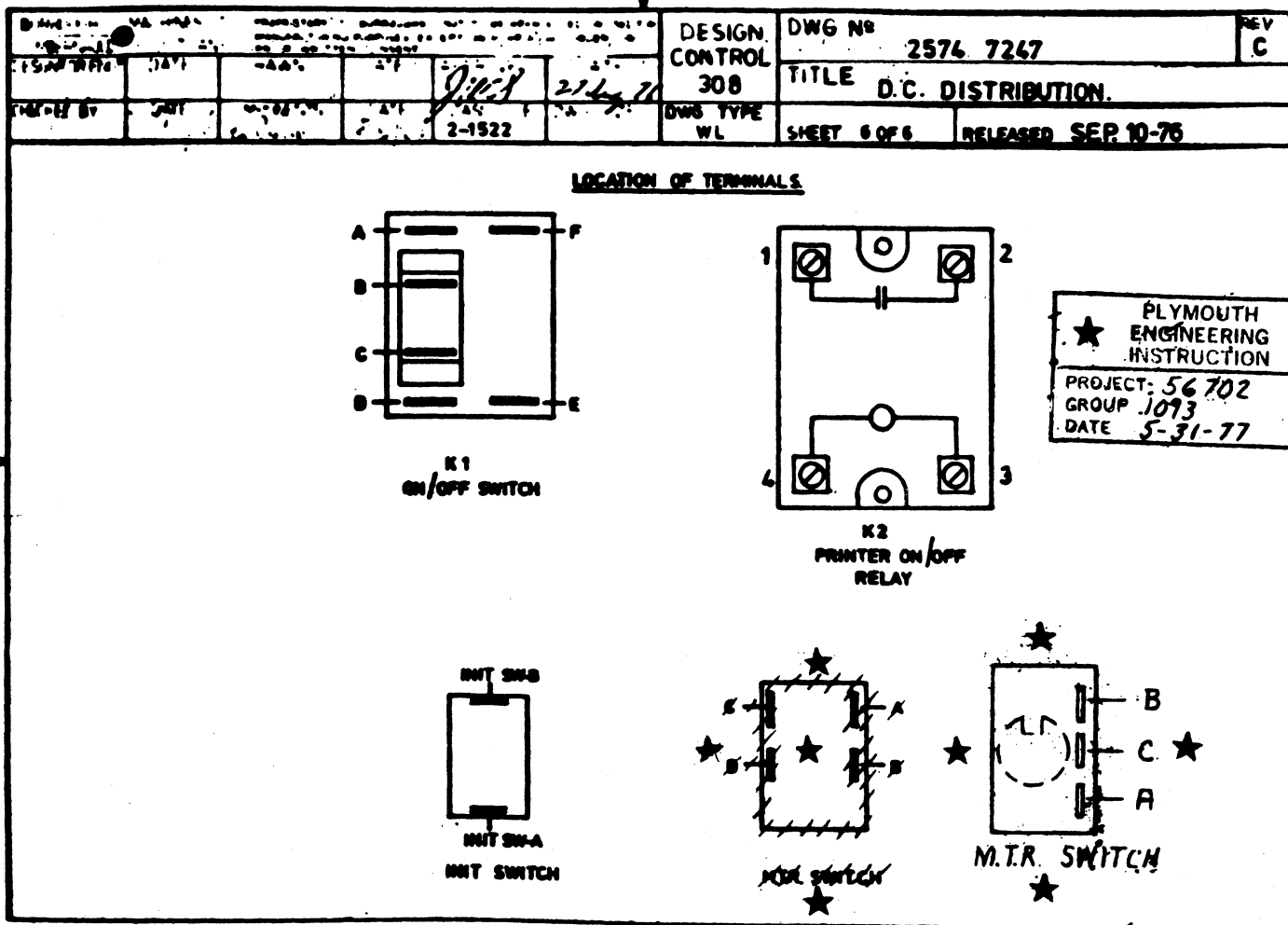
| SIGNAL NAME | FROM | | | TO | | | WIRE |
|-------------|----------------------------|--------------|-------------|-----------|--------|-----------|-----------|
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | |
| +5V-1 | 2795 1102 2795 0277 REF | VR4- TB3X | 1471 9884 | 1472 3498 | P85-21 | 1471 5635 | 1940 9598 |
| +5V-1 | " " REF | VR4- TB3Y | 1471 9884 | 1472 3498 | P85-27 | 1471 5635 | " " |
| +5V-1 | " " REF | VR4- TB4X | 1471 9884 | 1472 3498 | P85-31 | 1471 5635 | " " |
| +5V-1 | " " REF | VR4- TB4Y | 1471 9884 | 1472 3498 | P85-37 | 1471 5635 | " " |
| +5V-1 | " " REF | VR4- TB5X | 1471 9884 | 1472 3498 | P85-41 | 1471 5635 | " " |
| +5V-2 | " " REF | VR5- TB3X | 1471 9884 | 1472 3498 | P85-24 | 1471 5635 | " " |
| +5V-2 | " " REF | VR5- TB3Y | 1471 9884 | 1472 3498 | P85-30 | 1471 5635 | " " |
| +5V-2 | " " REF | VR5- TB4X | 1471 9884 | 1472 3498 | P85-34 | 1471 5635 | " " |
| +5V-2 | " " REF | VR5- TB4Y | 1471 9884 | 1472 3498 | P85-40 | 1471 5635 | " " |
| +5V-2 | " " REF | VR5- TB5X | 1471 9884 | 1472 3498 | P85-44 | 1471 5635 | " " |
| +12V ★ | 2795 1898 REF | VR1- TB2X | 1471 9884 | 1472 3498 | P85-8 | 1471 5635 | 1940 9598 |
| +12V | " " REF | VR1- TB2Y | 1471 9884 | 1472 3498 | P85-7 | 1471 5635 | " " |
| +12V | " " REF | VR1- TB3X | 1471 9884 | 1472 3498 | P85-6 | 1471 5635 | " " |
| -12V ★ | 2795 1897 REF | VR3- TB3X | 1471 9884 ★ | 1472 3498 | P85-1 | 1471 5635 | " " |
| -12V | " " REF | VR3- TB3Y | 1471 9884 ★ | 1472 3498 | P85-2 | 1471 5635 | " " |

| | |
|---|--|
| PLYMOUTH ENGINEERING INSTRUCTION PROJECT 56702 GROUP 1093 DATE 5-31-77 | |
|---|--|



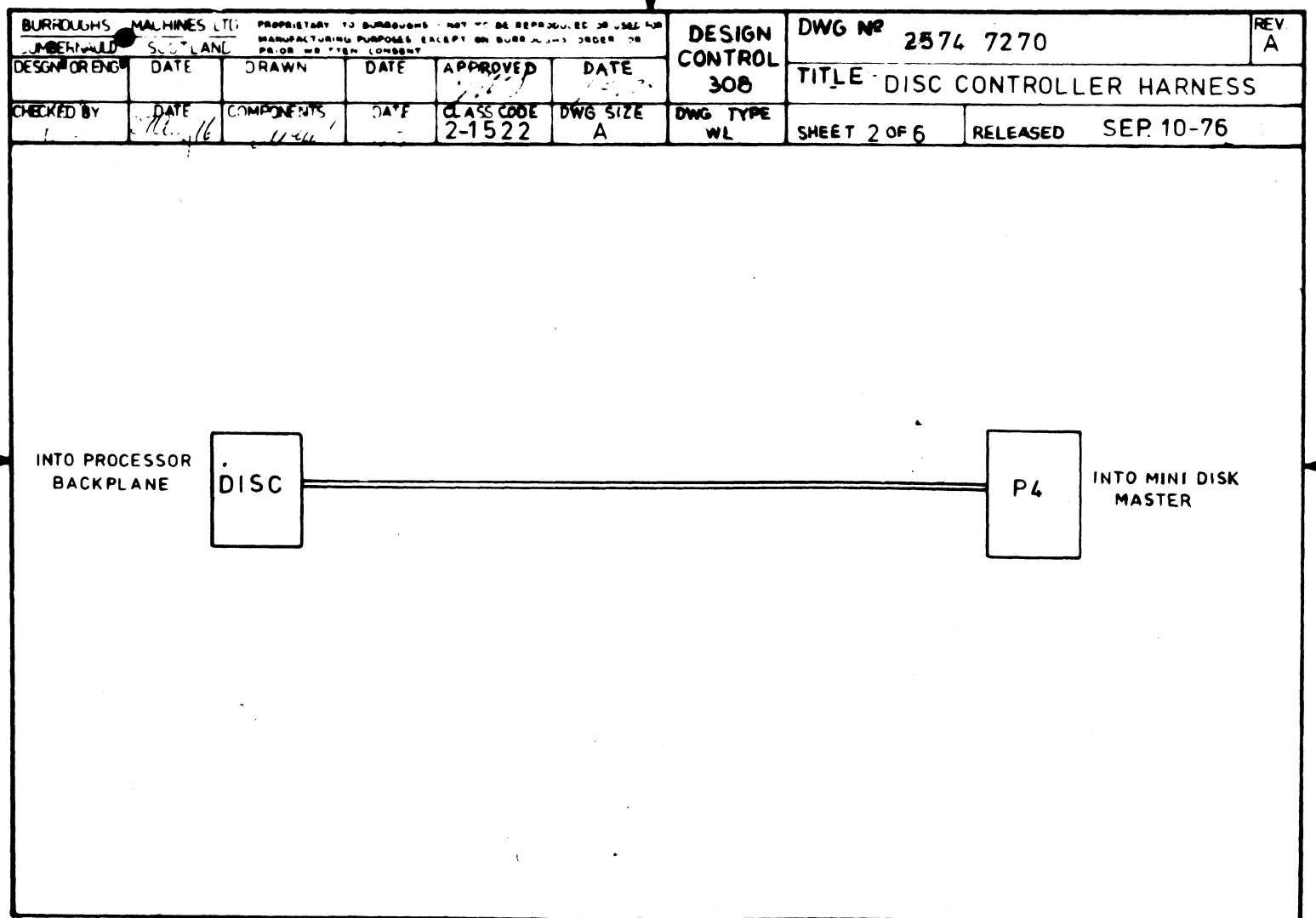
| BURROUGHS MACHINES LTD CUMBERNALL SCOTLAND | | | | DESIGN CONTROL 308 | | | | DWG NR. 2574 7247 | | REV. C |
|---|----------------------------|--------------------|------------------|-----------------------|------------------|------------------------------|--------------|----------------------|-----------------------|-----------|
| DESIGN OR ENG | DATE | DRAWN | DATE | APPROVED | DATE | TITLE:- D.C. DISTRIBUTION | | | | |
| | | | | <i>[Signature]</i> | <i>27 Aug 76</i> | | | | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE | DWG. SIZE | DWG. TYPE W.L. | SHEET 5 OF 6 | | RELEASED:- SEP. 10-76 | |
| <i>[Signature]</i> | <i>27 Aug 76</i> | <i>[Signature]</i> | <i>27 Aug 76</i> | | | | | | | |
| SIGNAL NAME | CONNECTOR | FROM | TERMINAL | CONNECTOR | TO | TERMINAL | WIRE | | | |
| -3V ★ | 2795 1094 2795 0344 REF | VR3-TP4Y | 1471 9884 | 1472 3498 | P85-11 | 1471 5635 | 1940 9598 | | | |
| MTRSEL | 2472 6523 REF | MTR SM-A | 1473 2911 | 1472 3498 | P85-5 | 1472 0726 | 1944 3191 | | | |
| MTRSELB | 2472 6523 REF | MTR SM-B | 1473 2911 | 1472 3498 | P85-10 | 1472 0726 | " " | | | |
| PWRM ★ | 2795 1078 2795 0344 REF | VR1-J2-6 | 1471 9892 | 1472 3498 | P85-4 | 1472 0726 ★ | " " | | | |
| ★ | 2795 1078 2795 0344 REF | KX-K | 1472 0726 ★ | 2795 0344 REF | TB42-AOY | 1471 9892 ★ | " " | | | |
| K1-B ★ | 2795 1078 2795 0344 REF | VR1-J2-8 | 1532 2040 ★ | 2571 1185 REF | K1-C | 1471 9892 | " " | | | |
| K1-A | " REF | VR1-J2-7 | 1532 2040 ★ | 2571 1185 REF | K1-D | 1471 9892 | " " | | | |
| INIT. SW. A | " REF | VR1-J2-5 | 1532 2040 ★ | 1472 5071 REF | INT. SW. A | 1472 3688 | " " | | | |
| INIT. SW. B | " REF | VR1-J2-9 | 1532 2040 ★ | 1472 5071 REF | INT. SW. B | 1472 3688 | " " | | | |
| +5V2 ★ | 2795 1102 2795 0344 REF | VR5-TB5Y | 1471 9892 | 2797 0797 REF | K2-3 | 1535 2032 | " " | | | |
| PWRLP ★ | 2795 1078 2795 0344 REF | VR1-J2-3 | 1532 2040 ★ | 1479 8829 REF | TB42-AOY | 1471 9892 | " " | | | |
| +5V | 1103 8486 1266 8463 | P10-8 | 1472 0726 ★ | 2795 0377 REF | VR6-TB5Y | | 1940 9192 | | | |
| +12V | " | -5 | " | 2795 0344 REF | VR1-TB4Y | | " " | | | |
| -12V | " | -4 | " | 2795 0344 REF | VR3-TB5Y | ★ | " " | | | |
| +24V | " | -6 | " | 1479 8829 REF. | TB42-A4Y | | " " | | | |
| 0V ★ | " | ★ 12 | ★ | | | | ★ | | | |
| 0V | " | -7 | " | | B7-6Y | 1471 9892 ★ | " " | | | |
| 0V ★ | " | ★ 13 | ★ | | | | ★ | | | |

PLYMOUTH
ENGINEERING
INSTRUCTION
PROJECT 56702
GROUP 1093
DATE 5-31-77



DS

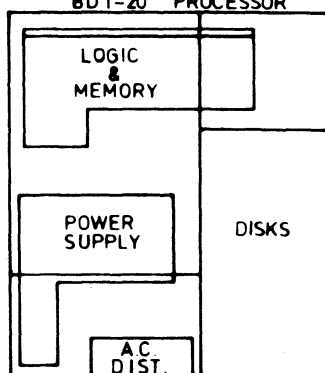
| | | | | | | | | |
|---|----------|------------|------|--------------------|----------|---------------------------------|--------------|---------------------|
| BURROUGHS MACHINES LTD. PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | DESIGN CONTROL 308 | | DWG NO. 2574 7270 | | REV. A |
| DESIGN OR ENG | DATE | DRAWN | DATE | APPROVED | DATE | TITLE - DISC CONTROLLER HARNESS | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE | DWG SIZE | DWG TYPE | SHEET 1 OF 6 | RELEASED SEP. 10-76 |
| | 27-11-76 | | | 2-1522 | A | WL | | ER 00149 |



BS

| | | | | | | | | |
|---|------|---|------|------------|----------|---------------------------------|-------------------|-----------------------|
| BURROUGHS MACHINES LTD DUMFRIES SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | DESIGN CONTROL 308 | DWG No. 2574 7270 | REV. A |
| DESIGN OR ENG | DATE | DRAWN | DATE | APPROVED | DATE | TITLE - DISK CONTROLLER HARNESS | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE | DWG SIZE | DWG TYPE WL | SHEET 3 OF 6 | RELEASED - SEP. 10-76 |

PLAN OF
BD1-20 PROCESSOR



NOTE:- TERMINATIONS MUST MEET
SPECIFICATION DRAWING 81F.

WIRE MUST BE U.I.L. & C.S.A.
LABELLED.

| | | | | | | | | |
|---|------|---|------|------------|----------|----------------------------------|-------------------|-----------------------|
| BURROUGHS MACHINES LTD DUMFRIES SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | DESIGN CONTROL 308 | DWG No. 2574 7270 | REV. A |
| DESIGN OR ENG | DATE | DRAWN | DATE | APPROVED | DATE | TITLE - DISC CONTROLLER HARNESS. | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE | DWG SIZE | DWG TYPE WL | SHEET 4 OF 6 | RELEASED - SEP. 10-76 |

| SIGNAL NAME | FROM | | | TO | | | WIRE |
|-------------|-----------|---------|-----------|----------------------------|-------|-----------|-----------------|
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | |
| HEADSEL/ | 1472 3498 | DISC-14 | 1472 0726 | 1101 633/ AND 1266 8605 | P4-11 | 1878 2227 | Or 3000 0970 |
| " GND | " " | 19 | " " | " " | 12 | " " | Wht. " |
| DSEBK/ | " " | 15 | " " | " " | 43 | " " | Or " |
| " GND | " " | 20 | " " | " " | 26 | " " | Wht. " |
| RDEN/ | " " | 21 | " " | " " | 45 | " " | Or " |
| " GND | " " | 26 | " " | " " | 28 | " " | Wht. " |
| WRITTEN/ | " " | 22 | " " | " " | 46 | " " | Or " |
| " GND | " " | 27 | " " | " " | 29 | " " | Wht. " |
| WRDATA/ | " " | 23 | " " | " " | 44 | " " | Or " |
| " GND | " " | 28 | " " | " " | 27 | " " | Wht. " |
| OPERAT/ | " " | 42 | " " | " " | 40 | " " | Or " |
| " GND | " " | 47 | " " | " " | 23 | " " | Wht. " |
| ONCYL/ | " " | 33 | " " | " " | 39 | " " | Or " |
| " GND | " " | 38 | " " | " " | 22 | " " | Wht. " |
| READAT/ | " " | 35 | " " | " " | 4 | " " | Or " |
| " GND | " " | 40 | " " | " " | 5 | " " | Wht. " |
| DATCLK/ | " " | 43 | " " | " " | 2 | " " | Or " |
| " GND | " " | 48 | " " | " " | 3 | " " | Wht. " |

DS

| BURROUGHS MACHINES LTD JUNBERNALD SCOTLAND | | | | | | DESIGN CONTROL 308 | | DWG NO. 2574 7270 | | REV. A |
|---|-----------|------------|-----------|-----------------------|----------|-----------------------------------|--------------|----------------------|--|-----------|
| DESIGN OR ENG | DATE | DRAWN | DATE | APPROVED | DATE | TITLE DISC CONTROLLER HARNESS. | | | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE | DWG SIZE | DWG TYPE | SHEET 5 OF 6 | RELEASED - SEP.10-76 | | |
| SIGNAL NAME | FROM | | | TO | | | WIRE | | | |
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | | | | |
| UNIT SEL | 1472 3498 | DISC-24 | 1472 0726 | 1101 6334 & 1266 8505 | P4-47 | 1878 2227 | Or 3000 0970 | | | |
| " GND | " " | -29 | " " | " " | 30 | " " | Wht. " | | | |
| ADD01/ | " " | 1 | " " | " " | 15 | " " | Or " | | | |
| " GND | " " | 6 | " " | " " | 31 | " " | Wht. " | | | |
| ADD02/ | " " | 2 | " " | " " | 17 | " " | Or " | | | |
| " GND | " " | 7 | " " | " " | 16 | " " | Wht. " | | | |
| ADD04/ | " " | 3 | " " | " " | 50 | " " | Or " | | | |
| " GND | " " | 8 | " " | " " | 33 | " " | Wht. " | | | |
| ADD08/ | " " | 4 | " " | " " | 49 | " " | Or " | | | |
| " GND | " " | 9 | " " | " " | 48 | " " | Wht. " | | | |
| ADD16/ | " " | 5 | " " | " " | 13 | " " | Or " | | | |
| " GND | " " | 10 | " " | " " | 14 | " " | Wht. " | | | |
| ADD32/ | " " | 11 | " " | " " | 6 | " " | Or " | | | |
| " GND | " " | 16 | " " | " " | 25 | " " | Wht. " | | | |
| ADD64/ | " " | 12 | " " | " " | 7 | " " | Or " | | | |
| " GND | " " | 17 | " " | " " | 8 | " " | Wht. " | | | |

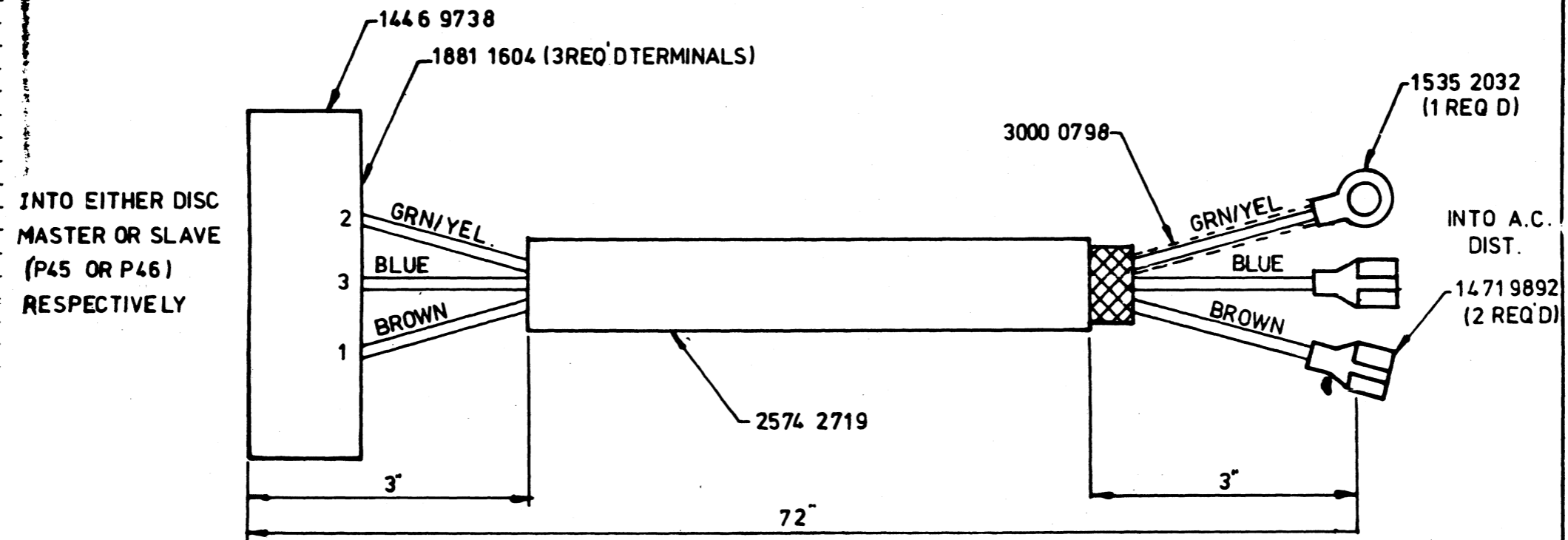
| BURROUGHS MACHINES LTD JUNBERNALD SCOTLAND | | | | | | DESIGN CONTROL 308 | | DWG NO. 2574 7270 | | REV. A |
|---|-----------|------------|-----------|-----------------------|----------|-----------------------------------|--------------|----------------------|--|-----------|
| DESIGN OR ENG | DATE | DRAWN | DATE | APPROVED | DATE | TITLE DISC CONTROLLER HARNESS. | | | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE | DWG SIZE | DWG TYPE | SHEET 6 OF 6 | RELEASED - SEP.10-76 | | |
| SIGNAL NAME | FROM | | | TO | | | WIRE | | | |
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | | | | |
| IP1NO/ | 1472 3498 | DISC-32 | 1472 0726 | 1101 6334 & 1266 8505 | P4-38 | 1878 2227 | Or 3000 0970 | | | |
| " GND | " " | 37 | " " | " " | 20 | " " | Wht. " | | | |
| IPSEC/ | " " | 31 | " " | " " | 35 | " " | Or " | | | |
| " GND | " " | 36 | " " | " " | 19 | " " | Wht. " | | | |
| LL ADD/ | " " | 41 | " " | " " | 37 | " " | Or " | | | |
| " GND | " " | 46 | " " | " " | 21 | " " | Wht. " | | | |
| SKINC/ | " " | 34 | " " | " " | 41 | " " | Or " | | | |
| " GND | " " | 39 | " " | " " | 24 | " " | Wht. " | | | |
| HRDATA/ | " " | 25 | " " | " " | 34 | " " | Or " | | | |
| " GND | " " | 30 | " " | " " | 18 | " " | Wht. " | | | |
| ADD128/ | " " | 13 | " " | " " | 9 | " " | Or " | | | |
| " GND | " " | 18 | " " | " " | 10 | " " | Wht. " | | | |
| ADD256/ | " " | 44 | " " | " " | 1 | " " | Or " | | | |
| " GND | " " | 49 | " " | " " | 38 | " " | Wht. " | | | |

DS

INCHES MILLIMETRES

ORIGINAL

DWG. No. 2574 7288 REV. B
 RELEASED SEPT. 10.77
 E R 00149
 ECN 00917 B
 C.B. JULY.177
 REDESIGNED



CONNECTIONS AT A.C. DISTRIBUTION

| | GRN/YEL SCREEN | BLUE | BROWN |
|--------|-------------------|------------|-----------|
| MASTER | SH 6 | TB 101-A8Y | FS 102-2Y |
| SLAVE | SH 6 | TB 101-A8X | FS 102-2X |

| | | | | | | |
|--|----------------------------------|------------------------------------|------|------------------------------|---|--------------------|
| TOLERANCES, UNLESS OTHERWISE SPECIFIED | | GEN. QUAL SPECS 1183 5543 APPLY | | DESIGN CONTROL 308 | CLASSIFICATION CODE 21522 | LAYOUT No. |
| INCHES .XX ± .XXX ± ANGLES ± | m.m. X.X ± X.XX ± ANGLES ± | DATE C.B. AUG 27 76 | DATE | | Burroughs | |
| MATERIAL | CHECKED | DATE | DATE | TECHNICAL SERVICES | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | |
| HEAT TREATMENT | APPROVED | DATE | DATE | MATERIAL & HEAT TREATMENT | TITLE MINI DISC A.C. HARNESS | |
| SURFACE TREATMENT | APPROVED | DATE | DATE | MATERIAL & SURFACE TREATMENT | SCALE A3 | DWG. No. 2574 7288 |
| PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS' ORDER OR PRIOR WRITTEN CONSENT. | | | | APPROVED | DATE | REV. B |

Rev A is A3

A

| | | | | | | | | |
|--|------|--|-----------------|------------------------|-------------------|-----------------------|--|----------------------|
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL 308 | DWG No. 2574 7338 | REV. D |
| DESIGN OR ENG | DATE | DRAWN | DATE | APPROVED <i>JMS</i> | DATE 27 Aug 76 | TITLE:- FAN HARNESS. | | |
| CHECKED BY | DATE | COMPONENTS <i>DLK</i> | DATE 8/25/76 | CLASS CODE 2-1522 | DWG. SIZE | DWG. TYPE W.L. | SHEET 1 OF 4 | RELEASED:- SEP 10-76 |
| | | | | | | | ER 00149 | |
| | | | | | | | ECN 00439 | B |
| | | | | | | | C.B. DEC. 10 76 SHEET 4 ALTERED | |
| | | | | | | | ECN 00698 | C |
| | | | | | | | A.A.B. APR. 15. 77 SHEET 4 ALTERED. | |
| | | | | | | | ECN 01266 | D |
| | | | | | | | P.B. OCT. 14 - 77 SHEET 3 & 4 ALTERED | |
| | | | | | | | | |

| | | | | | | | | |
|--|------|--|-----------------|------------------------|-------------------|-----------------------|--|-----------------------|
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL 308 | DWG No. 2574 7338 | REV. D |
| DESIGN OR ENG | DATE | DRAWN | DATE | APPROVED <i>JMS</i> | DATE 27 Aug 76 | TITLE:- FAN HARNESS. | | |
| CHECKED BY | DATE | COMPONENTS <i>DLK</i> | DATE 8/25/76 | CLASS CODE 2-1522 | DWG. SIZE | DWG. TYPE W.L. | SHEET 2 OF 4 | RELEASED:- SEP. 10-76 |
| | | | | | | | NOTE:- TERMINATIONS MUST MEET SPECIFICATION DRAWING 81F. | |
| PLAN OF BD1-20 PROCESSOR | | | | | | | | |
| | | | | | | | | |

| | | | | | | |
|--|---|--|--------|-----------------|-----------------------|-----------|
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | SHEET 1 of 4 | DWG. NO. 2795 1482 | REV. B |
| TITLE HARNES, MISC | | | | | | |
| DRAWN | DATE | DESIGN OR ENGR | DATE | DESIGN CONTROL | DWG. TYPE | DWG. SIZE |
| | | WIRA | 6-1-76 | 308 | | A |
| CHECKED | DATE | APPROVED | DATE | CLASS CODE | RELEASE DATE | |
| J. HILL | | | | 2-1522 | SEPT-3-76 | |
| REV | ER00145 | | | | | |
| A | ER 01326 C.MAC LEOD OCT. 28. 77. SHT. 4 ALTERED | | | | | |
| DWG. NO. | 2795 1482 | | | | | |

| | | | |
|---|--------|-----------------------------|-----------|
| FORM PLY 116-R | | J&M PRODUCTS 1M 12-75 61615 | |
| Burroughs Corporation | | PLYMOUTH PLANT | |
| PLYMOUTH, MICHIGAN | | DWG. NO. 2795 1482 | |
| PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | SHEET 2 of 4 | |
| REV. B | | TITLE HARNES, MISC | |
| DESN OR ENGR | DATE | CHECKED | DATE |
| WIRA | 6-1-76 | J. Hill | 6-16-76 |
| LABORATORY | DATE | COMPONENTS | DATE |
| | | | |
| | | CLASS CODE | REV. DATE |
| | | 2-1522 | |
| | | RELEASED | SEP-3-76 |

REV. NO. 2795 1482

NOTES:

- FOR SCHEMATIC SEE 2795 1425
- TERMINATIONS MUST MEET SPEC DWG 81F
- REF DESIGNATIONS AND REF PART NUMBERS MAY NOT BE VALID FOR ALL SYSTEMS

UNLESS OTHERWISE SPECIFIED:

WIRE COLOR IS WHITE
WIRE CODE 20-20 AWG, 10/30 STRANDING
1940 9192 WHITE
WIRE CODE 14-14 AWG, 41/30 STRANDING
2206 8381 WHITE

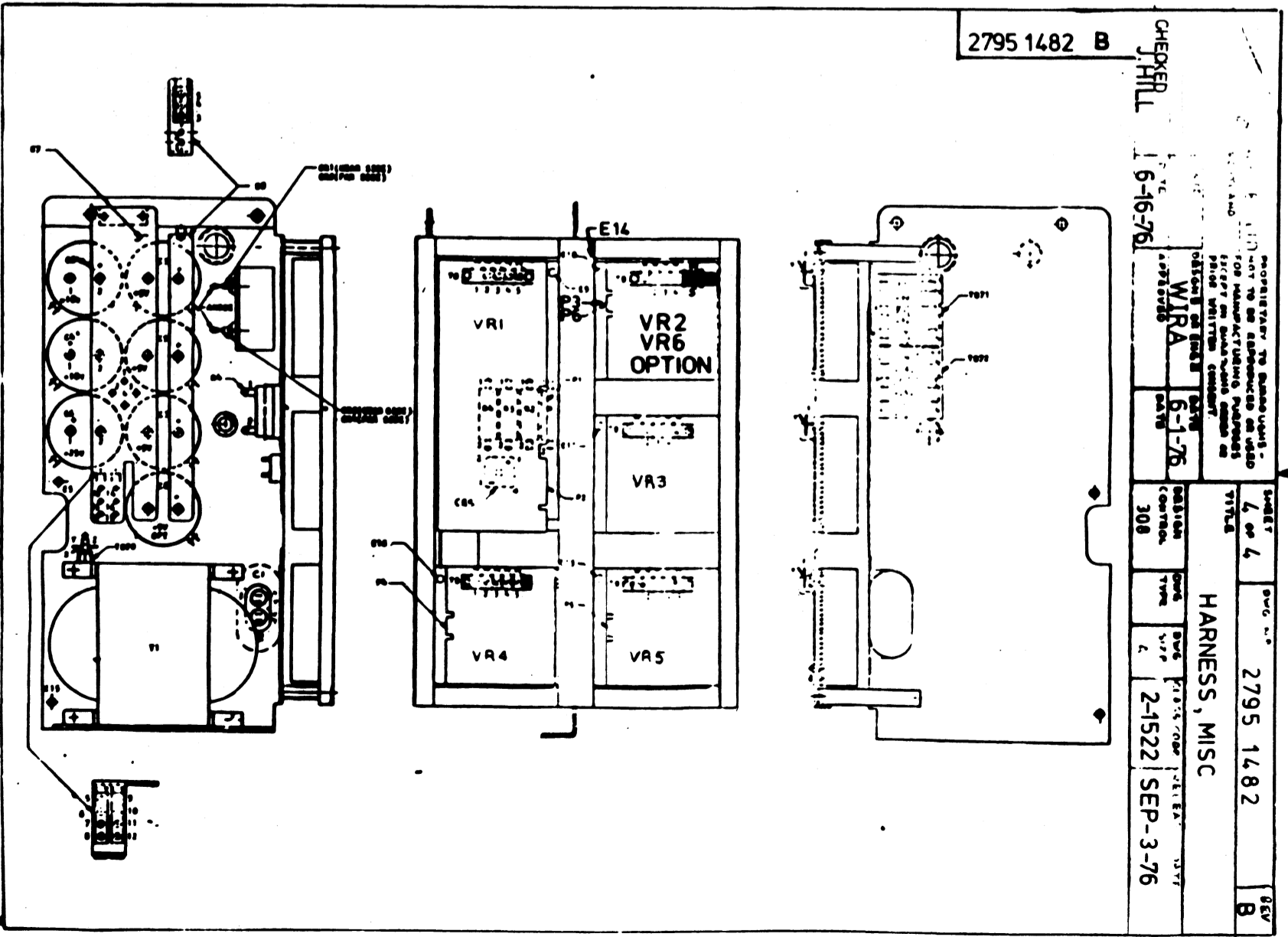
*** INDEX ***

| REF DES | DESCRIPTION | PART NUMBER(S) | REV NO. |
|--|----------------|----------------|---------|
| NOTE: "REF" INDICATES PARTS ARE NOT PART OF HARNES | | | |
| CR5 | RECTIFIER ASSY | 2571 0658, REF | |
| E7 | BUS BAR | 2795 0955, REF | |
| R1 | RESISTOR | 1266 6731, REF | |
| R2 | RESISTOR | 1266 6814, REF | |
| R3 | RESISTOR | 1266 6814, REF | |
| R4 | RESISTOR | 1266 6814, REF | |
| TB71 | FUSE BLOCK | 1472 5196, REF | |
| TB72 | FUSE BLOCK | 1472 5196, REF | |
| | TERMINATOR | SOLDER | 5 REQD |
| | TERMINATOR | 1471 9892 | 4 REQD |
| | TERMINATOR | 1472 1070 | 4 REQD |
| | TERMINATOR | 1535 2032 | 1 REQD |

DO NOT SCALE
GEN QUAL SPECS APPLY

| WIRE NO. | WIRE CODE | WIRE COLOR | WIRE LG | MARK WIRE | SLEEVING | TERMI-NATOR | FROM | TO | TERMI-NATOR | SLEEVING | MARK WIRE | REV NO. |
|----------|-----------|------------|---------|-----------|----------|-------------|----------|-------|-------------|----------|-----------|---------|
| 1 | 20 | | | | - | 1471 9892 | TB71-B1Y | R1-1 | SOLDER | - | | |
| 2 | 14 | | | | - | 1472 1070 | TB72-A1X | CR5-3 | 1472 1070 | - | | |
| 3 | 20 | | | | - | 1471 9892 | TB72-A1Y | R3-1 | SOLDER | - | | |
| 4 | 20 | | | | - | 1471 9892 | TB72-B1Y | R4-1 | SOLDER | - | | |
| 5 | 14 | | | | - | 1472 1070 | TB72-C1X | CR5-1 | 1472 1070 | - | | |
| 6 | 20 | | | | - | 1471 9892 | TB72-C1Y | R2-1 | SOLDER | - | | |
| 7 | 20 | | | | - | SOLDER | R1-2 | E7-1 | 1535 2032 | - | | |

DWG NO. 2795 1482
 REV. A
 CHECKED J HILL
 DATE 6-16-76
 DESIGN CONTROL 308
 Dwg. TYPE A
 Dwg. SIZE A
 CLASS CODE 2-1522
 RELEASE DATE SEP-3-76
 SHEET 3 of 4
 Dwg. No. 2795 1482
 TITLE HARNNESS, MISC
 REV 8



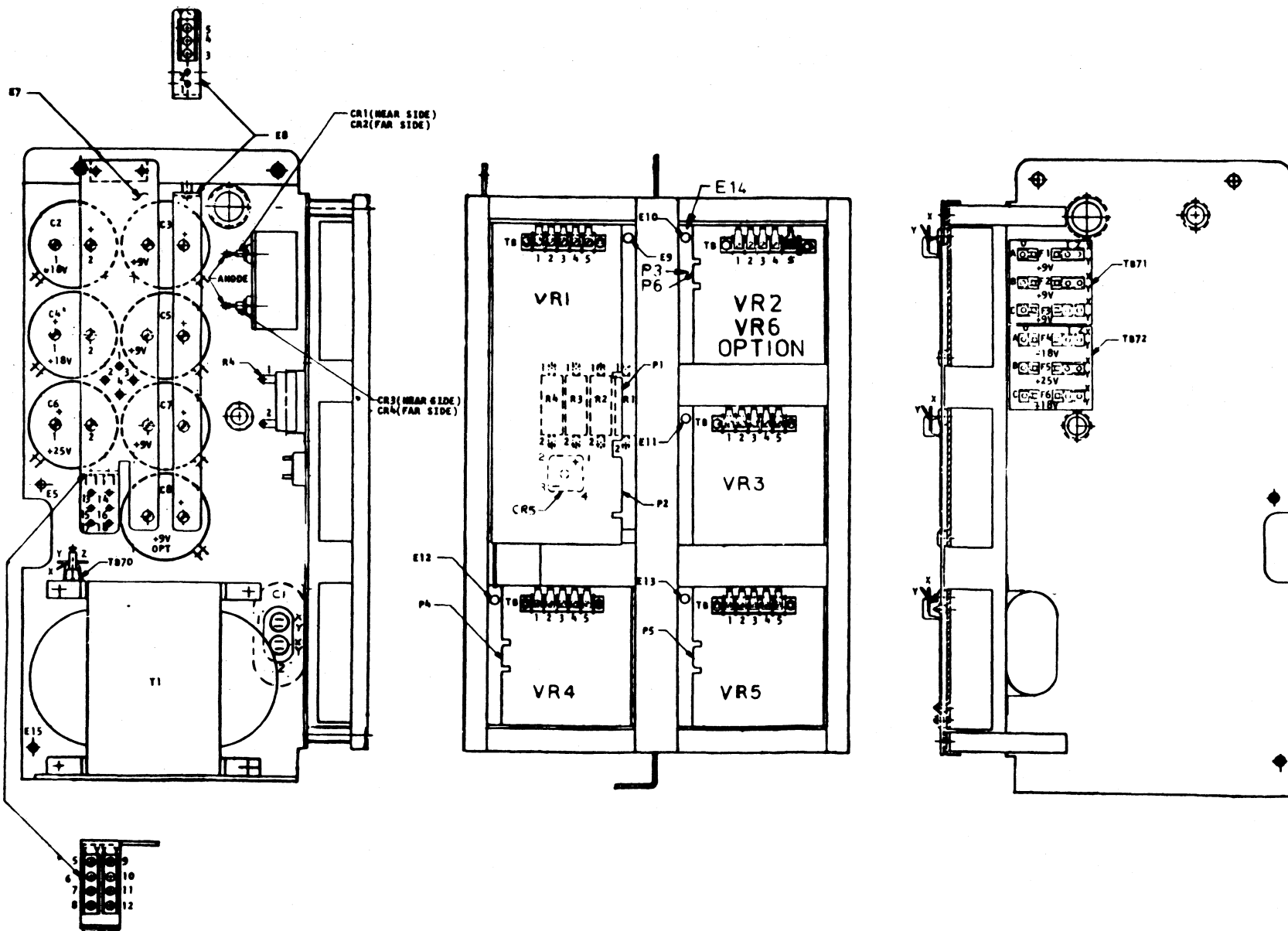
| Burrage Corporation | | PLYMOUTH PLANT | | PLYMOUTH, MICHIGAN | | DWG. NO. 2795 1508 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|--------------------|-----------------|----------------------------|-----------------|--|-------------|----------------|-----------|---|--|--|--|----|-----------|----------------|--|----|-----------|----------------|--|----|-----------|----------------|--|----|---------|----------------|--|------|------------|----------------|--|------|------------|----------------|--|--|------------|-----------|--------|--|------------|-----------|--------|--|------------|-----------|---------|----------|--|
| PROPRIETARY TO BURRAGE CORP. — NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURRAGE ORDER OR PRIOR WRITTEN CONSENT. | | | | | | SHEET 1 OF 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DSGN OR ENGR WIRA | DATE 6-1-76 | CHECKED J. Hill | DATE 6-16-76 | APPROVED <i>J. Hill</i> | DATE 6-22-76 | TITLE HARNESS, FILTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LABORATORY | DATE | COMPONENTS | DATE | CLASS CODE | REV. DATE | RELEASED OCT-8-76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DWG. NO. 2795 1508 NOTES: 1. FOR SCHEMATIC SEE 2795 1425 2. TERMINATIONS MUST MEET SPEC DWG 81F 3. REF DESIGNATIONS AND REF PART NUMBERS MAY NOT BE VALID FOR ALL SYSTEMS UNLESS OTHERWISE SPECIFIED: WIRE COLOR IS WHITE WIRE CODE 14-14 AWG, 41/30 STRANDING 2206 8381 WHITE WIRE CODE 10-10 AWG, 105/30 STRANDING 2206 8167 WHITE <div style="text-align: center;">*** INDEX ***</div> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">REF DES</th> <th style="text-align: left;">DESCRIPTION</th> <th style="text-align: left;">PART NUMBER(S)</th> <th style="text-align: right;">REV NO. B</th> </tr> </thead> <tbody> <tr> <td colspan="4">NOTE: "REF" INDICATES PARTS ARE NOT PART OF HARNESS</td> </tr> <tr> <td>C2</td> <td>CAPACITOR</td> <td>2571 0666, REF</td> <td></td> </tr> <tr> <td>C4</td> <td>CAPACITOR</td> <td>2571 0666, REF</td> <td></td> </tr> <tr> <td>C6</td> <td>CAPACITOR</td> <td>1471 4646, REF</td> <td></td> </tr> <tr> <td>E8</td> <td>BUS BAR</td> <td>2795 0963, REF</td> <td></td> </tr> <tr> <td>TB71</td> <td>FUSE BLOCK</td> <td>1472 5196, REF</td> <td></td> </tr> <tr> <td>TB72</td> <td>FUSE BLOCK</td> <td>1472 5196, REF</td> <td></td> </tr> <tr> <td></td> <td>TERMINATOR</td> <td>1472 1070</td> <td style="text-align: right;">3 REQD</td> </tr> <tr> <td></td> <td>TERMINATOR</td> <td>1515 0527</td> <td style="text-align: right;">3 REQD</td> </tr> <tr> <td></td> <td>TERMINATOR</td> <td>1527 0192</td> <td style="text-align: right;">12 REQD</td> </tr> </tbody> </table> | | | | | | REF DES | DESCRIPTION | PART NUMBER(S) | REV NO. B | NOTE: "REF" INDICATES PARTS ARE NOT PART OF HARNESS | | | | C2 | CAPACITOR | 2571 0666, REF | | C4 | CAPACITOR | 2571 0666, REF | | C6 | CAPACITOR | 1471 4646, REF | | E8 | BUS BAR | 2795 0963, REF | | TB71 | FUSE BLOCK | 1472 5196, REF | | TB72 | FUSE BLOCK | 1472 5196, REF | | | TERMINATOR | 1472 1070 | 3 REQD | | TERMINATOR | 1515 0527 | 3 REQD | | TERMINATOR | 1527 0192 | 12 REQD | ER 00186 | |
| | | | | | | REF DES | DESCRIPTION | PART NUMBER(S) | REV NO. B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | NOTE: "REF" INDICATES PARTS ARE NOT PART OF HARNESS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C2 | CAPACITOR | 2571 0666, REF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C4 | CAPACITOR | 2571 0666, REF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C6 | CAPACITOR | 1471 4646, REF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E8 | BUS BAR | 2795 0963, REF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TB71 | FUSE BLOCK | 1472 5196, REF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TB72 | FUSE BLOCK | 1472 5196, REF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TERMINATOR | 1472 1070 | 3 REQD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TERMINATOR | 1515 0527 | 3 REQD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TERMINATOR | 1527 0192 | 12 REQD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | ER 01326 B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | C.M.L. OCT. 28. 77 SHT. 3 ALTERED K.K. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DO NOT SCALE
GEN QUAL SPECS APPLY

| WIRE NO. | WIRE CODE | WIRE COLOR | WIRE LG | MARK WIRE | SLEEVING | TERMI-NATOR | FROM | TO | TERMI-NATOR | SLEEVING | MARK WIRE | REV NO. |
|----------|-----------|------------|---------|-----------|----------|-------------|----------|-------|-------------|----------|-----------|---------|
| 1 | 10 | | | | - | 1527 0192 | TB71-A2X | E8-5X | 1527 0192 | - | | |
| 2 | 10 | | | | - | 1527 0192 | TB71-A2Y | E8-5Y | 1527 0192 | - | | |
| 3 | 10 | | | | - | 1527 0192 | TB71-B2X | E8-4X | 1527 0192 | - | | |
| 4 | 10 | | | | - | 1527 0192 | TB71-B2Y | E8-4Y | 1527 0192 | - | | |
| 5 | 10 | | | | - | 1527 0192 | TB71-C2X | E8-3X | 1527 0192 | - | | |
| 6 | 10 | | | | - | 1527 0192 | TB71-C2Y | E8-3Y | 1527 0192 | - | | |
| 7 | 14 | | | | - | 1472 1070 | TB72-A2X | C2-1 | 1515 0527 | - | | |
| 8 | 14 | | | | - | 1472 1070 | TB72-B2X | C6-1 | 1515 0527 | - | | |
| 9 | 14 | | | | - | 1472 1070 | TB72-C2X | C4-1 | 1515 0527 | - | | |

HARNESS, FILTER
BURROUGHS CORP.-PLYMOUTH PLANT-

RELEASE DATE OCT-8-76 PART NO. 2795 1508
REV B SHEET 2 of 3



HARNESS, FILTER
BURROUGHS CORP.-PLYMOUTH PLANT

RELEASE DATE OCT-8-76
REV B

PART NO. 2795 1508
SHEET 3 OF 3

| | | | | | | |
|--|--------|----------------|---------|--------------------|-----------|--------------------|
| Burrage Corporation | | PLYMOUTH PLANT | | PLYMOUTH, MICHIGAN | | DWG. NO. 2795 1540 |
| <small>PROPRIETARY TO BURRAGE CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURRAGE ORDER OR PRIOR WRITTEN CONSENT.</small> | | | | | | |
| DSGN OR ENGR | DATE | CHECKED | DATE | APPROVED | DATE | TITLE |
| WIRA | 6-1-76 | J. Hill | 6-16-76 | [Signature] | 6-22-76 | HARNES, REGULATOR |
| LABORATORY | DATE | COMPONENTS | DATE | CLASS CODE | REV. DATE | RELEASED |
| | | | | | | OCT-8-76 |

ER 00186
 ECN 00799 [B]
 P.B. MAY 6-77
 SHEET 2 ALTERED

- NOTES:
- FOR SCHEMATIC SEE 2795 1425
 - TERMINATIONS MUST MEET SPEC DWG 81F
 - REF DESIGNATIONS AND REF PART NUMBERS MAY NOT BE VALID FOR ALL SYSTEMS

UNLESS OTHERWISE SPECIFIED:

- WIRE COLOR IS WHITE
- WIRE CODE 24-24 AWG, 7/32 STRANDING
1944 3191 WHITE
- WIRE CODE 20-20 AWG, 10/30 STRANDING
1940 9192 WHITE
- WIRE CODE 16-16 AWG, 26/30 STRANDING
2206 8498 WHITE
- WIRE CODE 14-14 AWG, 41/30 STRANDING
2206 8381 WHITE

*** INDEX ***

| REF DES | DESCRIPTION | PART NUMBER(S) | REV NO. |
|--|-------------|----------------|---------|
| NOTE: "REF" INDICATES PARTS ARE NOT PART OF HARNES | | | |
| E7 | BUS BAR | 2795 0955, REF | |
| E9 | HEAT SINK | 1256 0843, REF | |
| E11 | HEAT SINK | 1256 0843, REF | |
| E12 | HEAT SINK | 1256 0843, REF | |
| E13 | HEAT SINK | 1256 0843, REF | |
| E14 | HEAT SINK | 1256 0843, REF | |

DO NOT SCALE
 GEN QUAL SPECS APPLY

DWG. NO. 2795 1540

| | | | | | | |
|--|--------|----------------|---------|--------------------|-----------|--------------------|
| Burrage Corporation | | PLYMOUTH PLANT | | PLYMOUTH, MICHIGAN | | DWG. NO. 2795 1540 |
| <small>PROPRIETARY TO BURRAGE CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURRAGE ORDER OR PRIOR WRITTEN CONSENT.</small> | | | | | | |
| DSGN OR ENGR | DATE | CHECKED | DATE | APPROVED | DATE | TITLE |
| WIRA | 6-1-76 | J. Hill | 6-16-76 | [Signature] | | HARNES, REGULATOR |
| LABORATORY | DATE | COMPONENTS | DATE | CLASS CODE | REV. DATE | RELEASED |
| | | | | | | OCT-8-76 |

ER 00186
 ECN 00799 [B]
 P.B. MAY 6-77
 SHEET 2 ALTERED

*** INDEX ***
 (Continued)

| REF DES | DESCRIPTION | PART NUMBER(S) | REV NO. |
|---------|----------------|----------------|-----------|
| B | | | |
| TB71 | FUSE BLOCK | 1472 5196, REF | |
| TB72 | FUSE BLOCK | 1472 5196, REF | |
| VR1TB | 9 TERM TB | 2795 1367, REF | |
| VR3TB | 9 TERM TB | 2795 1367, REF | |
| VR4TB | 9 TERM TB | 2795 1367, REF | |
| VR5TB | 9 TERM TB | 2795 1367, REF | |
| VR6TB | 9 TERM TB | 2795 1367, REF | |
| P1 | 18S PWB CONN | 1532 8099 | |
| P4 | 4S PWB CONN | 1083 1360 | |
| P5 | 4S PWB CONN | 1083 1360 | |
| P6 | 4S PWB CONN | 1083 1360 | |
| | TERMINATOR | 1471 9892 | 15 REQD |
| | TERMINATOR | 1472 1070 | 6 REQD |
| | TERMINATOR | 1472 8109 | 1 REQD |
| | TERMINATOR | 1532 8040 | 25 REQD |
| | TERMINATOR | 2473 2075 | 5 REQD |
| | DECAL ON CONN. | 1532 8099 (P1) | 2797 2959 |
| | " " " | 1083 1360 (P4) | 2797 2983 |
| | " " " | 1083 1360 (P5) | 2797 2991 |
| | " " " | 1083 1360 (P6) | 2797 3007 |

DWG. NO. 2795 1540

| WIRE NO. | WIRE CODE | WIRE COLOR | WIRE LG | MARK WIRE | SLEEVING | TERMI-NATOR | FROM | TO | TERMI-NATOR | SLEEVING | MARK WIRE | REV NO. |
|----------|-----------|------------|---------|-----------|----------|-------------|---------|------------|-------------|----------|-----------|---------|
| 1 | 20 | | | | - | 1532 8040 | P1-1 | P6-2 | 1532 8040 | - | | |
| 2 | 20 | | | | - | 1532 8040 | P1-2 | P4-2 | 1532 8040 | - | | |
| 3 | 20 | | | | - | 1532 8040 | P1-3 | P5-2 | 1532 8040 | - | | |
| 4 | 24 | | | | - | 1532 8040 | P1-5 | P6-1 | 1532 8040 | - | | |
| 5 | 24 | | | | - | 1532 8040 | P1-6 | P4-1 | 1532 8040 | - | | |
| 6 | 24 | | | | - | 1532 8040 | P1-7 | P5-1 | 1532 8040 | - | | |
| 7 | 24 | | | | - | 1532 8040 | P1-9 | TB72-BOX | 1471 9892 | - | | |
| 8 | 24 | | | | - | 1532 8040 | P1-10 | TB72-BOY | 1471 9892 | - | | |
| 9 | 24 | | | | - | 1532 8040 | P1-11 | VR3TB-4X | 1471 9892 | - | | |
| 10 | 24 | | | | - | 1532 8040 | P1-13 | P6-3 | 1532 8040 | - | | |
| 11 | 24 | | | | - | 1532 8040 | P1-14 | P4-3 | 1532 8040 | - | | |
| 12 | 24 | | | | - | 1532 8040 | P1-15 | P5-3 | 1532 8040 | - | | |
| 13 | 24 | | | | - | 1532 8040 | P1-16 | P5-4 | 1532 8040 | - | | |
| 14 | 24 | | | | - | 1532 8040 | P1-17 | TB72-C2Y | 1471 9892 | - | | |
| 15 | 20 | | | | - | 1532 8040 | P1-18 | TB72-B2Y-1 | 1471 9892 | - | | |
| 16 | 20 | | | | - | 1471 9892 | VR1TB-1 | E7-11Y | 1471 9892 | - | | |
| 17 | 20 | | | | - | 1471 9892 | VR3TB-1 | E7-12X | 1471 9892 | - | | |
| 18 | 20 | | | | - | 1471 9892 | VR4TB-1 | E7-9X | 1471 9892 | - | | |
| 19 | 20 | | | | - | 1471 9892 | VR5TB-1 | E7-9Y | 1471 9892 | - | | |
| 20 | 20 | | | | - | 1471 9892 | VR6TB-1 | E7-10Y | 1471 9892 | - | | |

HARNESS, REGULATOR
BURROUGHS CORP.-PLYMOUTH PLANT-

RELEASE DATE OCT-8-76
REV. B

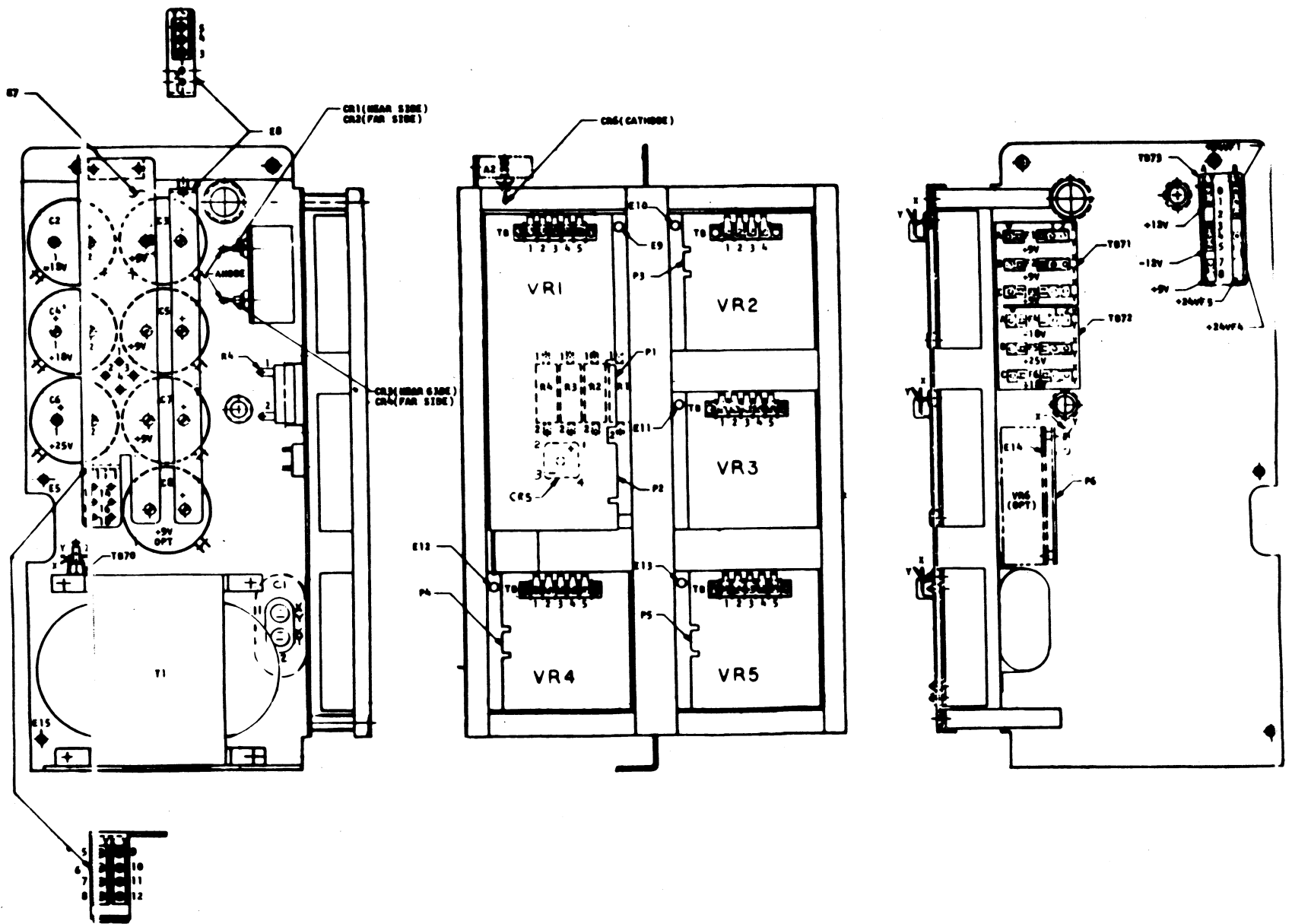
PART NO. 2795 1540
SHEET 3 OF 5

| WIRE NO. | WIRE CODE | WIRE COLOR | WIRE LG | MARK WIRE | SLEEVING | TERMI-NATOR | FROM | TO | TERMI-NATOR | SLEEVING | MARK WIRE | REV NO. |
|----------|-----------|------------|---------|-----------|----------|-------------|----------|----------|-------------|----------|-----------|---------|
| 21 | 16 | | | | - | 1472 8109 | VR3TB-2X | E11 | 2473 2075 | - | | B |
| 22 | 16 | | | | - | 1472 1070 | VR3TB-5X | TB72-AOX | 1472 1070 | - | | |
| 23 | 14 | | | | - | 1472 1070 | TB71-AOX | E12 | 2473 2075 | - | | |
| 24 | 14 | | | | - | 1472 1070 | TB71-BOX | E13 | 2473 2075 | - | | |
| 25 | 14 | | | | - | 1472 1070 | TB71-COX | E14 | 2473 2075 | - | | |
| 26 | 16 | | | | - | 1472 1070 | TB72-COX | E9 | 2473 2075 | - | | |

HARNESS, REGULATOR
BURROUGHS CORP.-PLYMOUTH PLANT-

RELEASE DATE OCT-8-76
REV

PART NO. 2795 1540
SHEET 4 OF 5



HARNISS. REGULATOR
 BURROUGHS CORP.-PLYMOUTH PLANT

RELEASE DATE OCT-8-76
 REV B

PART NO. 2795 1540
 SHEET 5 OF 5

| | | | | | | |
|---|--------|----------------|---------|--------------------|-----------|--------------------|
| Burrage Corporation | | PLYMOUTH PLANT | | PLYMOUTH, MICHIGAN | | DWG. NO. 2795 1540 |
| PROPRIETARY TO BURRAGE CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURRAGE ORDER OR PRIOR WRITTEN CONSENT. | | | | | | |
| DSGN OR ENGR | DATE | CHECKED | DATE | APPROVED | DATE | SHEET 1 of 5 |
| WIRA | 6-1-76 | J. Hill | 6-16-76 | [Signature] | (6-2) 76 | |
| LABORATORY | DATE | COMPONENTS | DATE | CLASS CODE | REV. DATE | TITLE |
| | | | | | | HARNESS, REGULATOR |
| | | | | | | RELEASED OCT-8-76 |

DWG. NO. 2795 1540

- NOTES:
- FOR SCHEMATIC SEE 2795 1425
 - TERMINATIONS MUST MEET SPEC DWG 81F
 - REF DESIGNATIONS AND REF PART NUMBERS MAY NOT BE VALID FOR ALL SYSTEMS

UNLESS OTHERWISE SPECIFIED:

- WIRE COLOR IS WHITE
- WIRE CODE 24=24 AWG, 7/32 STRANDING
1944 3191 WHITE
- WIRE CODE 20=20 AWG, 10/30 STRANDING
1940 9192 WHITE
- WIRE CODE 16=16 AWG, 26/30 STRANDING
2206 8498 WHITE
- WIRE CODE 14=14 AWG, 41/30 STRANDING
2206 8381 WHITE

ER 00186
 ECN 00799 [B]
 P.B. MAY 6-77
 SHEET 2 ALTERED

EI 00994

★ INDICATES CHANGES
 PRODUCT ENGINEERING
 K. Barrie 20 July 77

*** INDEX ***

| REF DES | DESCRIPTION | PART NUMBER(S) | REV NO. |
|---------|-------------|----------------|---------|
| E7 | BUS BAR | 2795 0955, REF | |
| E9 | HEAT SINK | 1256 0843, REF | |
| E11 | HEAT SINK | 1256 0843, REF | |
| E12 | HEAT SINK | 1256 0843, REF | |
| E13 | HEAT SINK | 1256 0843, REF | |
| E14 | HEAT SINK | 1256 0843, REF | |

NOTE: "REF" INDICATES PARTS ARE NOT PART OF HARNESS

STOCK CORRECTED

DO NOT SCALE
GEN QUAL SPECS APPLY

| | | | | | | |
|---|--------|----------------|---------|--------------------|-----------|--------------------|
| Burrage Corporation | | PLYMOUTH PLANT | | PLYMOUTH, MICHIGAN | | DWG. NO. 2795 1540 |
| PROPRIETARY TO BURRAGE CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURRAGE ORDER OR PRIOR WRITTEN CONSENT. | | | | | | |
| DSGN OR ENGR | DATE | CHECKED | DATE | APPROVED | DATE | SHEET 2 of 5 |
| WIRA | 6-1-76 | J. Hill | 6-16-76 | [Signature] | | |
| LABORATORY | DATE | COMPONENTS | DATE | CLASS CODE | REV. DATE | TITLE |
| | | | | | | HARNESS, REGULATOR |
| | | | | | | RELEASED OCT-8-76 |

DWG. NO. 2795 1540

*** INDEX ***
(Continued)

★ INDICATES CHANGES
 PRODUCT ENGINEERING
 K. Barrie 20 July 77
 EI 00994

| REF DES | DESCRIPTION | PART NUMBER(S) | REV NO. |
|---------|----------------|----------------|-----------|
| TB71 | FUSE BLOCK | 1472 5196, REF | |
| TB72 | FUSE BLOCK | 1472 5196, REF | |
| VR1TB | 9 TERM TB | 2795 1367, REF | |
| VR3TB | 9 TERM TB | 2795 1367, REF | |
| VR4TB | 9 TERM TB | 2795 1367, REF | |
| VR5TB | 9 TERM TB | 2795 1367, REF | |
| VR6TB | 9 TERM TB | 2795 1367, REF | |
| P1 | 18S PWB CONN | 1532 8099 | |
| P4 | 4S PWB CONN | 1083 1360 | |
| P5 | 4S PWB CONN | 1083 1360 | |
| P6 | 4S PWB CONN | 1083 1360 | |
| | TERMINATOR | 1471 9892 | 15 REQD |
| | TERMINATOR | 1472 1070 | 6 REQD |
| | TERMINATOR | 1472 8109 | 1 REQD |
| | TERMINATOR | 1532 8040 | 25 REQD |
| | TERMINATOR | 2473 2075 | 5 REQD |
| | DECAL ON CONN. | 1532 8099 (P1) | 2797 2959 |
| | " " " | 1083 1360 (P4) | 2797 2983 |
| | " " " | 1083 1360 (P5) | 2797 2991 |
| | " " " | 1083 1360 (P6) | 2797 3007 |

| WIRE NO. | WIRE CODE | WIRE COLOR | WIRE LG | MARK WIRE | SLEEVING | TERMI-NATOR | FROM | TO | TERMI-NATOR | SLEEVING | MARK WIRE | REV NO. |
|----------|-----------|------------|---------|-----------|----------|-------------|---------|------------|-------------|----------|-----------|---------|
| 1 | 20 | | | | - | 1532 8040 | P1-1 | P6-2 | 1532 8040 | - | | |
| 2 | 20 | | | | - | 1532 8040 | P1-2 | P4-2 | 1532 8040 | - | | |
| 3 | 20 | | | | - | 1532 8040 | P1-3 | P5-2 | 1532 8040 | - | | |
| 4 | 24 | | | | - | 1532 8040 | P1-5 | P6-1 | 1532 8040 | - | | |
| 5 | 24 | | | | - | 1532 8040 | P1-6 | P4-1 | 1532 8040 | - | | |
| 6 | 24 | | | | - | 1532 8040 | P1-7 | P5-1 | 1532 8040 | - | | |
| 7 | 24 | | | | - | 1532 8040 | P1-9 | TB72-BOX | 1471 9892 | - | | |
| 8 | 24 | | | | - | 1532 8040 | P1-10 | TB72-BOY | 1471 9892 | - | | |
| 9 | 24 | | | | - | 1532 8040 | P1-11 | VR3TB-4X | 1471 9892 | - | | |
| 10 | 24 | | | | - | 1532 8040 | P1-13 | P6-3 | 1532 8040 | - | | |
| 11 | 24 | | | | - | 1532 8040 | P1-14 | P4-3 | 1532-8040 | - | | |
| 12 | 24 | | | | - | 1532 8040 | P1-15 | P5-3 | 1532 8040 | - | | |
| 13 | 24 | | | | - | 1532 8040 | P1-16 | P5-4 | 1532 8040 | - | | |
| 14 | 24 | | | | - | 1532 8040 | P1-17 | TB72-C2Y | 1471 9892 | - | | |
| 15 | 20 | | | | - | 1532 8040 | P1-18 | TB72-B2Y-1 | 1471 9892 | - | | |
| 16 | 20 | | | | - | 1471 9892 | VR1TB-1 | E7-11Y | 1471 9892 | - | | |
| 17 | 20 | | | | - | 1471 9892 | VR3TB-1 | E7-12X | 1471 9892 | - | | |
| 18 | 20 | | | | - | 1471 9892 | VR4TB-1 | E7-9X | 1471 9892 | - | | |
| 19 | 20 | | | | - | 1471 9892 | VR5TB-1 | E7-9Y | 1471 9892 | - | | |
| 20 | 20 | | | | - | 1471 9892 | VR6TB-1 | E7-10Y | 1471 9892 | - | | |

★ INDICATES CHANGES
 PRODUCT ENGINEERING
 K. Bania 20 JUL 77
 EI 00994

HARNESS, REGULATOR
 BURROUGHS CORP.-PLYMOUTH PLANT-

RELEASE DATE OCT-8-76
 REV. B

PART NO. 2795 1540
 SHEET 3 OF 5

| WIRE NO. | WIRE CODE | WIRE COLOR | WIRE LG | MARK WIRE | SLEEVING | TERMI-NATOR | FROM | TO | TERMI-NATOR | SLEEVING | MARK WIRE | REV NO. |
|----------|-----------|------------|---------|-----------|----------|-------------|----------|----------|-------------|----------|-----------|---------|
| 21 | 16 | | | | - | 1472 8109 | VR3TB-2X | E11 | 2473 2075 | - | | B |
| 22 | 16 | | | | - | 1472 1070 | VR3TB-5X | TB72-AOX | 1472 1070 | - | | |
| 23 | 14 | | | | - | 1472 1070 | TB71-AOX | E12 | 2473 2075 | - | | |
| 24 | 14 | | | | - | 1472 1070 | TB71-BOX | E13 | 2473 2075 | - | | |
| 25 | 14 | | | | - | 1472 1070 | TB71-COX | E14 | 2473 2075 | - | | |
| 26 | 16 | | | | - | 1472 1070 | TB72-COX | E9 | 2473 2075 | - | | |

★ INDICATES CHANGES
 PRODUCT ENGINEERING
 K. Bania 20 JUL 77
 EI 00994

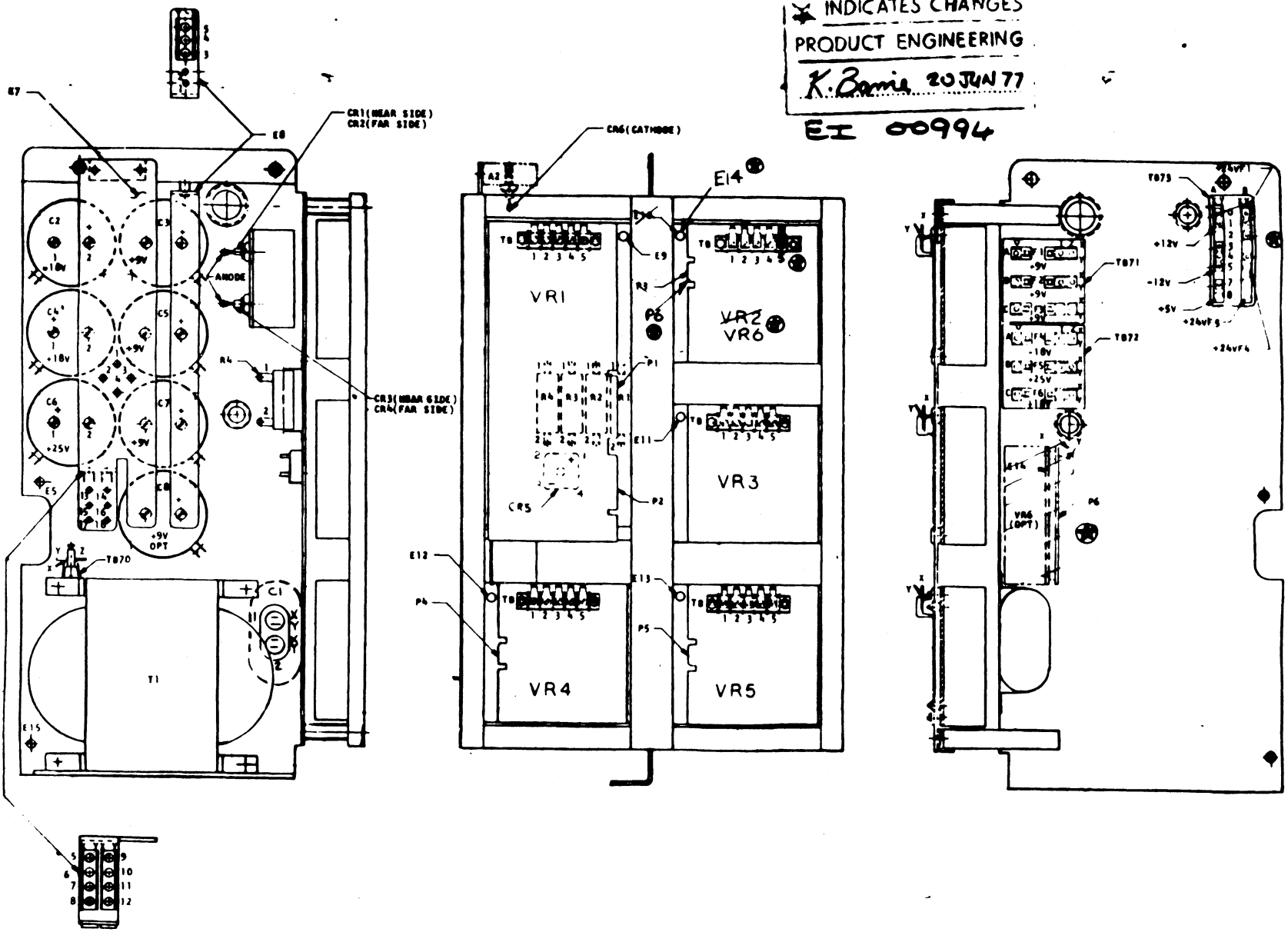
HARNESS, REGULATOR
 BURROUGHS CORP.-PLYMOUTH PLANT-

RELEASE DATE OCT-8-76
 REV.

PART NO. 2795 1540
 SHEET 4 OF 5

✖ INDICATES CHANGES
 PRODUCT ENGINEERING
K. Davis 20 JUN 77

EI 00994



HARNESS, REGULATOR
 BURROUGHS CORP., -PLYMOUTH PLANT

RELEASE DATE OCT-8-76
 REV B

PART NO. 2795 1540
 SHEET 5 OF 5

| | | | | | | | | |
|--|------|---|-------------------|--------------------------------|-------------------|------------------------------------|----------------------------|-----------------------|
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | DESIGN CONTROL 308 | DWG NO. 2797 0052 | REV. B |
| DESIGN OR ENG | DATE | DRAWN P.B. | DATE AUG 18 76 | APPROVED <i>[Signature]</i> | DATE 27 Aug 76 | TITLE:- KEYBOARD & DISPLAY HARNESS | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 2-1522 | DWG. SIZE A | DWG. TYPE W.L. | SHEET 1 OF 6 | RELEASED:- SEPT-20-76 |
| | | | | | | | ER 00152 | MFG |
| | | | | | | | ECN 00706 | B |
| | | | | | | | C.McF APR.15.77 | MFG |
| | | | | | | | TERMINAL CHANGED (SHEET 6) | |

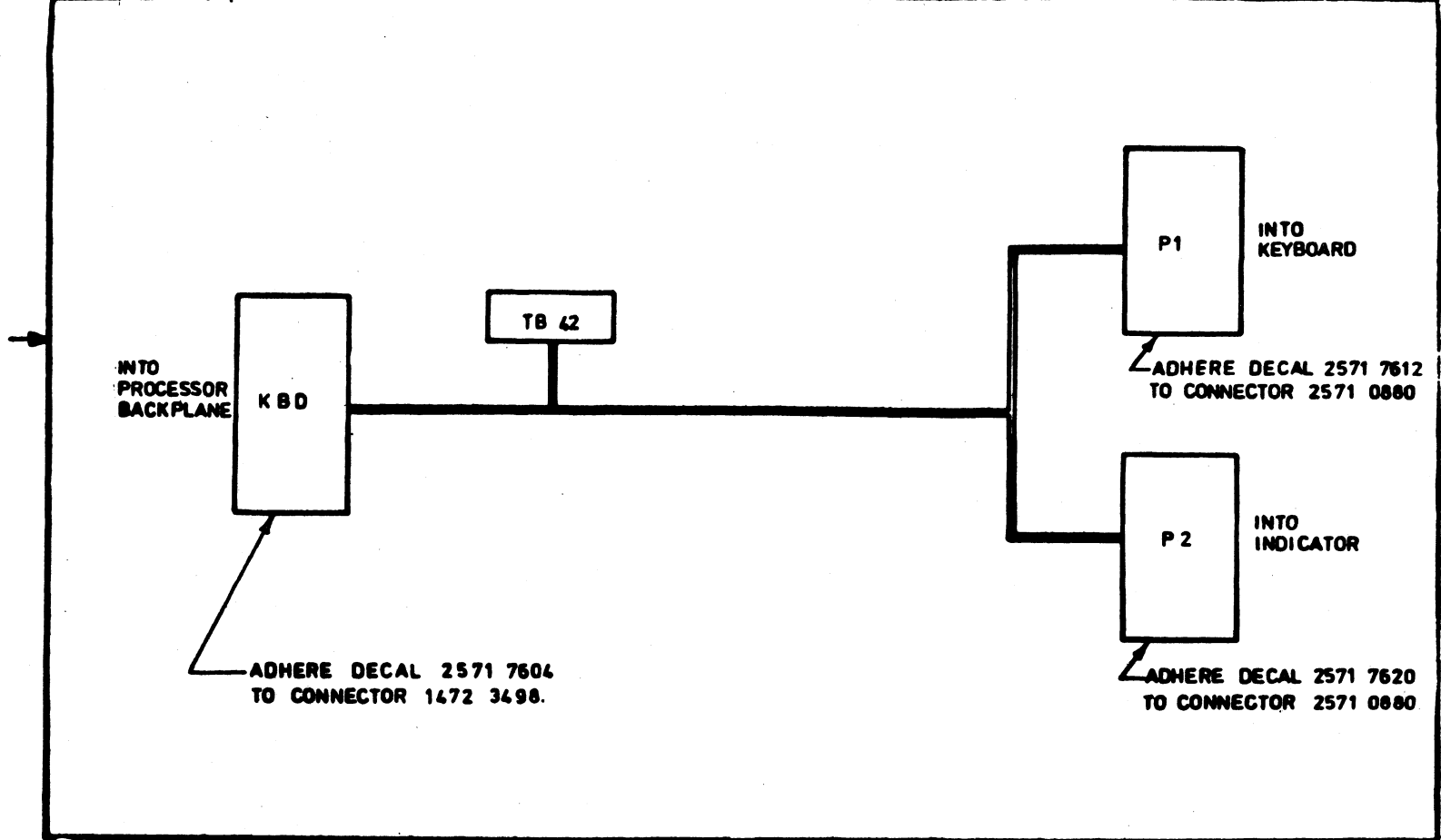
| | | | | | | | | |
|--|------|---|-------------------|--------------------------------|-------------------|------------------------------------|----------------------|-----------------------|
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | DESIGN CONTROL 308 | DWG NO. 2797 0052 | REV. B |
| DESIGN OR ENG | DATE | DRAWN P.B. | DATE AUG 18 76 | APPROVED <i>[Signature]</i> | DATE 27 Aug 76 | TITLE:- KEYBOARD & DISPLAY HARNESS | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 2-1522 | DWG. SIZE A | DWG. TYPE W.L. | SHEET 2 OF 6 | RELEASED:- SEPT-20-76 |

TOP VIEW TC5000

NOTE:-

1. POL KEY NO. 2571 2092 FITS INTO POS. 6 ON P2 AND POS. 13 ON P1.
2. TERMINATIONS MUST MEET SPECIFICATION DRAWING 81F.
3. TENSIONING PINS (PART NO. 1534 3957) SHOULD BE FITTED IN FOLLOWING POSITIONS.
P1:7 P2:7H

| | | | | | | | | |
|--|------|---|-------------------|-------------------------|-------------------|------------------------------------|----------------------|-----------------------|
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | DESIGN CONTROL 308 | DWG NO. 2797 0052 | REV. B |
| DESIGN OR ENG. | DATE | DRAWN P.B. | DATE AUG 18 76 | APPROVED [Signature] | DATE 17 Aug 76 | TITLE:- KEYBOARD & DISPLAY HARNESS | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 2-1522 | DWG. SIZE A | DWG. TYPE W.L. | SHEET 3 OF 6 | RELEASED:- SEPT-20-76 |



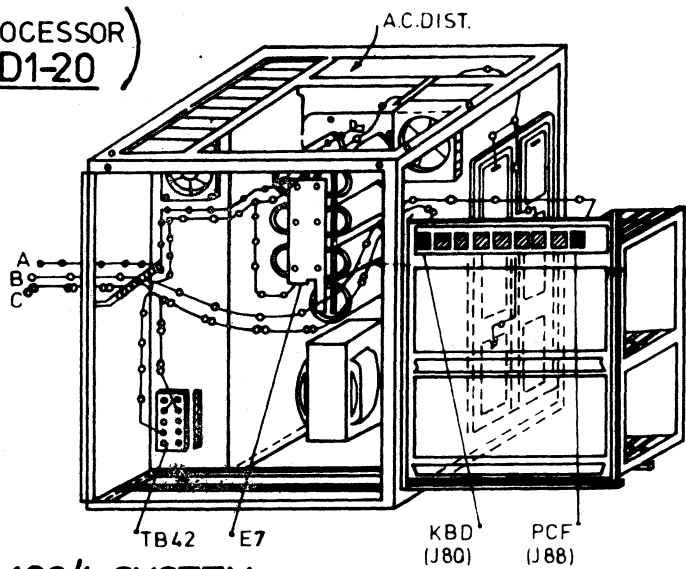
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | DESIGN CONTROL 308 | DWG NO. 2797 0052 | REV. B |
|--|-----------|---|-----------|-------------------------|-------------------|------------------------------------|----------------------|-----------------------|
| DESIGN OR ENG. | DATE | DRAWN | DATE | APPROVED [Signature] | DATE 17 Aug 76 | TITLE:- KEYBOARD & DISPLAY HARNESS | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 2-1522 | DWG. SIZE A | DWG. TYPE W.L. | SHEET 4 OF 6 | RELEASED:- SEPT-20-76 |
| SIGNAL NAME | FROM | | | TO | | | WIRE | |
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | | |
| +5V | 1472 3498 | KBD-34 | 1472 0726 | 2571 0880 | P1-5 | 2105 5223 | 1944 3191 | |
| 0V | 1472 3498 | KBD-32 | 1472 0726 | 2571 0880 | P1-11 | 2105 5223 | " " | |
| -12V | 1472 3498 | KBD-33 | 1472 0726 | 2571 0880 | P1-N | 2105 5223 | " " | |
| PHI 2L | 1472 3498 | KBD-28 | 1472 0726 | 2571-0880 | P1-L | 2105 5223 | " " | |
| AVL | 1472 3498 | KBD-7 | 1472 0726 | 2571 0880 | P1-14 | 2105 5223 | " " | |
| STROBE | 1472 3498 | KBD-13 | 1472 0726 | 2571 0880 | P1-E | 2105 5223 | " " | |
| KBD0 | 1472 3498 | KBD-11 | 1472 0726 | 2571 0880 | P1-B | 2105 5223 | " " | |
| KBD1 | 1472 3498 | KBD-12 | 1472 0726 | 2571 0880 | P1-C | 2105 5223 | " " | |
| KBD2 | 1472 3498 | KBD-10 | 1472 0726 | 2571 0880 | P1-J | 2105 5223 | " " | |
| KBD3 | 1472 3498 | KBD-17 | 1472 0726 | 2571 0880 | P1-F | 2105 5223 | " " | |
| KBD4 | 1472 3498 | KBD-15 | 1472 0726 | 2571 0880 | P1-A | 2105 5223 | " " | |
| KBD5 | 1472 3498 | KBD-16 | 1472 0726 | 2571 0880 | P1-D | 2105 5223 | " " | |
| KBD6 | 1472 3498 | KBD-8 | 1472 0726 | 2571 0880 | P1-K | 2105 5223 | " " | |
| KBD7 | 1472 3498 | KBD-14 | 1472 0726 | 2571 0880 | P1-H | 2105 5223 | " " | |
| BANK A | 1472 3498 | KBD-40 | 1472 0767 | 2571 0880 | P2-15 | 2105 5223 | 1940 9192 | |
| BANK B | 1472 3498 | KBD-44 | 1472 0767 | 2571 0880 | P2-11 | 2105 5223 | " " | |
| BANK C | 1472 3498 | KBD-48 | 1472 0767 | 2571 0880 | P2-14 | 2105 5223 | " " | |
| BANK D | 1472 3498 | KBD-50 | 1472 0767 | 2571 0880 | P2-12 | 2105 5223 | " " | |

| | | | | | | | | | | |
|-------------------------|----------|------------------------|----------|------------|-----------|--|--------------|--------------------------|--|-----------|
| Burroughs Machines Ltd. | | CUMBERNAULD, SCOTLAND. | | | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | DESIGN CONTROL 308 | DWG. NO. 2799 5893 | REV. C |
| DESIGN ENGR | DATE | DRAWN | DATE | APPROVED | DATE | | | TITLE:-- | | |
| W. B. ... | MAY 8-78 | C.S. | MAY 8-78 | | | | | HARNES ASSEMBLY GUIDE | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE | DWG. SIZE | DWG. TYPE | SHEET 1 of 2 | | RELEASED:-- MAY 19-78 | |
| | | | | 4-0225 | | W.L. | | | ECN 01808 ECN 02042 C.B. AUG. 15.78 SHTS 1&2 ALTERED EMERGENCY | |

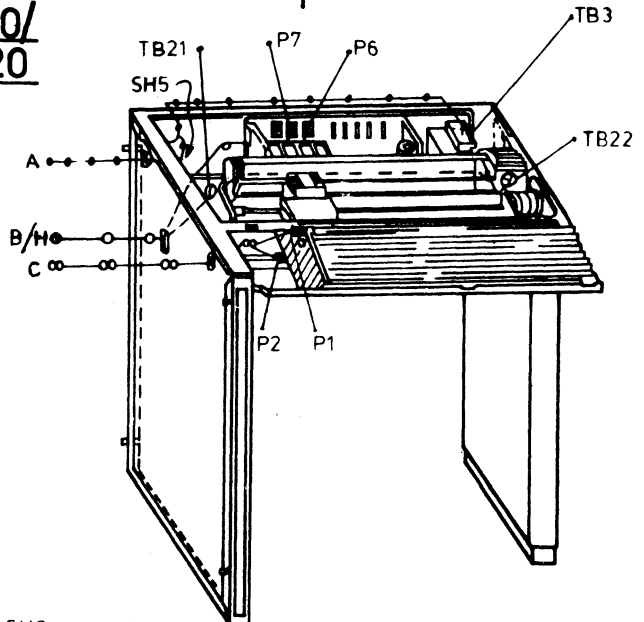
ASSEMBLY GUIDE

B80-121 SYSTEM

(PROCESSOR)
BD1-20

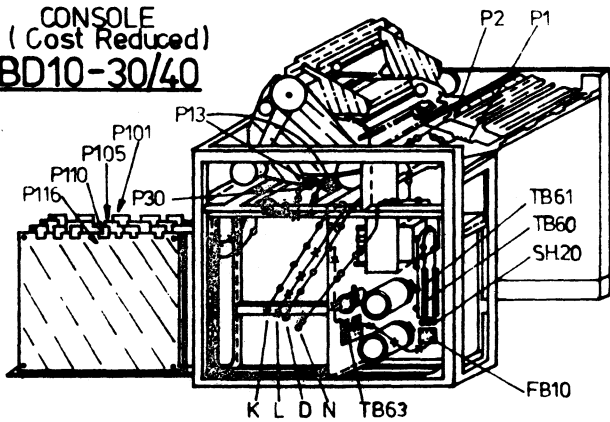


CONSOLES
BD10-10/
BD10-20

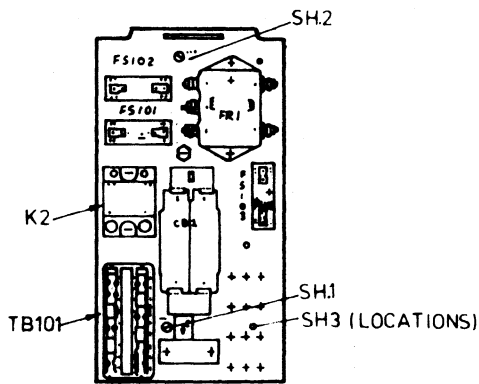


BD-123/4 SYSTEM

CONSOLE
(Cost Reduced)
BD10-30/40



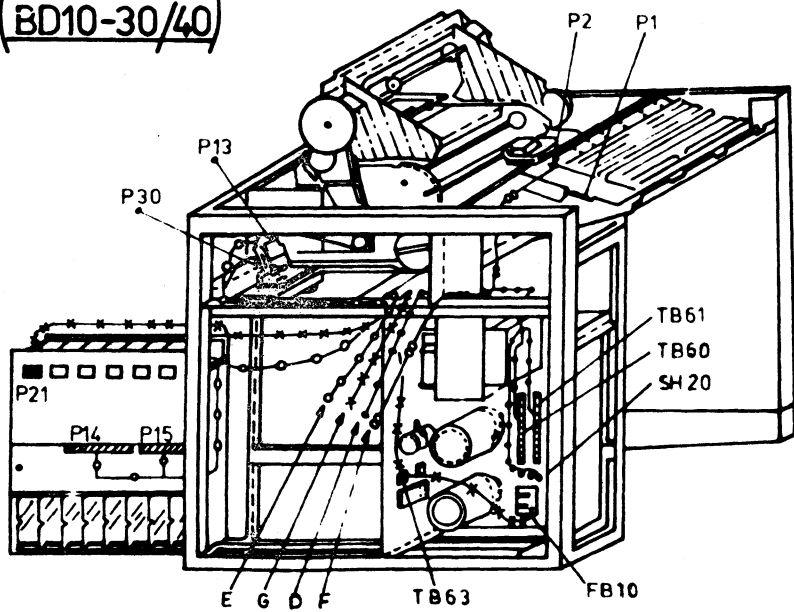
AC.DIST.



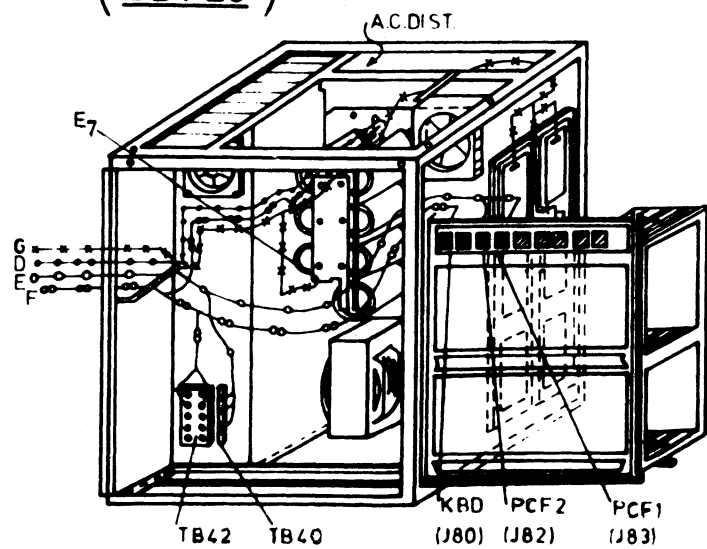
ECN 02049
C.S. AUG-18-78
SHTS.1&2. ALTD.
EMERGENCY

BO-123/4 SYSTEMS

(CONSOLE:
BD10-30/40)



(PROCESSOR)
BD1-20



| | | | | | | | | |
|--|-------------------|--|------------------|-----------------------------|---------------|---|----------------------------|-----------------------------|
| Burroughs Machines Ltd. CUMBERNAULD, SCOTLAND. | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL 308 | DWG. NO. 2799 5893 | REV. |
| DESIGNED BY <i>W. B. ...</i> | DATE May 6 '78 | DRAWN C.S. | DATE MAY 8-78 | APPROVED | DATE | TITLE:- HARNES ASSEMBLY GUIDE | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 4-0225 | DWG. SIZE | DWG. TYPE W.L. | SHEET 2 of 2 | RELEASED:- MAY 19-78 |

| PCF CONTROLLER HARNES 2571 6853 REF E. | | | |
|--|-------------|-------------|-----------|
| SOURCE | MARKING | DESTINATION | NAME |
| P13 | PCF 1 | SEE DIAGRAM | |
| P14 | PCF 1 | SEE DIAGRAM | |
| P30 | PCF 1 | SEE DIAGRAM | |
| P13 | PCF 2 | SEE DIAGRAM | - |
| P14 | PCF 2 | SEE DIAGRAM | - |
| P15 | PCF 2 | SEE DIAGRAM | - |
| PCF-28 | TB40 ROW 11 | TB40 ROW 11 | BLS P1/6/ |
| PCF2-44 | TB40 ROW 10 | TB40 ROW 10 | BSL P1/5/ |
| PCF2-48 | TB40 ROW 9 | TB40 ROW 9 | BLS P1/4/ |
| PCF2-32 | TB40 ROW 3 | TB40 ROW 3 | MP |
| PCF2-37 | TB40 ROW 5 | TB40 ROW 5 | D1EN/ |
| PCF2-41 | TB40 ROW 4 | TB40 ROW 4 | D2EN/ |
| PCF2-4 | TB40 ROW 8 | TB40 ROW 8 | GND |

| PRINTER D.C. HARNES 180 CPS 2797 1944 REV G. | | | |
|--|----------|-------------|------|
| SOURCE | MARKING | DESTINATION | NAME |
| P21-L | VR1-4X | VR1-TB4X | +12V |
| P21-H | VR6-4X | VR6-TB4X | +5V |
| P21-J | VR6-5X | VR6-TB5X | +5V |
| P21-B | E7-6X | E7-6X | OV |
| P21-C | E7-5X | E7-5X | OV |
| P21-A | VR3-2Y | VR3-TB2Y | -12V |
| FB-10-FS-2X | TB42-A4X | TB42-A4X | +24V |
| TB63-A8X | E7-7X | E7-7X | OV |

| CONSOLE A.C. HARNES 60 CPS 2797 0029 REF A. | | | |
|---|---------------|-------------|---------|
| SOURCE | MARKING | DESTINATION | NAME |
| TB3-2 | TB101-B4X | TB101-B4X | N-PTR |
| TB3-34 | K2-1 | K2-1 | L-PTR |
| SH5 | SH1 (GRN/YEL) | SH1 | GND-PTR |
| TB3-11 | TB101-A4X | TB101-A4X | 120-L |

| CONSOLE A.C. HARNES 180 CPS 2797 2397 REF D. | | | |
|--|---------------|-------------|-----------|
| SOURCE | MARKING | DESTINATION | NAME |
| TB60-6Y | K2-1 | K2-1 | CONSOLE-L |
| TB61-1Y | TB101-B4X | TB101-B4X | CONSOLE-N |
| SH20 | SH3 (GRN/YEL) | SH3 | GND |
| TB61-5Z | TB101-A4X | TB101-A4X | DISK-L |

| COMBINED PRINTER HARNESSES (60 CPS 2797 0003 REF B 120 CPS 2797 6012 REF H) | | | |
|--|----------|-------------|--------|
| SOURCE | MARKING | DESTINATION | NAME |
| P6-R | VR4-5Y | FR4-TB5Y | +5V 1 |
| P6-C | VR3-2X | VR3-TB2X | -12V |
| P6-N | VR1-4X | VR1-TB4X | +12V |
| P6-b | E7-5X | E7-5X | OV |
| P6-d | E7-5Y | E7-5Y | OV |
| P6-z | E7-6X | E7-6X | OV |
| P6-K | TB42-A4X | TB42-A4X | 24V F4 |

| KEYBOARD AND DISPLAY HARNES 2797 0052 REF (C/F) | | | |
|---|---------|-------------|------|
| SOURCE | MARKING | DESTINATION | NAME |
| KBD | P2 | SEE DIAGRAM | - |
| KBD | P1 | SEE DIAGRAM | - |

| PCF CONTROLLER HARNES 180 CPS 2798 0770 REF K. | | | |
|--|------------|-------------|--------|
| SOURCE | MARKING | DESTINATION | SIGNAL |
| P13 | PCF 1 | | - |
| P13 | PCF 2 | | - |
| P13-R | TB40 ROW 5 | TB40 ROW 5 | MP 1 |
| P13-S | TB40 ROW 4 | TB40 ROW 4 | MP 2 |
| P30 | PCF 1 | | - |
| P100 | PCF 1 | | - |
| P104 | PCF 1 | | - |
| P104 | PCF 2 | | - |
| P108 | PCF 2 | | - |
| P109 | PCF 2 | | - |
| P114 | PCF 2 | | - |
| P115 | PCF 2 | | - |
| PCF2-4 | TB40 ROW 8 | TB40 ROW 8 | GND |
| PCF2-41 | TB40 ROW 4 | TB40 ROW 4 | D2EN/ |
| PCF2-37 | TB40 ROW 5 | TB40 ROW 5 | D1EN/ |

| KEYBOARD AND DISPLAY HARNES 2797 2512 REF N. | | | |
|--|---------|-------------|--------|
| SOURCE | MARKING | DESTINATION | SIGNAL |
| KBD | P1 | | - |
| KBD | P2 | | - |

| PRINTER D.C. HARNES 180 CPS 2798 C796 REF L. | | | |
|--|----------|-------------|--------|
| SOURCE | MARKING | DESTINATION | SIGNAL |
| P101-1 | VR1-4X | VR1-TB4X | +12V |
| P101-2 | VR3-2Y | VR3-TB2Y | -12V |
| P101-3 | VR6-4X | VR6-TB4X | +5V |
| P116-1 | VR1-4X | VR1-TB4X | +12V |
| P116-2 | VR3-2Y | VR3-TB2X | -12V |
| P116-3 | VR6-3X | VR6-TB3X | +5V |
| P101-5/6 | E7-7Y | E7-7Y | OV |
| P105-5/6 | E7-6X | E7-6X | OV |
| P110-5/6 | E7-5Y | E7-5Y | OV |
| P116-5/6 | E7-5X | E7-5X | OV |
| FB10-F3-2X | TB42-A4X | TB42-A4X | +24V |
| TB63-A8X | E7-7Y | E7-7Y | OV |

P.L.

| | | | | | | | | | | | | | | | | | | | | |
|---|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----------------------|----|---|-----------------|-----------------|
| <p align="center">Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA</p> | | | | | | | | | | | | | | | | DWG NO 2555 5467 | | | | |
| TITLE PARTS LIST, P.W. BOARD ASSEMBLY, DRIVER | | | | | | | | | | | | | | | | DATE 2-4-76 | | | | |
| REVISION | | | | | | | | | | | | | | | | SHEET OF 1 6 | | | | |
| STATUS OF SHEETS | | | | | | | | | | | | | | | | DESCRIPTION | | | | |
| LTR | NUMBER | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | DESCRIPTION | DRAFTSMAN | CHECKER |
| A | | A | A | A | A | A | A | | | | | | | | | | | RELEASED FEB 19 1976 | | |
| B | ECN# 5564 | B | A | A | B | A | A | | | | | | | | | | | (1) 1694 0132 DELETED (2) QTY WAS 2 | AWV 12-16-76 | MVT 12-16-76 |
| C | ECN# 5704 | C | C | A | C | A | A | | | | | | | | | | | (1) WAS 1268 1359 (2) CII ADDED | AWV 12-13-76 | MVT 12-16-76 |
| D | ECN# 6032 | D | D | D | D | A | D | | | | | | | | | | | (1) WAS 1447 3516 (2) RIG4 DELETED (3) WAS 1268 1243 (4) WAS 1268 1797 (5) (6) ADDED (7) WAS 1268 2845 | AWV 11-16-77 | MVT 14-77 |
| | | | | | | | | | | | | | | | | CLASS CODE 2-7045 | | | | |

35
3

REVISED 10-4-68 ECD 250

PARTS LIST

| | | | | | | | | | |
|---|------|-----------------------------------|-----------------------------|---|--|------------|-----------------------------|------------|---|
| TITLE P.W. BOARD ASSEMBLY, DRIVER | | | | | | | | | |
| PRODUCT PART NO | | TITLE OF PRODUCT PART NO DOCUMENT | | | | | QTY REQ'D FOR ONE NEXT ASSY | | |
| ITEM | SIZE | PART NO | REF NO | DESCRIPTION | | COLUMN NO | | | |
| D | | 2555 5475 | | ASSEMBLY | | 1 | 2 | 3 | 4 |
| 1 | C | 2555 5483 | | DIM DRAWING, PW BOARD | | 1 | | | |
| A | | 1627 4268 | A1-A8, A18 | INTEGRATED DISPLAY DRIVER | | 9 | | | |
| A | | 1447 3706 | A9 | TTL, MULTIVIBRATOR, MONOSTABLE (74121) | | 1 | | | |
| A | | 1447 3532 | A10, A16 | TTL, INVERTER, HEX (7404) | | 2 | | | |
| A | | 2553 3100 | A11, A12 | DUAL LINE RECEIVER (8820A) | | 2 | | | |
| A | | 2158 6235 | A13, A15 | TTL, RETRIGGERABLE (74123) MULTIVIBRATOR MONOSTABLE | | 2 | | | |
| A | | 1447 3516 | A17 | TTL, GATE, QUAD 2-INPUT NAND(7400) | | 1 | | | |
| A | | 1741 0085 | A14 | TTL, GATE OPEN COLLECTOR 2-INPUT NAND GATE (7401) | | 1 | | | |
| A | | 1627 4334 | A19 | SELF SCAN CATHODE DRIVER | | 1 | | | |
| | | 1691 6207 | B1684 6735 R1 | RESISTOR, METAL FILM 220 Ω , $\pm 1\%$, 1/4W | | 1 | | | |
| | | 1268 1292 | A1268 1003 R2 | RESISTOR, FIXED, INSULATED, 820 Ω , $\pm 5\%$, 1/4W | | 1 | | | |
| | | 1268 1557 | A1268 1003 R146, R160 | RESISTOR, FIXED, INSULATED, 10K, $\pm 5\%$, 1/4W | | 2 | | | |
| | | 1691 6215 | B1684 6735 RA | RESISTOR, METAL FILM 1300 Ω , $\pm 1\%$, 1/4W | | 1 | | | |
| | | 1691 6223 | B1684 6735 R5-R12, R186 | RESISTOR, METAL FILM 6800 Ω , $\pm 1\%$, 1/4W | | 9 | | | |
| | | 1268 1623 | A1268 1003 R13-R68 | RESISTOR, FIXED, INSULATED 20 k, $\pm 5\%$, 1/4W | | 56 | | | |
| | | 1268 1839 | A1268 1003 R69-R124, R171 | RESISTOR, FIXED, INSULATED 150 k, $\pm 5\%$, 1/4W | | 57 | | | |
| | | 1691 6231 | B1684 6735 R125-R132 | RESISTOR, METAL FILM 910 k, $\pm 5\%$, 1/4W | | 8 | | | |
| | | 1268 1573 | A1268 1003 R133, R147, R155 | RESISTOR, FIXED, INSULATED 12 k, $\pm 5\%$, 1/4W | | 3 | | | |
| <p align="center">Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA</p> | | | | | | | | | |
| DATE | | DATE | | DATE | | DATE | | REV | |
| MR 2-13-76 | | MR 2-15-76 | | MR 2-18-76 | | MR 2-18-76 | | D | |
| CLASS CODE | | CLASS CODE | | CLASS CODE | | CLASS CODE | | CLASS CODE | |
| 2-7045 | | 2-7045 | | 2-7045 | | 2-7045 | | 2-7045 | |
| DWG NO | | DWG NO | | DWG NO | | DWG NO | | DWG NO | |
| 2555 5467 | | 2555 5467 | | 2555 5467 | | 2555 5467 | | 2555 5467 | |
| SHEET | | SHEET | | SHEET | | SHEET | | SHEET | |
| 2 | | 2 | | 2 | | 2 | | 2 | |
| OF 6 | | OF 6 | | OF 6 | | OF 6 | | OF 6 | |

ECD-263-3

PARTS LIST

| TITLE P.W. BOARD ASSEMBLY, DRIVER | | | | | | | | | | | | | |
|--------------------------------------|------|-----------------------------------|---|---|---|----|---|---|---|---|---|---|---|
| PRODUCT PART NO | | TITLE OF PRODUCT PART NO DOCUMENT | | | QTY. REQ'D FOR ONE NEXT ASSY COLUMN NO. | | | | | | | | |
| ITEM | SIZE | PART NO | REF NO | DESCRIPTION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | 1268 1318 | A1268 1003 | RESISTOR, FIXED, INSULATED 1 k, ±5%, 1/4W | | 8 | | | | | | | |
| | | | R134, R137, R140, R143, R148, R149, R153, R154 | | | | | | | | | | |
| | | 1691 4566 | B1691 4541 | RESISTOR, FIXED, METAL GLAZE 10 Ω, ±5%, 1/4W | | 4 | | | | | | | |
| | | | R135, R138, R141, R144 | | | | | | | | | | |
| | | 1268 1482 | A1268 1003 | RESISTOR, FIXED, INSULATED 5100 Ω, ±5%, 1/4W | | 11 | | | | | | | |
| | | | R136, R139, R142, R145, R152, R156, R157, R158, R161, R188, R201 | | | | | | | | | | |
| | | 1268 1383 | A1268 1003 | RESISTOR, FIXED, INSULATED 2 k, ±5%, 1/4W | | 1 | | | | | | | |
| | | | R150 | | | | | | | | | | |
| | | 1268 1599 | A1268 1003 | RESISTOR, FIXED, INSULATED 15 k, ±5%, 1/4W | | 1 | | | | | | | |
| | | | R151 | | | | | | | | | | |
| | | 1268 1714 | A1268 1003 | RESISTOR, FIXED, INSULATED 47 k, ±5%, 1/4W | | 1 | | | | | | | |
| | | | R159 | | | | | | | | | | |
| | | 1268 1359 | A1268 1003 | RESISTOR, FIXED, INSULATED 1500Ω, ±5%, 1/4W | | 2 | | | | | | | |
| | | | R162, R167 | | | | | | | | | | |
| | | 1268 1656 | A1268 1003 | RESISTOR, FIXED, INSULATED 27 k, ±5%, 1/4W | | 1 | | | | | | | |
| | | | R163 | | | | | | | | | | |
| | | 1265 6476 | A1265 3259 | RESISTOR, CARBON COMP 300 k, ±5%, 1/4W | | 1 | | | | | | | |
| | | | R166 | | | | | | | | | | |
| | | 1691 6249 | B1684 6735 | RESISTOR, METAL FILM 47 Ω, ±5%, 1/4W | | 1 | | | | | | | |
| | | | R168 | | | | | | | | | | |
| | | 1268 3835 | A1268 1003 | RESISTOR, FIXED, INSULATED 47 k, ±5%, 1W | | 2 | | | | | | | |
| | | | R169, R170 | | | | | | | | | | |
| | | B 1694 0132 | R164 | JUMPER, DUMMY RESISTOR | | 1 | | | | | | | |

Burroughs Corporation
ELECTRONIC COMPONENTS DIVISION
PLA NFIELD, NEW JERSEY 0706 U S AMERICA

CLASS CODE USGN

DWG NO 2555 5467

SHEET 3 OF 6

ECD-263-3

PARTS LIST

| TITLE P.W. BOARD ASSEMBLY, DRIVER | | | | | | | | | | | | | |
|--------------------------------------|------|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|
| PRODUCT PART NO | | TITLE OF PRODUCT PART NO DOCUMENT | | | QTY. REQ'D FOR ONE NEXT ASSY COLUMN NO. | | | | | | | | |
| ITEM | SIZE | PART NO | REF NO | DESCRIPTION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | 1268 2779 | A1268 1003 | RESISTOR, FIXED, INSULATED 75 k, ±5%, 1/2W | | 7 | | | | | | | |
| | | | R172-R178 | | | | | | | | | | |
| | | 1268 1664 | A1268 1003 | RESISTOR, FIXED, INSULATED 30 k, ±5%, 1/4W | | 7 | | | | | | | |
| | | | R179-R185 | | | | | | | | | | |
| | | 1268 1474 | A1268 1003 | RESISTOR, FIXED, INSULATED 4700Ω, ±5%, 1/4W | | 8 | | | | | | | |
| | | | R187, R190-R196 | | | | | | | | | | |
| | | 1268 1425 | A1268 1003 | RESISTOR, FIXED, INSULATED, 3K, ±5%, 1/4W | | 1 | | | | | | | |
| | | | R189 | | | | | | | | | | |
| | | 1268 1334 | A1268 1003 | RESISTOR, FIXED, INSULATED, R203 1200Ω ±5%, 1/4W | | 1 | | | | | | | |
| | | 1265 6773 | A1265 3259 | RESISTOR, CARBON COMP 750 k, ±5%, 1/4W | | 1 | | | | | | | |
| | | | R202 | | | | | | | | | | |
| | | 1269 5227 | A1269 5227 | CAPACITOR, CERAMIC 10 pF, ±20%, 50V C5 | | 1 | | | | | | | |
| | | A 1083 4943 | C2, C6 | CAPACITOR, DISC, CERAMIC 5 pF, ±10% | | 2 | | | | | | | |
| | | A 1287 3907 | C3 | CAPACITOR, DISC, CERAMIC .05 μF, ±20%, 500V | | 1 | | | | | | | |
| | | 1269 5284 | A1269 5227 | CAPACITOR, CERAMIC 33 pF, ±20%, 50 V | | 1 | | | | | | | |
| | | | C4 | | | | | | | | | | |
| | | 1296 9168 | B1680 6663 | CAPACITOR, DISC 220 pF, ±10%, 500 V | | 1 | | | | | | | |
| | | | C7 | | | | | | | | | | |
| | | 1269 5318 | A1269 5227 | CAPACITOR, CERAMIC 56 pF, ±20%, 50 V | | 1 | | | | | | | |
| | | | C8 | | | | | | | | | | |
| | | 1676 9549 | A1676 9507 | CAPACITOR, CERAMIC, DIELECTRIC .1μF, +80% -20%, 50V | | 2 | | | | | | | |
| | | | C9, C22 | | | | | | | | | | |
| | | 1691 1257 | B1694 5180 | CAPACITOR, TANTALUM 4.7 μF ±20%, 35 V | | 2 | | | | | | | |
| | | | C10, C12 | | | | | | | | | | |
| | | 1296 9259 | B1680 6663 | CAPACITOR, DISC, CERAMIC .001 μF ±10% 500V | | 1 | | | | | | | |
| | | | | | | | | | | | | | |
| | | 1760 6963 | A1760 5809 | CAPACITOR, FIXED, ELECTROLYTIC TANTALUM 4.7 μF, ±20%, 50 V | | 1 | | | | | | | |
| | | | C13 | | | | | | | | | | |

Burroughs Corporation
ELECTRONIC COMPONENTS DIVISION
PLA NFIELD, NEW JERSEY 0706 U S AMERICA

CLASS CODE USGN

DWG NO 2555 5467

SHEET 4 OF 6

ECD-263-3

| PARTS LIST | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-----------|-----------------------------------|--|-----------|------------------------------|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| TITLE P.W. BOARD ASSEMBLY, DRIVER | | | | | | | | | | | | | | | | | | | | |
| PRODUCT PART NO. | | TITLE OF PRODUCT PART NO DOCUMENT | | | QTY. REQ'D FOR ONE NEXT ASSY | | | | | | | | | | | | | | | |
| ITEM | PART NO | REF NO | DESCRIPTION | COLUMN NO | | | | | | | | | | | | | | | | |
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | |
| | 1701 0059 | A1700 9861 | CAPACITOR, FIXED, CERAMIC, DIELECTRIC .005 μ F, \pm 10%, 100 V | | 2 | | | | | | | | | | | | | | | |
| A | 1691 5159 | C16 | CAPACITOR, MOLDED TANTALUM 10 μ F, 50 V | | 1 | | | | | | | | | | | | | | | |
| | 1100 9479 | A1100 9453 | CAPACITOR, CERAMIC .02 μ F, \pm 10%, 100 V | | | 2 | | | | | | | | | | | | | | |
| | 1691 1851 | B1696 1906 | CAPACITOR, TANTALUM, SINTERED ANODE 390 μ F, \pm 20%, 10 V | | 1 | | | | | | | | | | | | | | | |
| | 1269 5375 | A1269 5227 | CAPACITOR, CERAMIC 180 pF, \pm 20%, 50 V | | 1 | | | | | | | | | | | | | | | |
| A | 1693 9373 | C21 | CAPACITOR, CERAMIC .22 μ F, \pm 20%, 200 V | | 1 | | | | | | | | | | | | | | | |
| A | 1627 0175 | CR1-CR4, CR6 CR8-CR10 | DIODE, SILICON, SIGNAL, TYPE 71 | | 8 | | | | | | | | | | | | | | | |
| A | 1627 1561 | CR5, CR7 | DIODE, SILICON, ZENER, TYPE B-056 | | 2 | | | | | | | | | | | | | | | |
| | 1627 2031 | B1627 1942 | DIODE, ZENER, TYPE IM120ZSS | | 8 | | | | | | | | | | | | | | | |
| A | 1627 1843 | CR12-CR14 | DIODE, TYPE 79 | | 3 | | | | | | | | | | | | | | | |
| | 1627 2130 | B1627 1942 | DIODE, ZENER, TYPE 4162A | | 1 | | | | | | | | | | | | | | | |
| A | 1627 0092 | Q1 | TRANSISTOR, TYPE EB | | 1 | | | | | | | | | | | | | | | |
| A | 1627 2619 | Q2, Q3 | TRANSISTOR, TYPE FK | | 2 | | | | | | | | | | | | | | | |
| A | 1627 2767 | Q4 | TRANSISTOR, TYPE B876 | | 1 | | | | | | | | | | | | | | | |
| A | 1627 2056 | Q5 | TRANSISTOR, TYPE FG | | 1 | | | | | | | | | | | | | | | |
| | 2552 3390 | C2552 3382 | MOUNTING SOCKET (14 PIN) | | 2 | | | | | | | | | | | | | | | |
| | 2555 2837 | C2552 3382 | MOUNTING SOCKET (18 PIN) | | 9 | | | | | | | | | | | | | | | |

Burroughs Corporation
ELECTRONIC COMPONENTS DIVISION
PLA NFIELD, NEW JERSEY 0706 U S AMERICA

CLASS CODE DSGN
APPROVAL

FORM FIT FUNCTION DATE
DATE
REV A

DRAWN DATE
2555 5467

SHEET 5 OF 6

ECD-263-3

| PARTS LIST | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-------------|-----------------------------------|-------------------------------------|-----------|------------------------------|----|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| TITLE P.W. BOARD ASSEMBLY, DRIVER | | | | | | | | | | | | | | | | | | | | |
| PRODUCT PART NO. | | TITLE OF PRODUCT PART NO DOCUMENT | | | QTY. REQ'D FOR ONE NEXT ASSY | | | | | | | | | | | | | | | |
| ITEM | PART NO | REF NO | DESCRIPTION | COLUMN NO | | | | | | | | | | | | | | | | |
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | |
| 2 | 1694 0355 | B1693 7914 | PIN, SPRING | | 2 | | | | | | | | | | | | | | | |
| 3 | A 1690 3916 | | RECEPTABLE | | | 10 | | | | | | | | | | | | | | |
| 4 | B 1696 4850 | | PIN, FORMED | | 4 | | | | | | | | | | | | | | | |
| | C 2556 1093 | PI | CONNECTOR (MODIFIED) | | 1 | | | | | | | | | | | | | | | |
| | A 1287 2016 | | SOLDER, BAR 63/37 | | AR | | | | | | | | | | | | | | | |
| | A 1287 2180 | | FLUX | | AR | | | | | | | | | | | | | | | |
| 5 | B 1694 6931 | | LABEL, IDENTIFICATION (ASSEMBLY) | | 1 | | | | | | | | | | | | | | | |
| | A 1627 7030 | | 1B31 HUMISEAL PROTECTIVE COATING | | AR | | | | | | | | | | | | | | | |
| | B 1694 6949 | | ARTWORK, IDENTIFICATION, LABEL | | REF | | | | | | | | | | | | | | | |
| | B 2555 5491 | | ARTWORK, PW BOARD (CY) PATTERN COPY | | REF | | | | | | | | | | | | | | | |
| | D 2555 5509 | | SCHEMATIC | | REF | | | | | | | | | | | | | | | |

Burroughs Corporation
ELECTRONIC COMPONENTS DIVISION
PLA NFIELD, NEW JERSEY 0706 U S AMERICA

CLASS CODE DSGN
APPROVAL

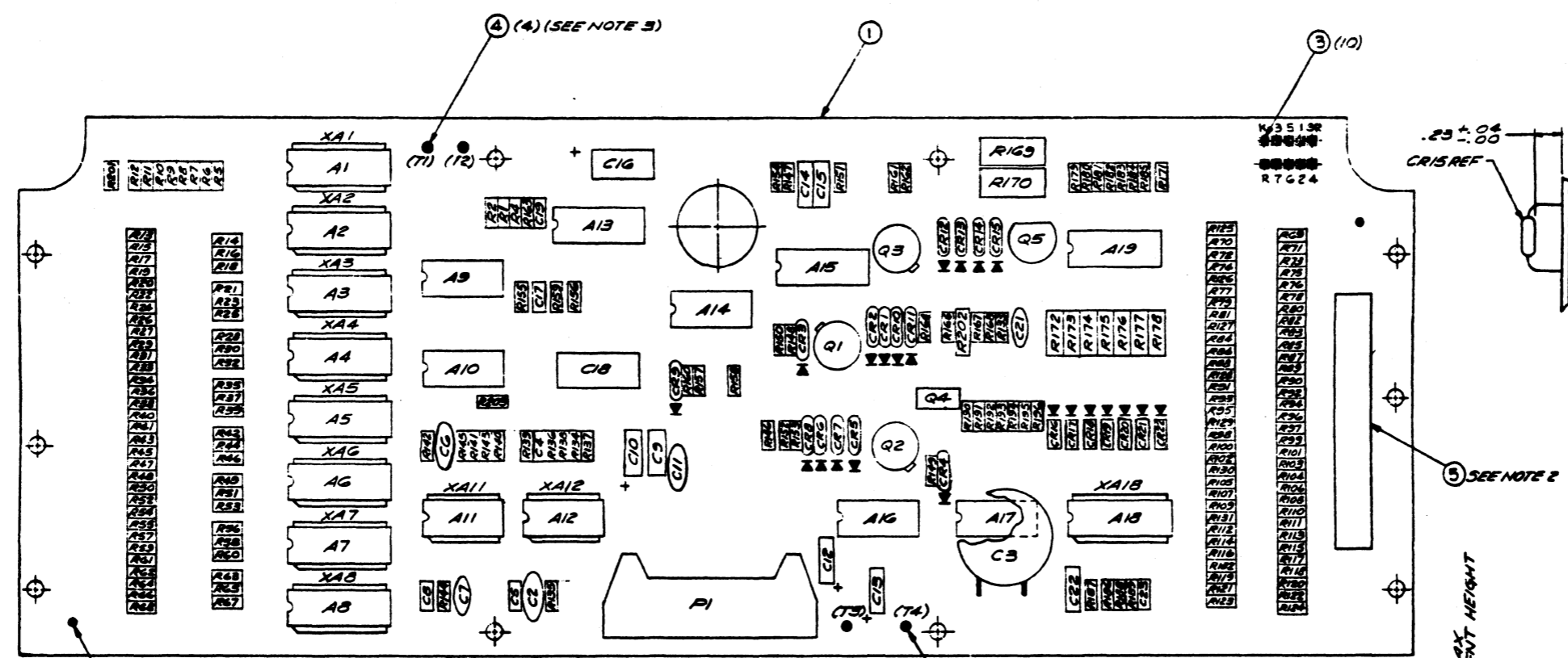
FORM FIT FUNCTION DATE
DATE
REV D

DRAWN DATE
2555 5467

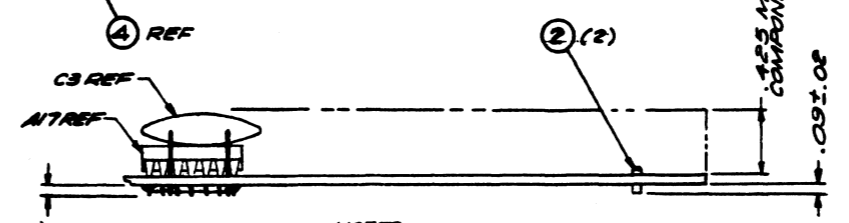
SHEET 6 OF 6

ECD-263-3

CARTINAIT



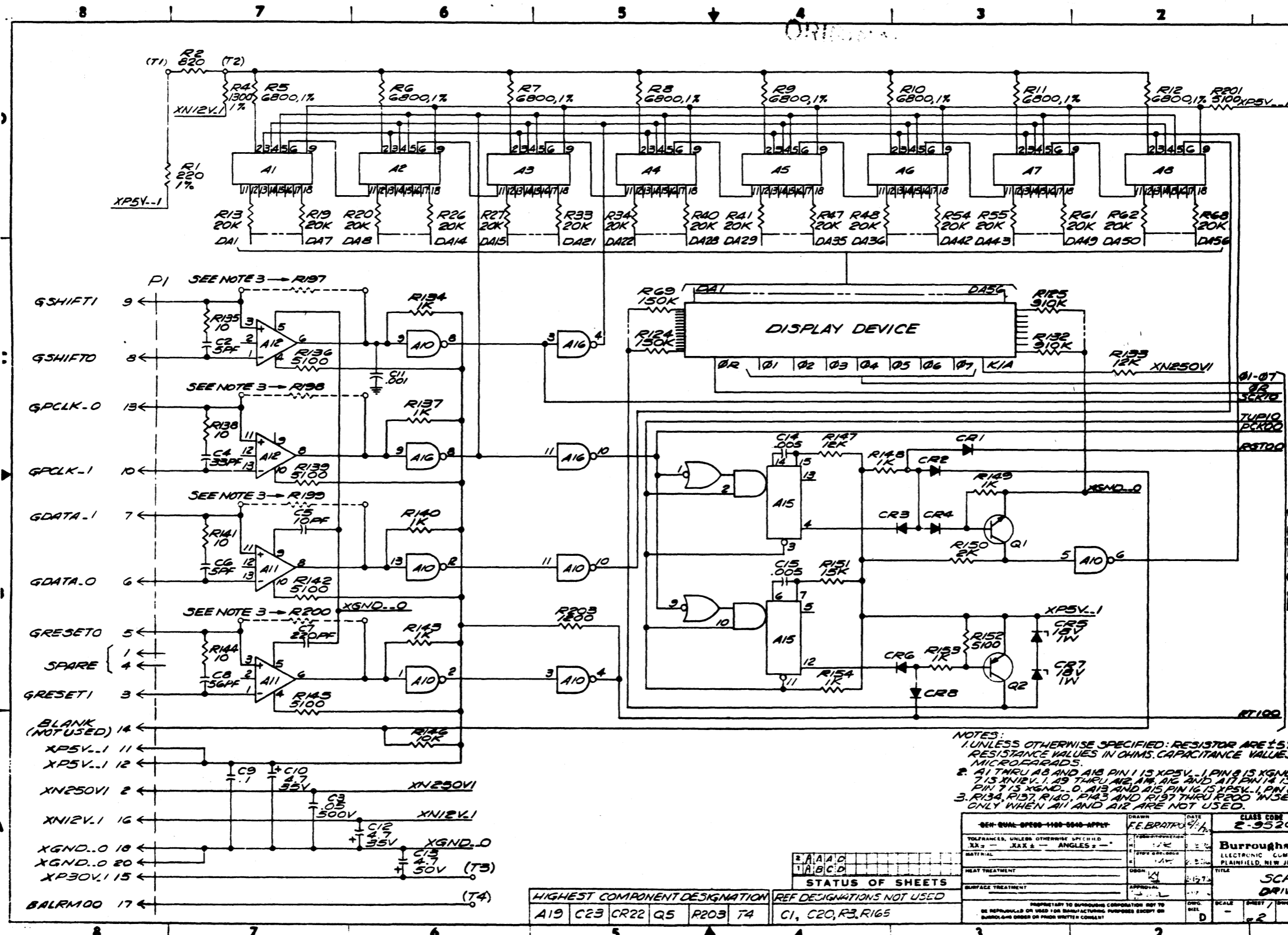
| | | |
|-----|----------|---|
| REV | DATE | DESCRIPTION |
| A | 12-16-76 | ECN # 5564 R197, A198, R199 P200 & C1 DELETED |
| B | 12-16-76 | Q1 ROTATED 180° Q3 CHANGED AWV MVT 12-16-76 |
| C | 12-16-76 | ECN # 5784 NOTE 4 & C11 ADDED |
| D | 5-27-77 | AWV MVT 12-13-76 12-16-76 ECN # 5792 C8 HAS TO-18 |
| E | 11-16-77 | ECN # 6032 NOTE 5 ADDED R185 DELETED |
| F | 1-6-78 | AWV MVT 11-15-77 11-16-77 ECN # 6086 NOTE 4 DELETED C11 REMOVED FROM SOLDER SIDE, RELOCATED ON COMPONENT SIDE. |



- NOTES:
1. FOR PARTS LIST SEE 2555 5467.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. LOCATE PINS (ITEM 4) AND SOLDER IN PLACE.
 5. APPLY 1831 HUMISEAL PROTECTIVE COATING TO PC BOARD (2555 5483 REV C ONLY) WITH COMPONENTS MOUNTED.

REF DESIGNATIONS NOT USED
C1, C20, R3, R165,
R197-R200

| | | | | |
|---|--|---------|-------------------------------------|------------------|
| GEN QUAL SPECS 1183 5543 APPLY | | DATE | CLASS CODE | DO NOT SCALE DWG |
| DRAWN BRATRO | | 2/19/76 | 2-7045 | |
| TOLERANCES, UNLESS OTHERWISE SPECIFIED XX ± — XX ± — ANGLES ± — ° | | DATE | Burroughs Corporation | |
| MATERIAL | | DATE | ELECTRONIC COMPONENTS DIVISION | |
| HEAT TREATMENT | | DATE | PLAINFIELD, NEW JERSEY 07061 U.S.A. | |
| SURFACE TREATMENT | | DATE | TITLE | |
| APPROVAL | | DATE | PW BOARD ASSEMBLY, DRIVER | |
| REPRODUCED BY BURROUGHS CORPORATION NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDERS OR PRIOR WRITTEN CONSENT | | TYPE | SCALE | SHEET / |
| | | D | 2 | 1 |
| | | | | 2555 5475 |



| REVISIONS | |
|-----------|------------------|
| A | REVISION 1 |
| B | ECN #5564 |
| C | ZONE 7C DERIVED |
| D | ECN #5708 |
| E | ZONE 6C CHANGED |
| F | ZONE 7D R8 WAS |
| G | 1800A |
| H | ANY MVT |
| I | 12-16-76 |
| J | ANY MVT |
| K | 12-16-76 |
| L | ECN #6038 |
| M | R165 ADDED TO |
| N | REF DESIGNATIONS |
| O | NOT USED |
| P | ANY |
| Q | 11-16-77 |
| R | 11-16-77 |

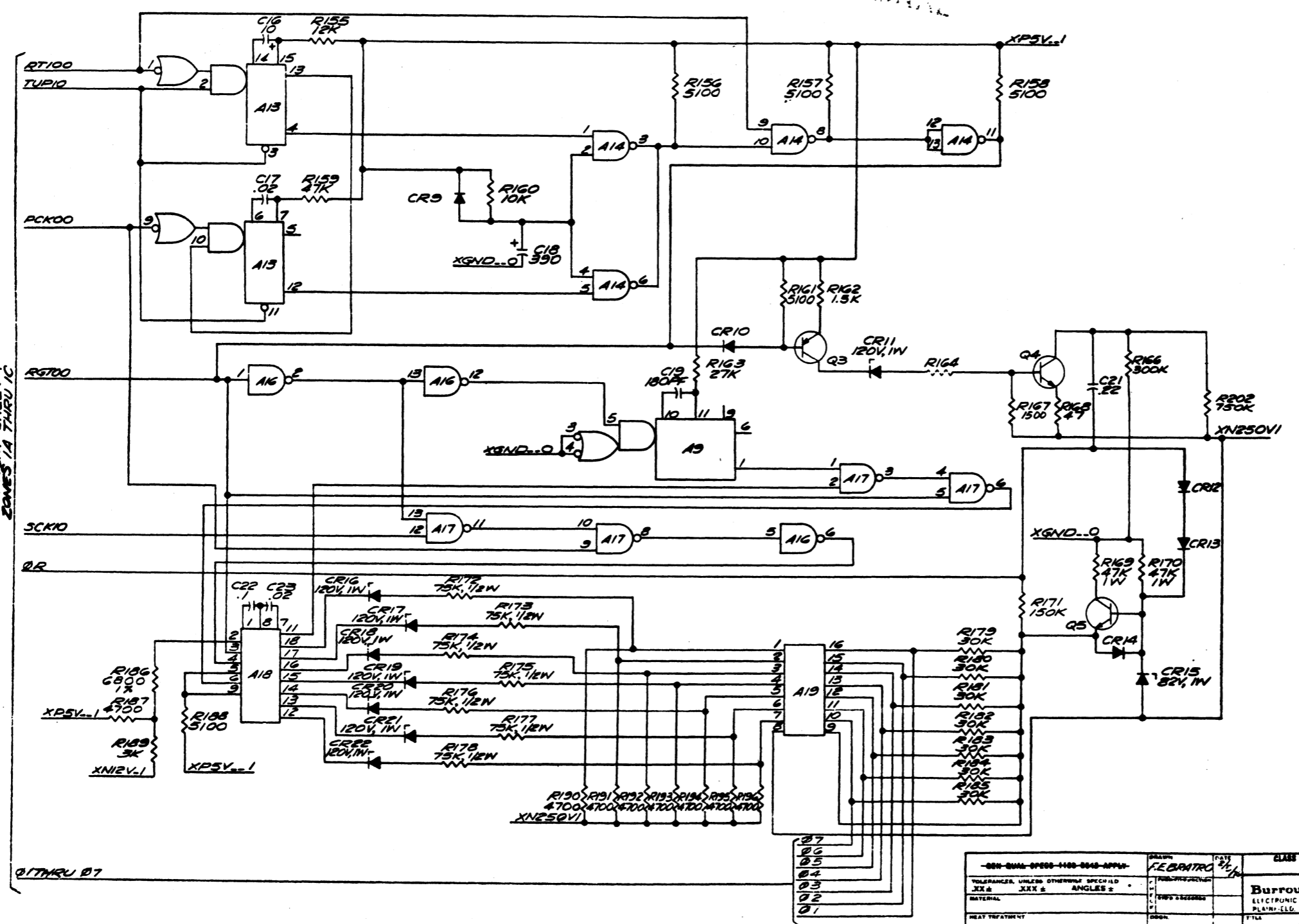
NOTES:
 1. UNLESS OTHERWISE SPECIFIED: RESISTORS ARE $\pm 5\%$, $1/4W$. RESISTANCE VALUES IN OHMS, CAPACITANCE VALUES IN MICROFARADS.
 2. A1 THRU A8 AND A16 PIN 1 IS XPSV-1, PIN 9 IS XGND-0, PIN 13 IS XN250V1, A9 THRU A16 AND A17 PIN 14 IS XPSV-1, PIN 7 IS XGND-0, A15 AND A16 PIN 16 IS XPSV-1, PIN 8 IS XGND-0.
 3. R134, R137, R140, R143 AND R157 THRU R160 INSERTED ONLY WHEN A11 AND A12 ARE NOT USED.

| HIGHEST COMPONENT DESIGNATION | REF DESIGNATIONS NOT USED |
|-------------------------------|---------------------------|
| A19 C23 CR22 Q5 R203 T4 | C1, C20, R3, R165 |

| | | | |
|--|-------------|-------------------------------------|------------------|
| GEN. QUAL. SPEC. 1100-0000-APPLY | DATE | CLASS CODE | DO NOT SCALE DWG |
| TOLERANCES, UNLESS OTHERWISE SPECIFIED: XX = ANGLES = | 11/17/77 | 2-9520 | |
| MATERIAL | DESIGNED BY | Burrhoughs Corporation | |
| HEAT TREATMENT | DATE | ELECTRONIC COMPONENTS DIVISION | |
| SURFACE TREATMENT | 11/17/77 | PLAINFIELD, NEW JERSEY 07061 U.S.A. | |
| STATUS OF SHEETS | | TITLE | |
| SCHEMATIC | | DRIVER BOARD | |
| DWC. SCALE | | DWG NO. | |
| D | | 2555 5509 | |

TO SHEET 2
ZONES GA THRU GD

FROM SHEET 1
DOWNS 1A THRU 1C



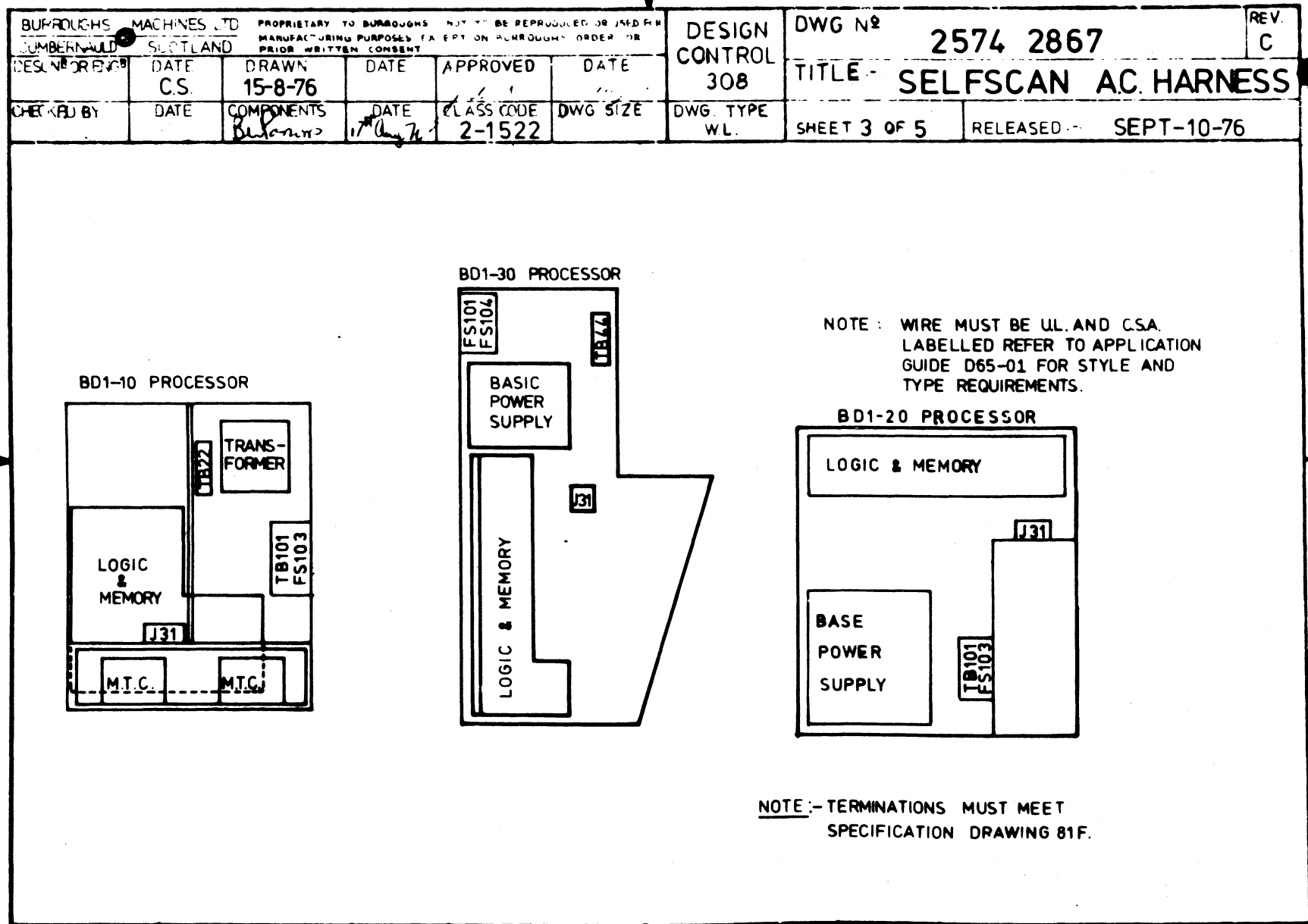
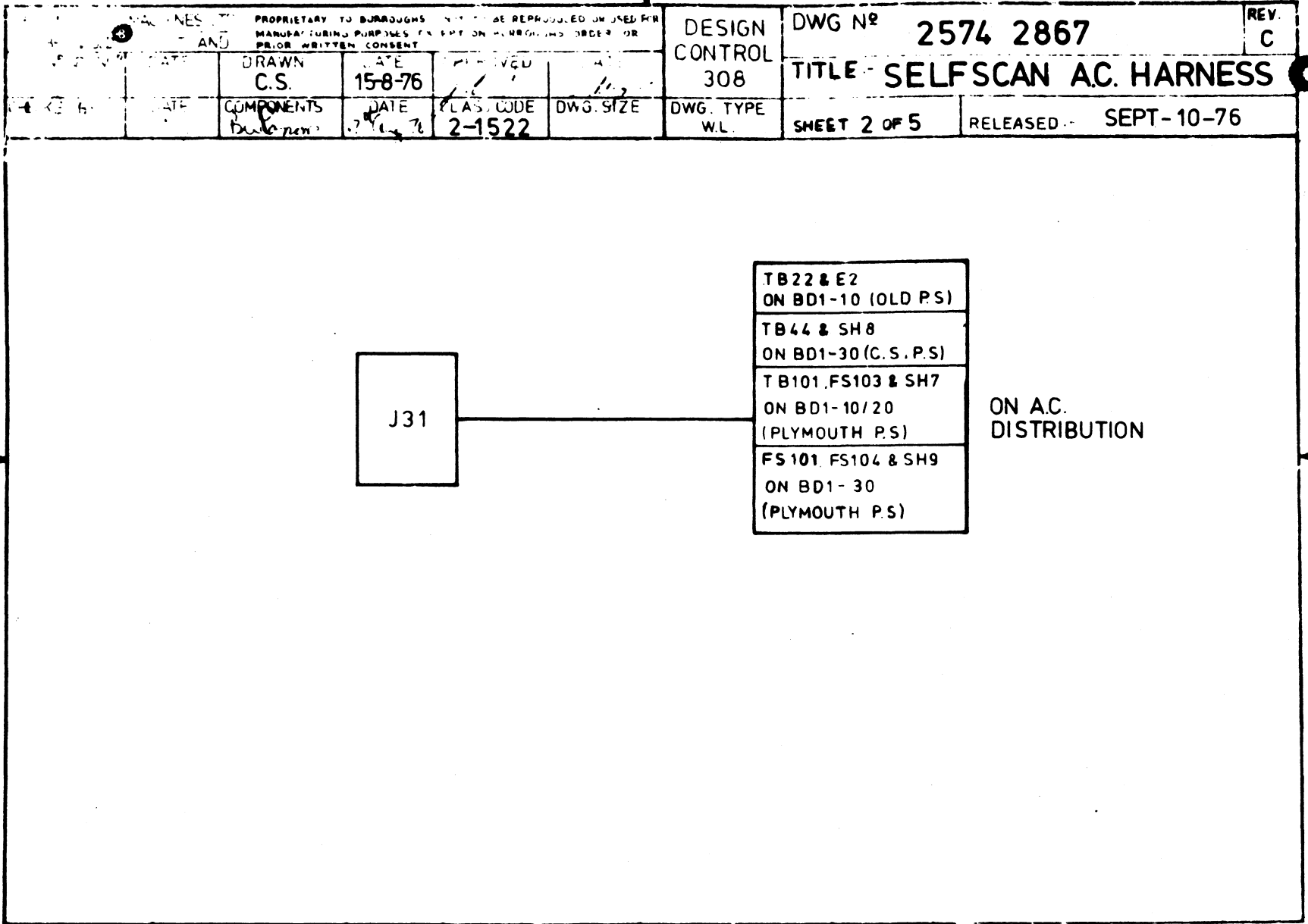
Q1 THRU Q7

| REV | REVISION |
|-----|---------------------|
| A | REWORK FEB 1 5 1976 |
| B | ECN # 2032 |
| C | R168 DELETED |
| D | R168 HAS 18K |
| E | R162 HAS 810 |
| F | R167 HAS 810 |
| G | R168 HAS 100K |
| H | R168 HAS 180K |
| I | 1/4 WATT |
| J | AWV |
| K | 11-15-77 |
| L | 11-16-77 |

| | | | |
|---|--------------------|--|------------------|
| DESIGN: 2555 5509 | DATE: 1/14/77 | CLASS: 0001 | DO NOT SCALE DWS |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED XXX ± ANGLES 2° | DESIGNER: JEB/ATRO | Burroughs Corporation ELECTRONIC COMPONENT DIVISION PLANT-ELD, NEW JERSEY 07002 U.S.A. | |
| MATERIAL: | APPROVAL: | SCHEMATIC DRIVER BOARD | |
| HEAT TREATMENT: | DATE: 1/14/77 | SCALE: 1:1 | SHEET 2 OF 2 |
| REWORK BY: 1/14/77 | DATE: 1/14/77 | SCALE: 1:1 | 2555 5509 |

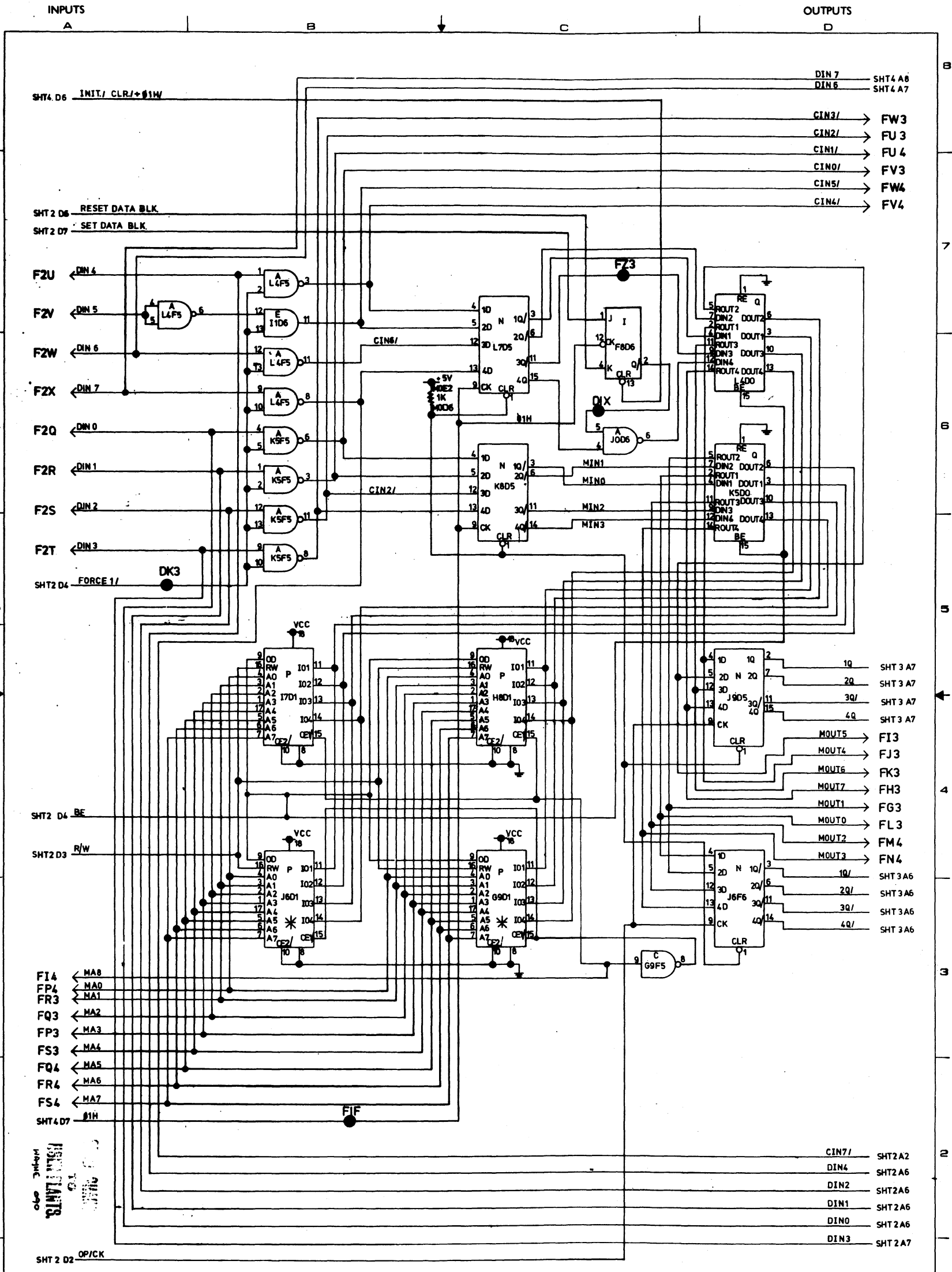
8 7 6 5 4 4 3 2 1

| | | | | | | | | | | | | |
|---------------|------|--------------|---------|--|-----------|-----------|------|-----------------------|------------------------------|-----------|------|---|
| BUPROUGHS | | MAC INES LTD | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL | DWG No. | 2574 2867 | REV. | C |
| CUMBERNAULD | | SCOTLAND | | DRAWN | DATE | APPROVED | DATE | 308 | TITLE:- SELFSCAN AC. HARNESS | | | |
| DESIGN OR ENG | DATE | C.S. | 15-8-76 | | | | | | | | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE | DWG. SIZE | DWG. TYPE | W.L. | SHEET 1 OF 5 | RELEASED:- SEPT-10-76 | | | |
| | | | | | | | | ECN 00134 | | | | |
| | | | | | | | | ECN 00534 | | | | |
| | | | | | | | | C.B JAN.27.77 | | | | |
| | | | | | | | | SHEET 4 ALTERED | | | | |
| | | | | | | | | ECN 01220 | | | | |
| | | | | | | | | A.R OCT. 7.77 | | | | |
| | | | | | | | | SHTS. 2,3 & 4 ALTERED | | | | |
| | | | | | | | | SHT. 5 ADDED | | | | |



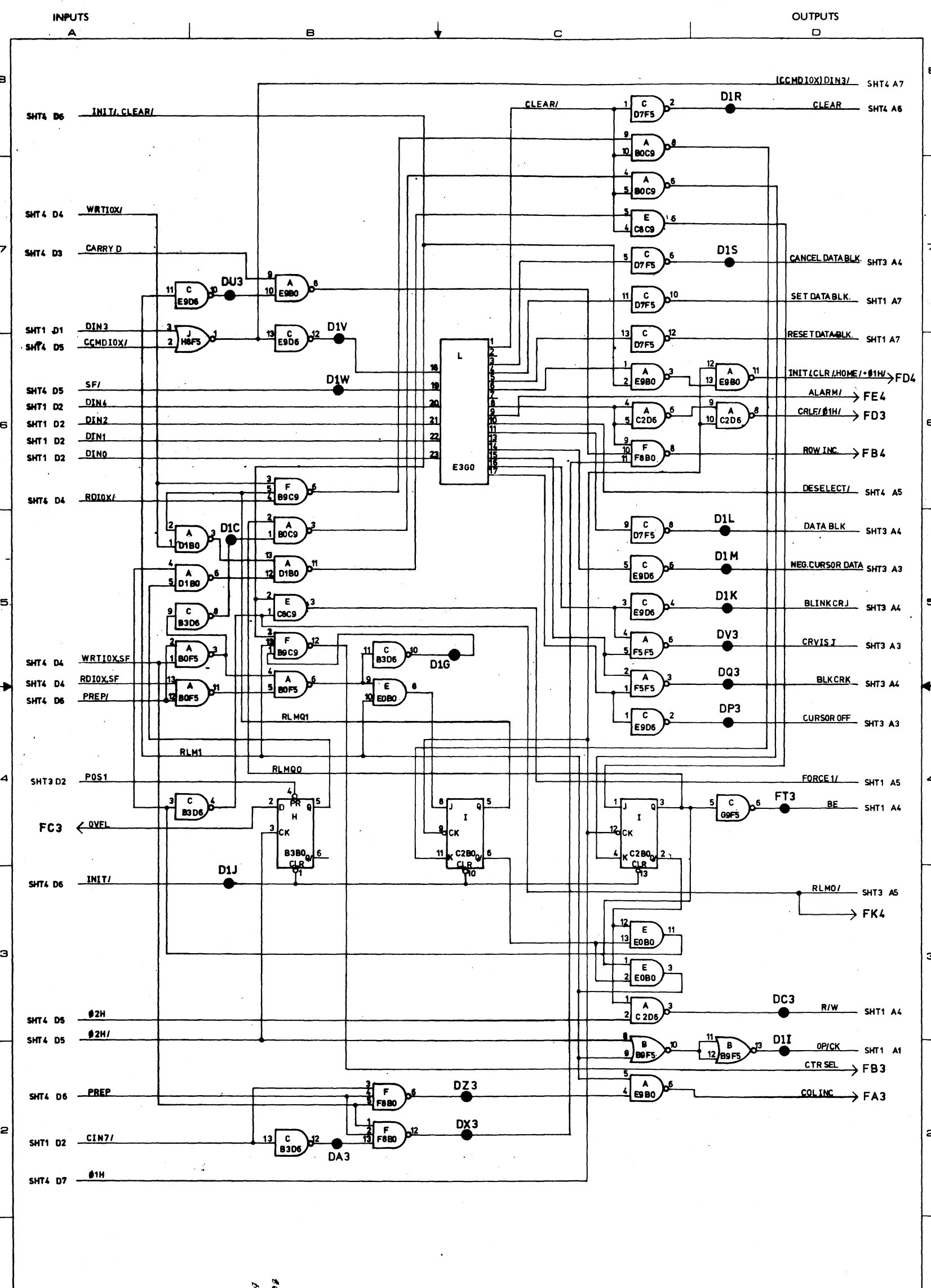
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | | | | | DESIGN CONTROL 308 | | DWG NO. 2574 2867 | | REV. C |
|--|-------------------|------------------------------|-------------------|------------------------|-------------------|-------------------------------|-----------|-------------------|--|-----------------------|
| DESIGN OR ENG | DATE C.S. | DRAWN 15-8-76 | DATE | APPROVED <i>JWS</i> | DATE 16 Aug 76 | TITLE - SELFSCAN A.C. HARNESS | | SHEET 4 OF 5 | | RELEASED - SEPT-10-76 |
| CHECKED BY <i>J.C.</i> | DATE 16 Aug 76 | COMPONENTS <i>Bullock</i> | DATE 17 Aug 76 | CLASS CODE 2-1522 | DWG. SIZE | DWG. TYPE WL. | | | | |
| SIGNAL NAME | FROM | | | TO | | | WIRE | | | |
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | | | | |
| BD1-10 CONNECTIONS (WITH OLD P.S.U) | | | | | | | | | | |
| LINE | 1471 9900 | J3-H | 1472 0726 | NONE | TB22-B3X | 1471 9892 | | | | |
| NEUT | " " | -K | " " | " | -A2X | " " | 2574 2719 | | | |
| GND | " " | -R | " " | " | E 2 | 3000 0798 1321 9159 | | | | |
| SCREEN | — | — | NO CONNECTION | " | | | | | | |
| BD1-30 CONNECTIONS (WITH CORAL SPRINGS P.S.U) | | | | | | | | | | |
| LINE | 1471 9900 | J3-H | 1472 0726 | " | TB44-A7X | 1471 9892 | | | | |
| NEUT | " " | -K | " " | " | -A2Y | " " | 2574 2719 | | | |
| GND | " " | -R | " " | " | SH8 | 3000 0798 1321 9159 | | | | |
| SCREEN | — | — | — | " | | | | | | |

| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | | | | | DESIGN CONTROL 308 | | DWG NO. 2574 2867 | | REV. C |
|---|-------------------|------------------------------|-------------------|------------------------|-------------------|-------------------------------|-----------|-------------------|--|-----------------------|
| DESIGN OR ENG | DATE C.S. | DRAWN 15-8-76 | DATE | APPROVED <i>JWS</i> | DATE 16 Aug 76 | TITLE - SELFSCAN A.C. HARNESS | | SHEET 5 OF 5 | | RELEASED - SEPT-10-76 |
| CHECKED BY <i>J.C.</i> | DATE 16 Aug 76 | COMPONENTS <i>Bullock</i> | DATE 17 Aug 76 | CLASS CODE 2-1522 | DWG. SIZE | DWG. TYPE WL. | | | | |
| SIGNAL NAME | FROM | | | TO | | | WIRE | | | |
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | | | | |
| BD1-10 CONNECTIONS (WITH PLYMOUTH P.S.U) | | | | | | | | | | |
| LINE | 1471 9900 | J3-H | 1472 0726 | NONE | FS103-1X | 1471 9892 | | | | |
| NEUT | " " | -K | " " | " | TB101-B6Y | " " | 2574 2719 | | | |
| GND | " " | -R | " " | " | SH7 | 3000 0798 1321 9159 | | | | |
| SCREEN | — | — | NO CONNECTION | " | | | | | | |
| BD1-20 CONNECTIONS (WITH PLYMOUTH P.S.U) | | | | | | | | | | |
| LINE | | J3-H | 1472 0726 | " | FS103-2X | 1471 9892 | | | | |
| NEUT | | -K | " | " | TB101-B4Y | " " | 2574 2719 | | | |
| GND | | -R | " | " | SH7 | 3000 0798 1321 9159 | | | | |
| SCREEN | | — | — | " | | | | | | |
| BD1-30 CONNECTIONS (WITH PLYMOUTH P.S.U) | | | | | | | | | | |
| LINE | | J3-H | 1472 0726 | " | FS104-1X | 1471 9892 | | | | |
| NEUT | | -K | " | " | FS101-2Y | " " | 2574 2719 | | | |
| GND | | -R | " | " | SH9 | 3000 0798 1321 9159 | | | | |
| SCREEN | | — | — | " | | | | | | |

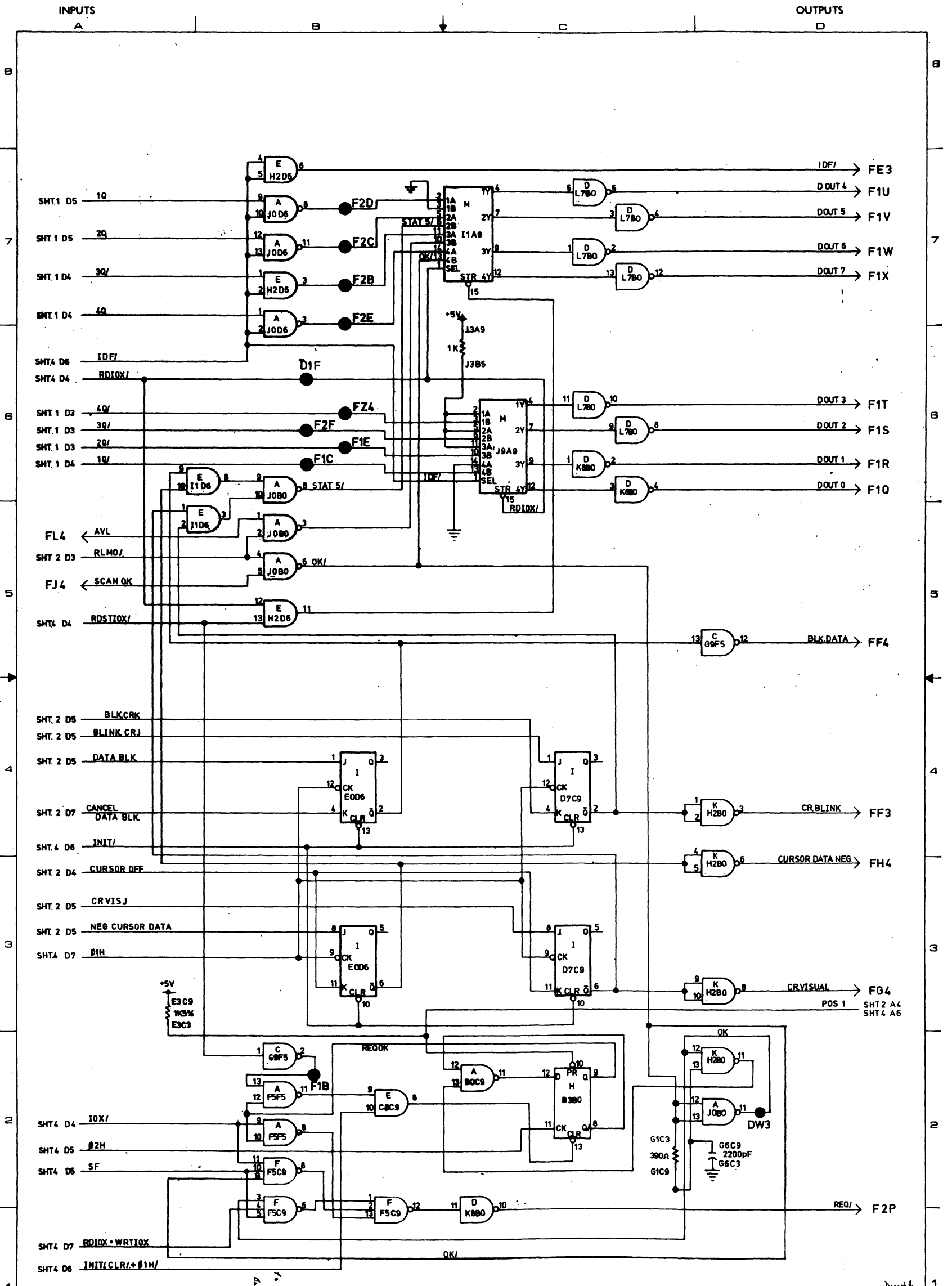


NOTE: * CHIPS ONLY FOR 12X40

| | | | | | | | | | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------|---|---|---|---|--|--------------------------|-----------------------|
| 2797 0318 1 of 4 | ECN 00872 23 JUN 2007 B | ECN 01334 23 JUN 2007 B | ECN 01334 23 JUN 2007 C | RELEASED NOV 30 1976 MADE IN DATE ER 00522 ECN 00872 23 JUN 2007 B | BURROUGHS SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CLUMBERNAULD, SCOTLAND, U.K. | DESIGNED CONTROL 308 DATE 28 SEP 76 APPROVED DATE 28 SEP 76 ENG. COMP. DATE 28 SEP 76 | TITLE SCHEMATIC - SELF SCAN CONTROLLER 'A' (PD6) | DRAWN HLN/JTH DATE 28 SEP 76 CHECKED DATE 28 SEP 76 DRG. SIZE A1 CLUB CODE 2-9520 | DRAWING No. 2797 0318 | REV. C PAGE 1 of 4 |
|---------------------|-------------------------------|-------------------------------|-------------------------------|---|---|---|---|--|--------------------------|-----------------------|



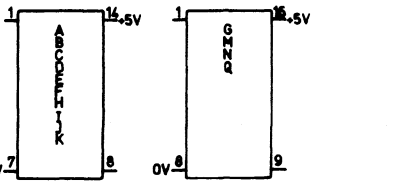
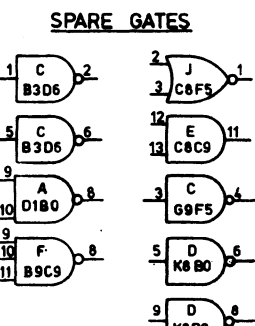
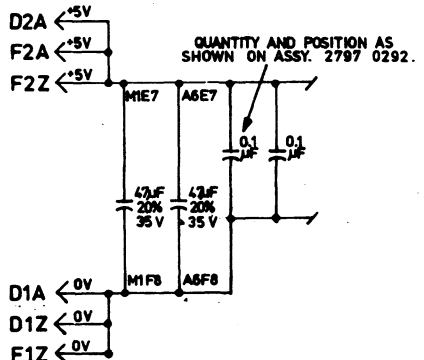
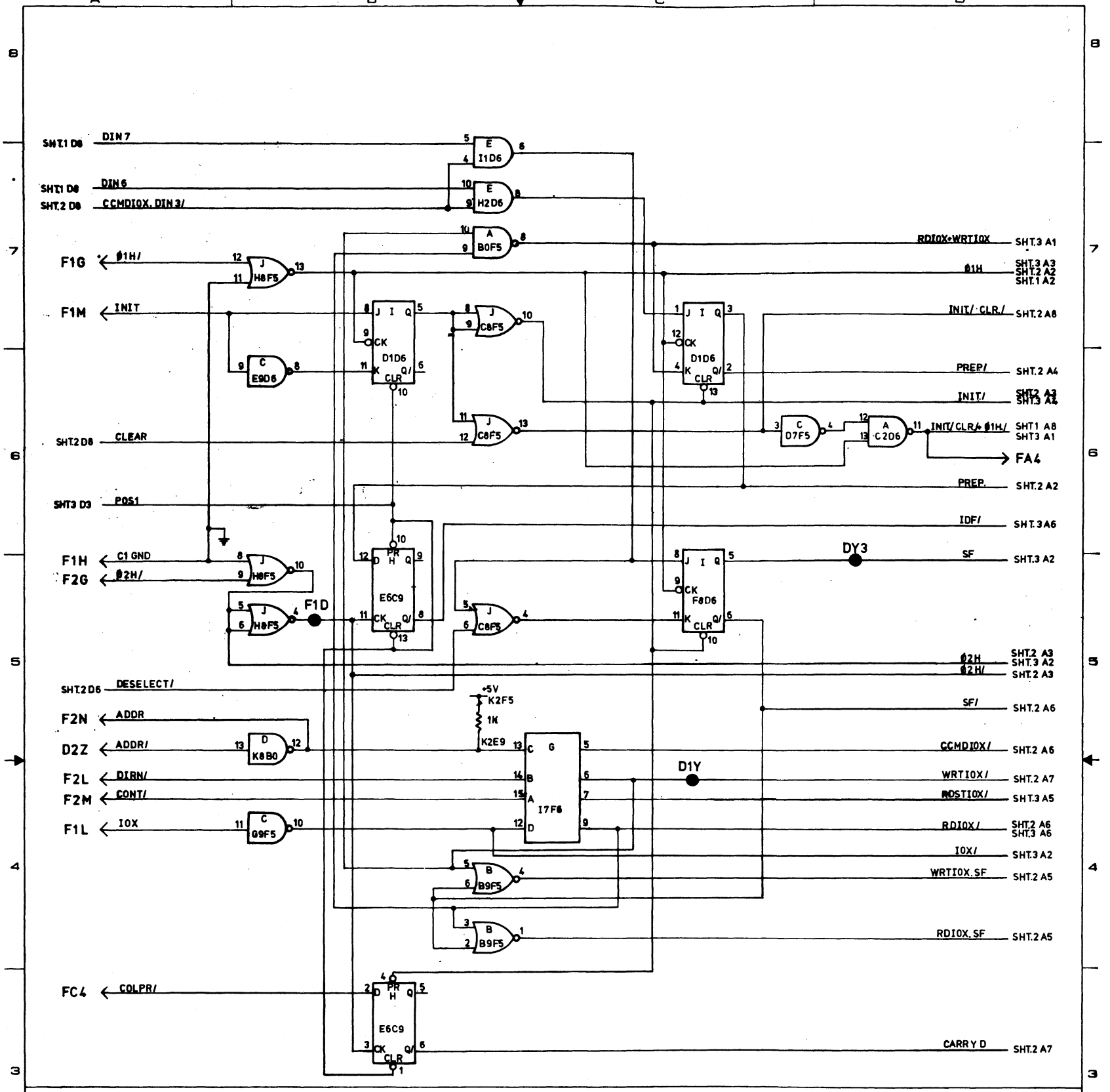
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|--|-----|-----------|---|---|-----------|-----------------|-----|--------|
| DRAWING No. 2797 0318 PAGE 2 of 4 | REV | DATE | BY | CHKD | DATE | CLASS CODE | REV | PAGE |
| | 134 | SEP 24 76 | B | B | SEP 24 76 | 2-9520 | C | 2 of 4 |
| | 133 | SEP 24 76 | B | B | SEP 24 76 | | | |
| | 132 | SEP 24 76 | B | B | SEP 24 76 | | | |
| Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | | | DESIGN CONTROL 308 TITLE SCHEMATIC - SELF SCAN CONTROLLER 'A' (PD6) | | | | |
| PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | OSQW/ENGR B APPROVED 8 30 76 ENG. COMP DATE | | | | | |
| RELEASED NOV 30 1976 ER 10522 ECN 00872 2.4 MAR 207 B ECN 01336 134 SEP 24 76 C | | | DRAWN HCN/JTH DATE SEP 24 76 CHECKED B DATE SEP 24 76 DRG. SIZE A1 CLASS CODE 2-9520 | | | | | |
| | | | DRAWING No. 2797 0318 | | | REV C | | |



| | | | | | | | | | | | | | | | |
|--------------------------|--|--|--|---|--|---|--|---|--|---|--|---|--|--|--|
| DRAWING No. 2797 0318 | | REV. DATE A 05/22 B 23/MAY/77 C 12/1 SEP/77 | | RELEASED NOV 30/76 PAGE 1 of DATE REV. | | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | DSGN CONTROL 308 DATE 7/2/76 APPROVED ENG. COMP. DATE | | TITLE SCHEMATIC - SELF SCAN CONTROLLER 'A' (PD6) | | DRAWN HLN/JTH DATE 6/76 CHKD DATE 6/76 CLAS CODE 2-9520 | | DRAWING No. 2797 0318 REV C PAGE 3 of 4 | |
|--------------------------|--|--|--|---|--|---|--|---|--|---|--|---|--|--|--|

INPUTS

OUTPUTS



NOTES:
 1. FOR ASSY. SEE 2797 0292 REV.D
 2. CODES USED FOR COMPT PART N° AS FOLLOWS:

| | | |
|---|----------|-----------|
| A | SN 7400 | 1447 3516 |
| B | 7402 | 2600 4911 |
| C | 7404 | 1447 3532 |
| D | 7406 | 1674 4963 |
| E | 7408 | 1447 3524 |
| F | 7410 | 1447 3540 |
| G | 7442 | 1449 2581 |
| H | 7474 | 1447 3807 |
| I | 74107 | 1447 3615 |
| J | 74128 | 1269 6860 |
| K | 74132 | 2600 6726 |
| L | 74154 | 1535 7155 |
| M | 74157 | 1447 3797 |
| N | 74175 | 1449 1278 |
| P | 2564 RAM | 1847 5558 |
| Q | 8T26 | 1847 4882 |

| | | | | | | | | | | | | | |
|--------------------------|----------------|-----------|---------------------|----------------------|------------------------|---------------------|-------------------------|---------------------|-----------------------|---|------------------|-------------------|--------------------------|
| DRAWING NO. 2797 0318 | PAGE 4 of 4 | REV. C | DATE 23 JAN 2007 | ENGR. R. J. J. J. | CHECKED R. J. J. J. | DATE 23 JAN 2007 | APPROVED R. J. J. J. | DATE 23 JAN 2007 | DESIGN CONTROL 308 | TITLE SCHEMATIC - SELF SCAN CONTROLLER 'A' (PD6) | DRAWN HLN/JTH | DATE SEP 24 76 | DRAWING NO. 2797 0318 |
| | | | | | | | | | | | | | |

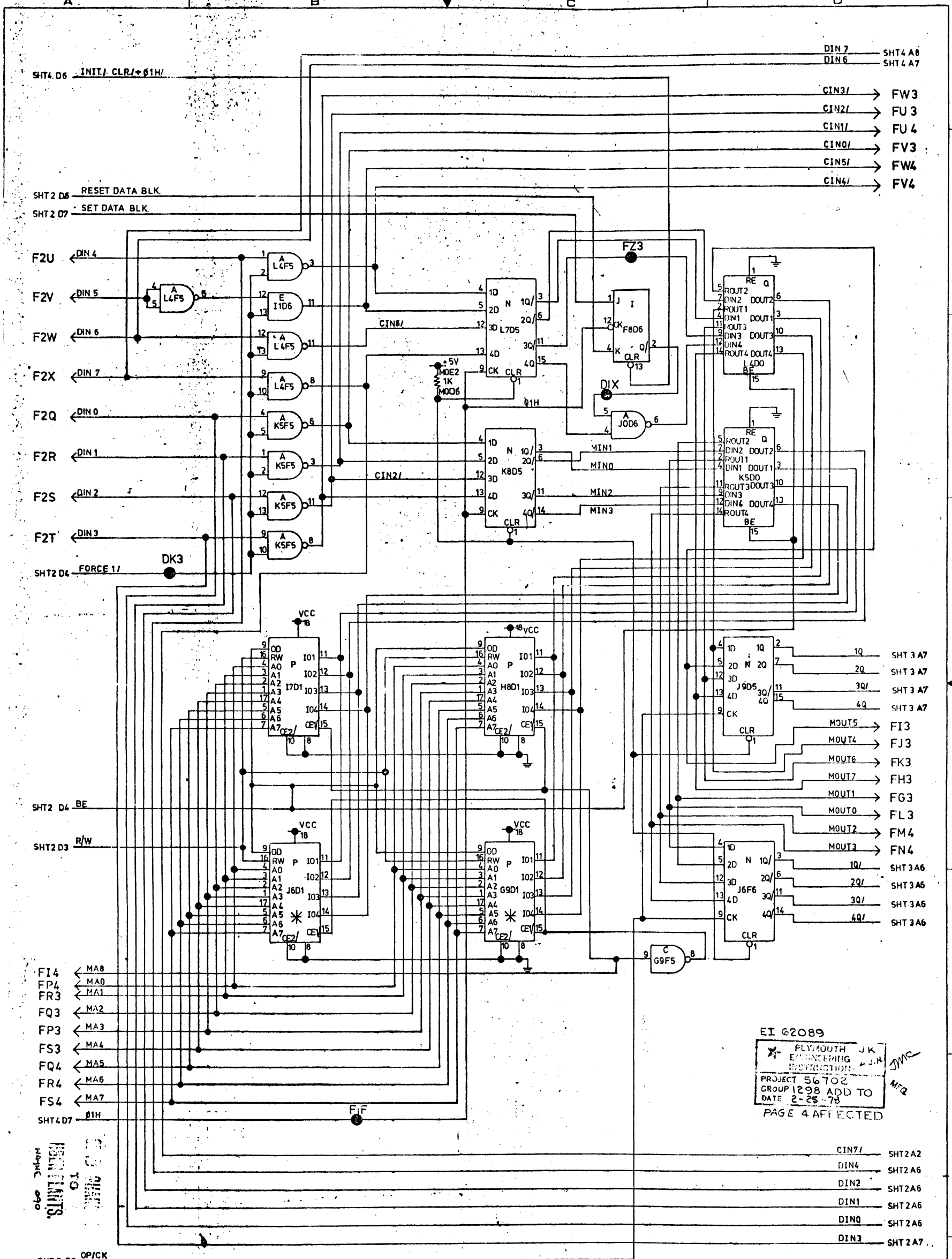


SMALL SYSTEMS DIVISION
 BURROUGHS MACHINES LIMITED
 CUMBERNAULD, SCOTLAND, U.K.

PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.

INPUTS

OUTPUTS



EI 62089
 * FLYINGOUTH JK
 ENGINEERING J.H.
 INSTRUCTION
 PROJECT 56702
 GROUP 1298 ADD TO
 DATE 2-25-78
 PAGE 4 AFFECTED

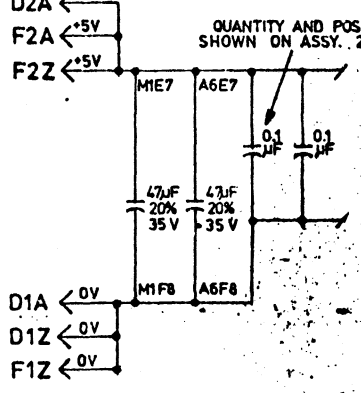
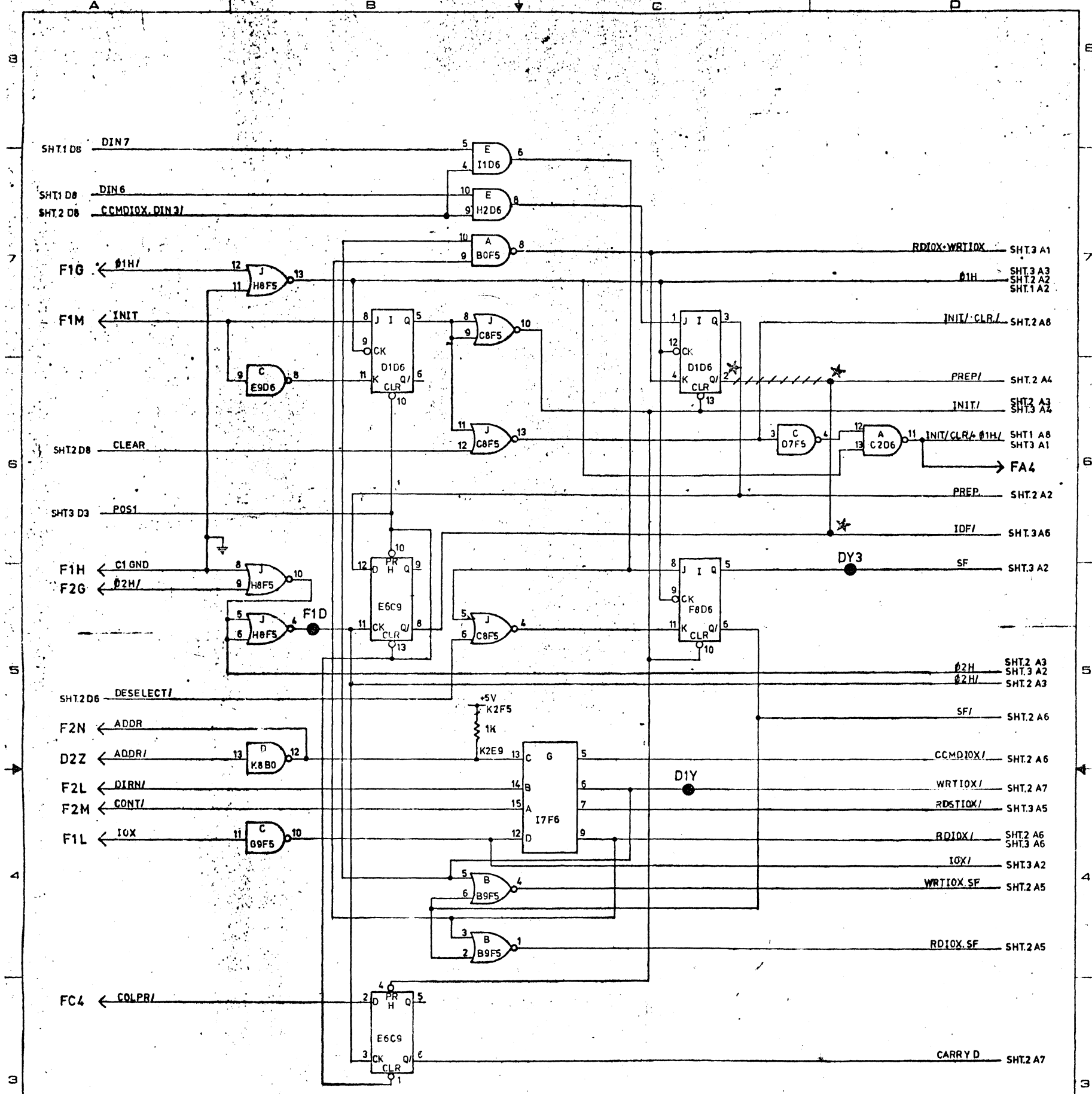
NOTE: * CHIPS ONLY FOR 12X40

| | | | | | | | | | | | | | | | |
|----------------|--------------------------|----------|---------------------|---------|--------------|-------------------|------------------|---------------------|------|--------------------------|----------------------|----------|----------------|--|---|
| PAGE 1 OF 2 | DRAWING NO. 2797 0318 | REV A | DATE 23 MAR 2077 | BY C | CHECKED B | DATE DEC 6 '76 | DRAWN HLN/JTH | DATE SEP 24 1976 | DUAL | DRAWING NO. 2797 0318 | CLASS CODE 2-9520 | REV C | PAGE 1 OF 4 | DSGN CONTROL 308 DSGN/ENGR R. H. L. APPROVED 2-3-76 ENG COMP A. H. L. | TITLE SCHEMATIC - SELF SCAN CONTROLLER 'A' (P06) |
| | | | | | | | | | | | | | | | |

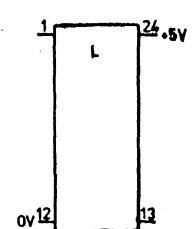
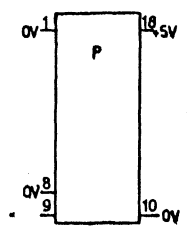
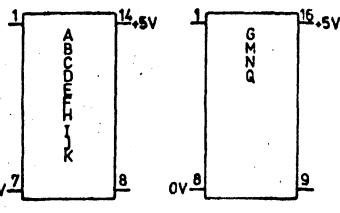
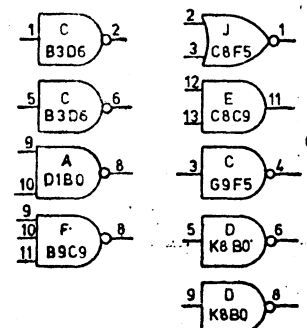
PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.

INPUTS

OUTPUTS



SPARE GATES



NOTES:
 1. FOR ASSY. SEE 2797 0292 REV.D
 2. CODES USED FOR COMPT PART N^o AS FOLLOWS:
 IC:

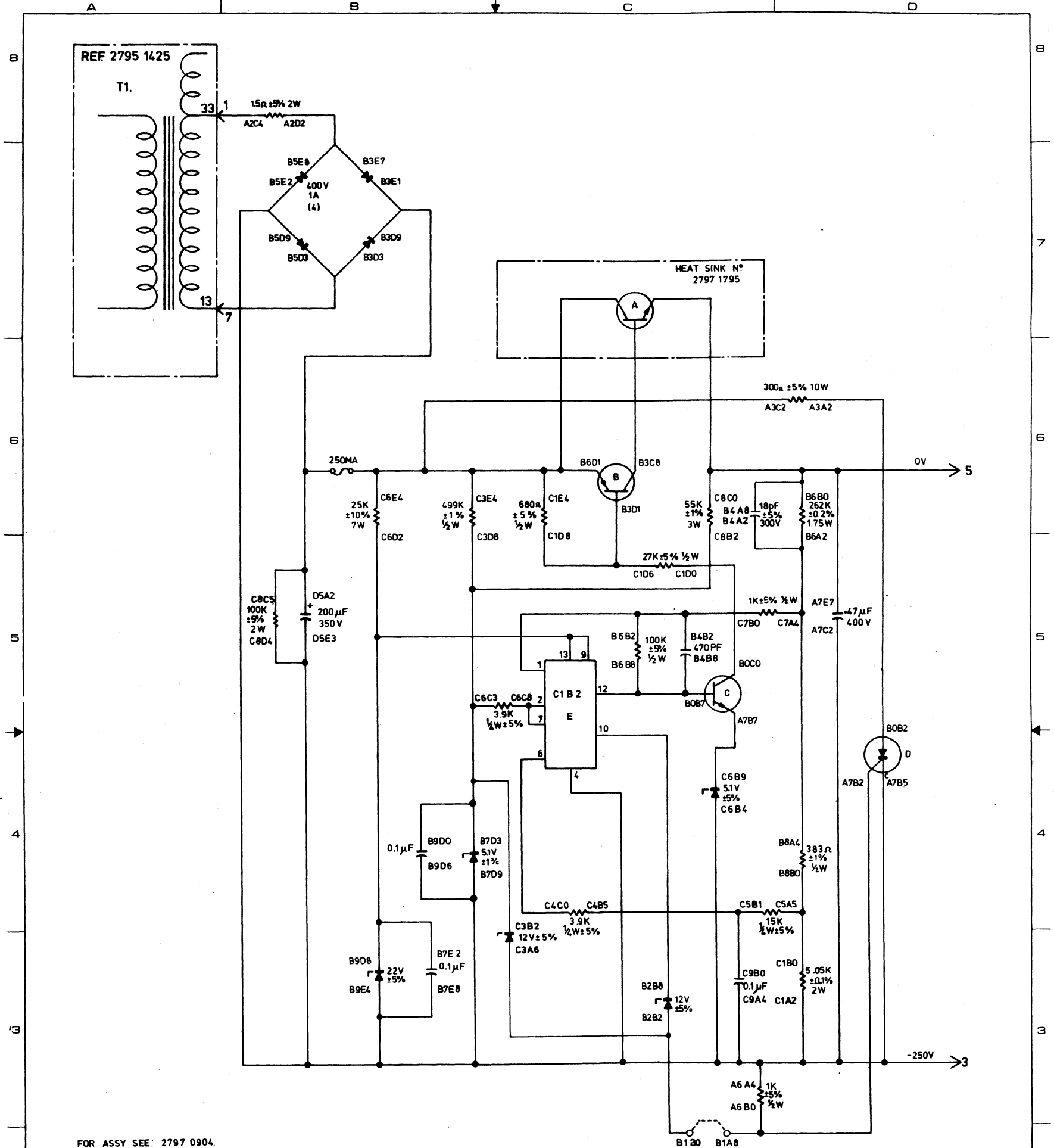
| | | |
|---|----------|-----------|
| A | SN 7400 | 1447 3516 |
| B | 7402 | 2600 4911 |
| C | 7404 | 1447 3532 |
| D | 7406 | 1674 4963 |
| E | 7408 | 1447 3524 |
| F | 7410 | 1447 3540 |
| G | 7442 | 1449 2581 |
| H | 7474 | 1447 3507 |
| I | 74107 | 1447 3615 |
| J | 74128 | 1269 6860 |
| K | 74132 | 2600 6726 |
| L | 74154 | 1535 7155 |
| M | 74157 | 1447 3797 |
| N | 74175 | 1449 1278 |
| P | 2564 RAM | 1847 5558 |
| Q | 8T26 | 1847 4882 |

FLYMOOTH JK
 ENGINEERING
 INSTRUCTION
 PROJECT 56702
 GROUP 1208 ADD TO
 DATE 2-25-78

| | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|----------------|-----------|-----------|-----------|-------------------|---|--------------------|--------|----------|------|-----|---|---------------|---|-----------|----------|-------|-------------|------|---------|------|---------|
| DRAWING NO. 2797 0318 | PAGE 4 of 4 | REV. B | ECN 00872 | ECN 01334 | Z. J. L. MAN/2077 | C | RELEASED NOV 30 76 | PAGE 1 | ER 00522 | DATE | NEW | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN. CONTROL | TITLE | DATE | DRAWN | DATE | CLASS. CODE | REV. | PAGE | | |
| | | | | | | | | | | | | | JOB | SCHMATIC - SELF SCAN CONTROLLER 'A' (P06) | 2797 0318 | HLN/JTH | 24.76 | A1 | C | 4 of 4 | | |
| | | | | | | | | | | | | | DATE | 27.6.76 | DATE | 27.6.76 | DATE | 27.6.76 | DATE | 27.6.76 | DATE | 27.6.76 |
| | | | | | | | | | | | | | APPROVED | 8 | CHECKED | B. B. B. | DATE | 27.6.76 | DATE | 27.6.76 | DATE | 27.6.76 |

INPUTS

OUTPUTS



FOR ASSY SEE: 2797 0904.

COMPONENT IDENTIFICATION

TRANSISTOR:

A - BUX 16A 2797 1969

B - 2N5416 2797 1821

C - 2N3439 2797 1837

D - S 2600D 2797 5010

I.C.

E - μ 747 1536 7360

| | | | | | | | | | | | | | | | |
|--|----------------|------------|-------------|-------------|-------------|-----------|-------------|---------------|------------------------|---|-------------------|----------------------|-----------------------------------|---------------------|--------------------------|
| DRAWING No. 2797 0912 | PAGE 1 OF 1 | ER 00591 A | ECN 00761 B | 1 PRIS 7K K | ECN 00861 C | 1 JMW 7 K | ECN 01035 D | 1 MLY 177 K K | RELEASED JAN. 31, 77 D | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN CONTROL | TITLE | SCHEMATIC, SELF SCAN POWER SUPPLY | | DRAWING No. |
| | | | | | | | | | | | OSGN/ENGR K.B. | DATE OCT. 14, 76 | DRAWN LF | DATE OCT. 14, 76 | DRAWING No. 2797 0912 |
| PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT | | | | | | | | | | APPROVED K.B. | DATE 27/10/76 | CHECKED K. Sumner | DATE 29/10/76 | REV D | PAGE 1 OF 1 |

DS

| | | | | | | | | |
|---|------|--|------------------|----------------------|----------------|------------------------|--------------------------|--|
| BURROUGHS MACHINES LTD UMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL 308 | DWG NO. 2797 5234 | REV. B |
| DESIGN OR ENG | DATE | DRAWN C.S. | DATE JUL-6-77 | APPROVED | DATE 1 7 77 | TITLE:- PD6 HARNESS | ECN 01057 | |
| CHECKED BY | DATE | COMPONENTS C.S. | DATE 8 7 77 | CLASS CODE 1-9135 | DWG. SIZE | DWG. TYPE W.L. | SHEET 1 OF 3 | |
| | | | | | | | RELEASED:- JUL.14,77. | ECN 01700 P.B. APR. 28-78 SHEETS 2 & 3 ALTERED |

| | | | | | | | | |
|---|------|--|------------------|----------------------|----------------|------------------------|--------------------------|-----------|
| BURROUGHS MACHINES LTD UMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL 308 | DWG NO. 2797 5234 | REV. B |
| DESIGN OR ENG | DATE | DRAWN C.S. | DATE JUL-6-77 | APPROVED | DATE 1 7 77 | TITLE:- PD6 HARNESS | ECN 01057. | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 1-9135 | DWG. SIZE | DWG. TYPE W.L. | SHEET 2 OF 3 | |
| | | | | | | | RELEASED:- JUL.14,77. | |

ADHERE DECAL 2797 5333 TO CONNECTOR 2797 5580

1. SLEEVING 1117 8076 TO BE PLACED OVER HARNESS, FOLLOWED BY SLEEVING 1117 8043. THIS TO BE DONE BEFORE HARNESS ENTERS TUBULAR STAND ASSEMBLY. SLEEVING SHOULD EXTEND FROM 6 INCHES UP THE TUBE BACK TO P54.
2. TERMINATIONS MUST MEET SPECIFICATION DRAWING 81F.
3. P47 TO BE ATTACHED AFTER HARNESS HAS BEEN PLACED IN 2795 4452 TUBE AS PART OF ASSEMBLY 2795 4437 OR 2795 4445.

| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL 308 | DWG NR. 2797 5234 | REV. B |
|--|----------------|--|------------------------|--------------------------------|-----------------|--------------------------|--|-----------|
| DESIGN OR ENG <i>Keston</i> | DATE 7/9/77 | DRAWN C.S. | DATE JUL-6-77 | APPROVED <i>[Signature]</i> | DATE 14-7-77 | TITLE:- PD6 HARNESS | ECN 01057 | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 1-9135 | DWG. SIZE | DWG. TYPE W.L. | SHEET 3 OF 3 RELEASED:- JUL. 14, 77. | |
| SIGNAL NAME | FROM | | | TO | | | WIRE | |
| | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | | |
| SERIAL DATA+ | 2797 5150 REF | P47-7 | 1745 6625 | 2797 5580 | P54-A | 1472 0734 | OR 2572 7066 | |
| SERIAL DATA- | " " " | P47-6 | " " | " " | P54-B | " " | WH " " | |
| DATA SHIFT + | " " " | P47-9 | " " | " " | P54-C | " " | OR " " | |
| DATA SHIFT - | " " " | P47-8 | " " | " " | P54-D | " " | WH " " | |
| PHASE CLK + | " " " | P47-13 | " " | " " | P54-E | " " | OR " " | |
| PHASE CLK - | " " " | P47-10 | " " | " " | P54-F | " " | WH " " | |
| RESET + | " " " | P47-5 | " " | " " | P54-H | " " | OR " " | |
| RESET - | " " " | P47-3 | " " | " " | P54-J | " " | WH " " | |
| GND | " " " | P47-18 | 1745 6641 | " " | P54-P | 1474 287B | 1940 9192 | |
| GND | " " " | P47-20 | " " | " " | P54-R | " " | " " | |
| -12V | " " " | P47-16 | " " | " " | P54-S | " " | " " | |
| +5V | " " " | P47-11 | " " | " " | P54-T | " " | " " | |
| +5V | " " " | P47-12 | " " | " " | P54-U | " " | " " | |
| -250V | " " " | P47-2 | " " | " " | P54-a | " " | " " | |
| FRAME GND | " " " | Self scan frame | 2473 2067 2470 5352 | " " | p54-X | 1472 0817 | 1940 9697 | |
| TUBE END | | TUBE | 2797 5598 | " " | P54-W | " " | " " | |

ORIGINAL

| | | | | | | | | |
|------------------------------------|------|--|------------------|----------------------|-----------|-----------------------|--------------------|------------|
| BURROUGHS MACHINES LTD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL 308 | DWG No. 2797 5234 | REV. B |
| DESIGN OR ENG H.S. | DATE | DRAWN C.S. | DATE JUL-6-77 | APPROVED | DATE | TITLE:- PD6 HARNESS | ECN 01057 | |
| CHECKED BY H.S. | DATE | COMPONENTS | DATE 77 | CLASS CODE 1-9135 | DWG. SIZE | DWG. TYPE W.L. | SHEET 1 OF 3 | |
| | | | | | | | RELEASED:- | JUL.14, 77 |
| | | | | | | | ECN 01700 | B |
| | | | | | | | PB. APR. 28-78 | |
| | | | | | | | SHEETS 2&3 ALTERED | |

DD 62082

PLYMOUTH
★ DESIGN DEVIATION MFG.

PROJECT 56702
GROUP 1298 ADD TO
DATE 5-2-78

PAGE 2 AFFECTED ONLY

E.I 62118

PLYMOUTH
★ ENGINEERING INSTRUCTION

PROJECT 56702
GROUP 1546 MFG.
DATE 6-2-78

PAGE 3 AFFECTED ONLY

| | | | | | | | | |
|------------------------------------|------|--|------------------|----------------------|-----------|-----------------------|-------------------|-------------|
| BURROUGHS MACHINES LTD SCOTLAND | | PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | DESIGN CONTROL 308 | DWG No. 2797 5234 | REV. B |
| DESIGN OR ENG H.S. | DATE | DRAWN C.S. | DATE JUL-6-77 | APPROVED | DATE | TITLE:- PD6 HARNESS | ECN 01057 | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 1-9135 | DWG. SIZE | DWG. TYPE W.L. | SHEET 2 OF 3 | |
| | | | | | | | RELEASED:- | JUL.14, 77. |

1. SLEEVING 1117 8076 TO BE PLACED OVER HARNESS, FOLLOWED BY SLEEVING 1117 8043. THIS TO BE DONE BEFORE HARNESS ENTERS TUBULAR STAND ASSEMBLY. SLEEVING SHOULD EXTEND FROM 6 INCHES UP THE TUBE BACK TO P54.
2. TERMINATIONS MUST MEET SPECIFICATION DRAWING 81F.
3. P47 TO BE ATTACHED AFTER HARNESS HAS BEEN PLACED IN 2795 4452 TUBE AS PART OF ASSEMBLY 2795 4437 OR 2795 4445.
- ★ 4. P54 TO BE ATTACHED AFTER HARNESS HAS BEEN PLACED IN TELESCOPED SLEEVING 1117 8035 AND 1117 8076.

DD62082

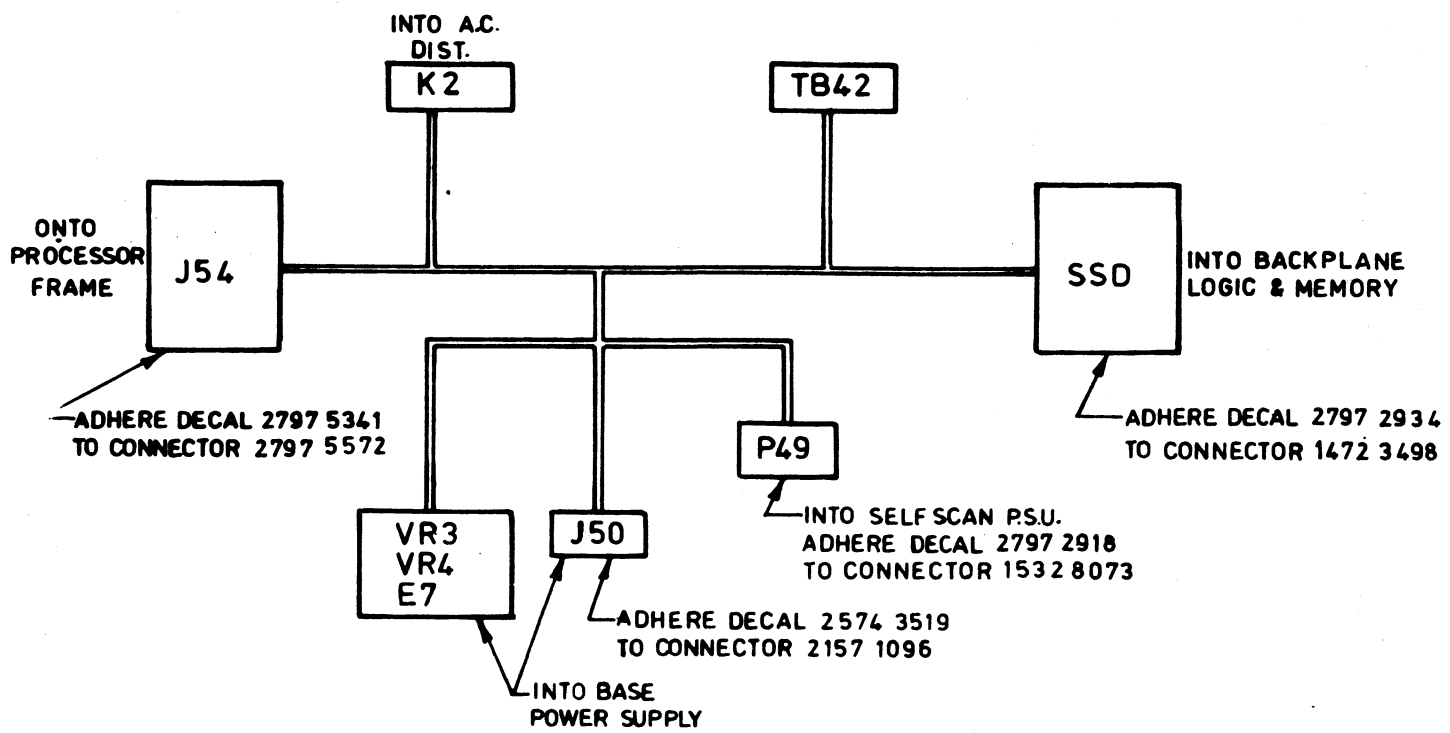
PLYMOUTH
★ DESIGN DEVIATION MFG.

PROJECT 56702
GROUP 1298 ADD TO
DATE 5-2-78

| SIGNAL NAME | | FROM | | | TO | | | WIRE |
|--------------|---|---------------|----------------|-----------------------------------|-----------|-------|-----------|--------------|
| | | CONNECTOR | CODE | TERMINAL | CONNECTOR | CODE | TERMINAL | |
| SERIAL DATA+ | | 2797 5150 REF | P47-7 | 1745 6625 | 2797 5580 | P54-A | 1472 0734 | OR 2572 7066 |
| SERIAL DATA- | | " " " | P47-6 | " " | " " | P54-B | " " | WH " " |
| DATA SHIFT + | | " " " | P47-9 | " " | " " | P54-C | " " | OR " " |
| DATA SHIFT - | | " " " | P47-8 | " " | " " | P54-D | " " | WH " " |
| PHASE CLK + | | " " " | P47-13 | " " | " " | P54-E | " " | OR " " |
| PHASE CLK - | | " " " | P47-10 | " " | " " | P54-F | " " | WH " " |
| RESET + | | " " " | P47-5 | " " | " " | P54-H | " " | OR " " |
| RESET - | | " " " | P47-3 | " " | " " | P54-J | " " | WH " " |
| GND | | " " " | P47-18 | 1745 6625 1745 6641 | ⊗ " " | P54-P | 1474 2878 | 1940 9192 |
| GND | <div style="border: 1px solid black; padding: 2px;"> PLYMOUTH ENGINEERING INSTRUCTION PROJECT 56702 GROUP 1546 DATE 6-2-78 </div> | " " " | P47-20 | " " | ⊗ " " | P54-R | " " | " " |
| -12V | | " " " | P47-16 | " " | ⊗ " " | P54-S | " " | " " |
| +5V | | " " " | P47-11 | " " | ⊗ " " | P54-T | " " | " " |
| +5V | | " " " | P47-12 | " " | ⊗ " " | P54-U | " " | " " |
| -250V | | " " " | P47-2 | " " | ⊗ " " | P54-a | " " | " " |
| FRAME GND | | " " " | Self scan fram | 2473 2067 2470 5352 | " " | P54-X | 1472 0817 | 1940 9697 |
| TUBE END | | | TUBE | 2797 5598 | " " | P54-W | " " | " " |

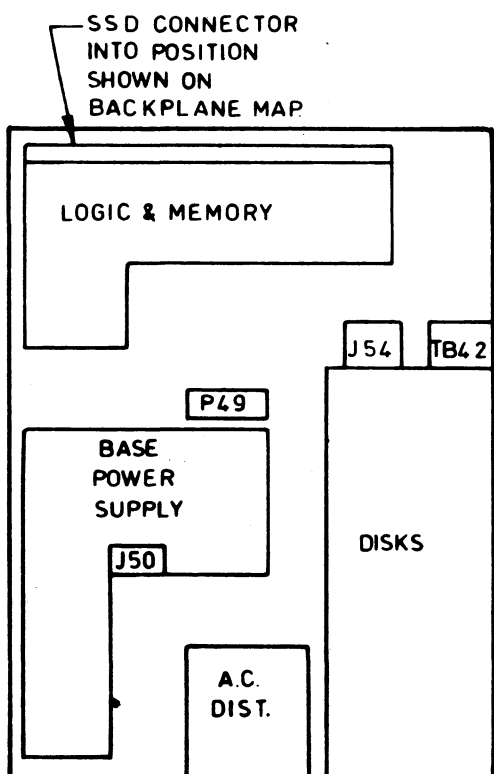
| | | | | | | | | |
|---|-------------------------------|---|-------------------------|---------------------------------------|------------------------|---|-----------------------------|-----------------------------------|
| BURROUGHS MACHINES LTD CUMBERNAULD SCOTLAND | | <small>PROPRIETARY TO BURROUGHS - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.</small> | | | | DESIGN CONTROL 308 | DWG No. 2797 5234 | REV. B |
| DESIGNED BY <i>Radon</i> | DATE <i>14-7-77</i> | DRAWN C.S. | DATE JUL-6-77 | APPROVED <i>[Signature]</i> | DATE 14-7-77 | TITLE:- PD6 HARNESS ECN 01057 | | |
| CHECKED BY | DATE | COMPONENTS | DATE | CLASS CODE 1-9135 | DWG. SIZE | DWG. TYPE W.L. | SHEET 3 OF 3 | RELEASED:- JUL. 14, 77. |

| | | |
|--------------|----------------------------|-----------------------|
| P.B. JUL6-77 | DWG NO 2797 5259 | REV A |
| 1-9135 | TITLE - B01-20 PD6 HARNESS | RELEASED AUG. 22, 77. |
| SHEET 1 OF 5 | | ER 01107 |
| | | |

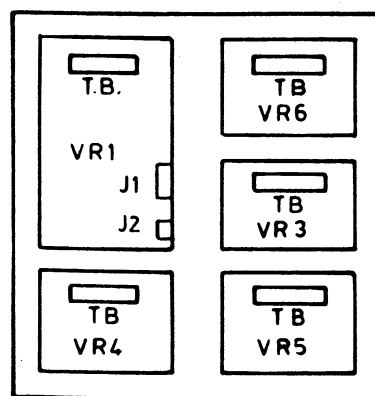


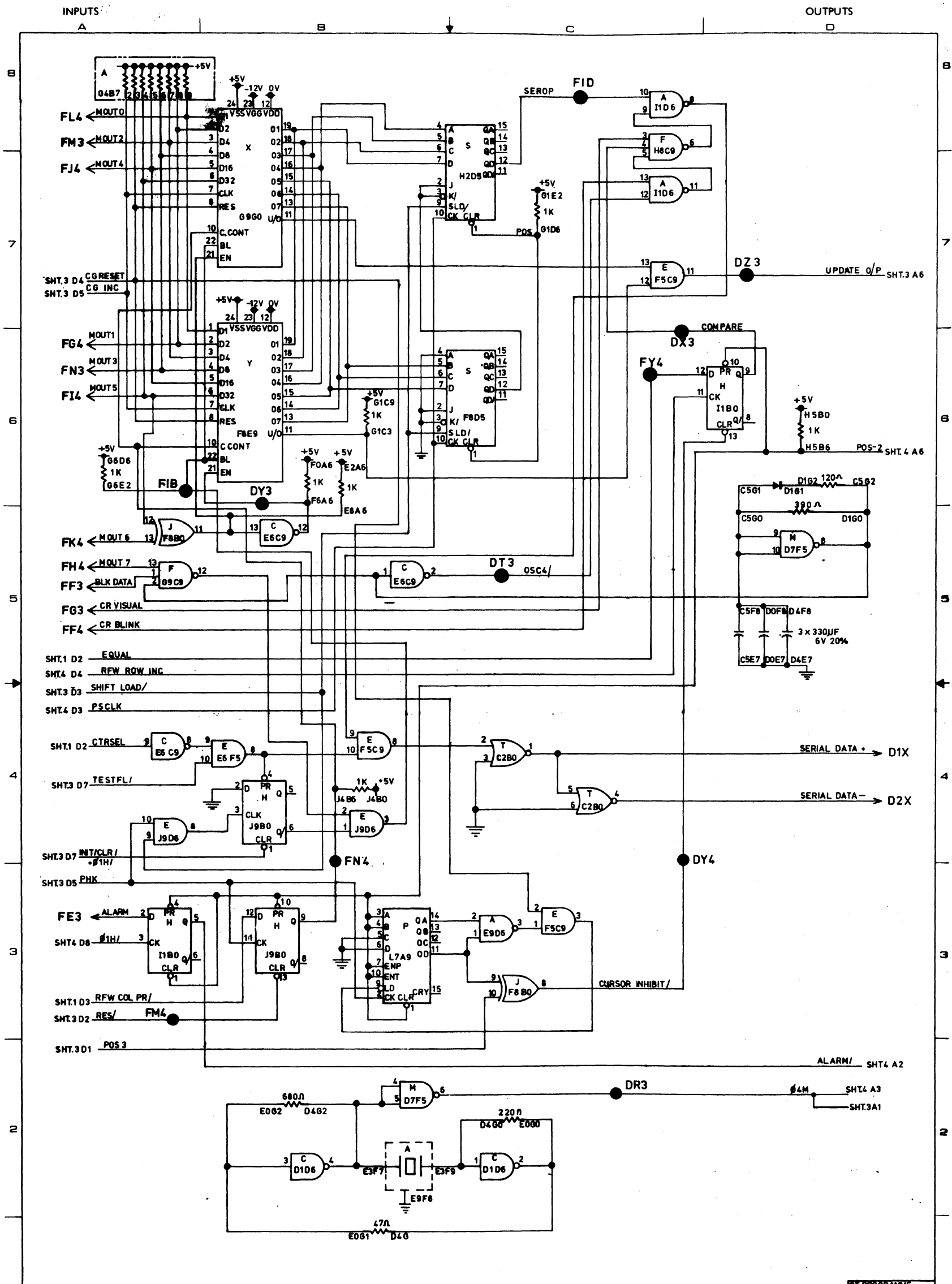
- NOTES:-
1. USE 2OFF12561270 SCREWS TO ATTACH CONNECTOR 2797 5572 (J54) TO PROCESSOR FRAME.
 2. TERMINATIONS MUST MEET SPECIFICATION DRAWING 81F.
 3. WIRE MUST BE U.L. & C.S.A. LABELLED. REFER TO APPLICATION GUIDE D65-01 FOR STYLE AND TYPE REQUIREMENTS.

B01-20 PROCESSOR



SIDE VIEW OF BASE POWER SUPPLY



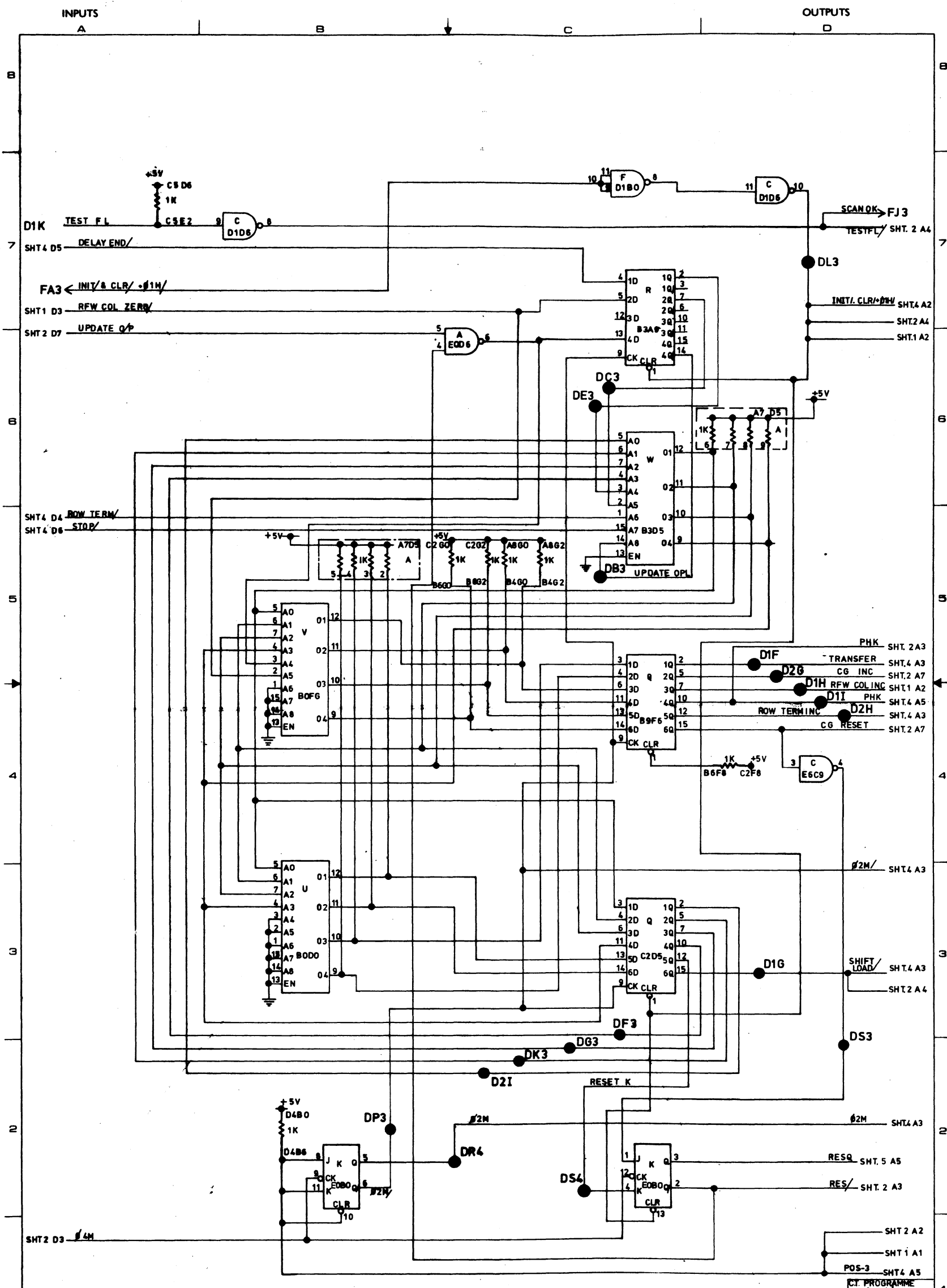


| | | | |
|-------------------------|------------------|--|----------------------|
| CT PROGRAMME J1000 K | | TITLE SCHEMATIC SELF SCAN CONTROLLER 'B' P D 6 | |
| DSGN CONTROL H P | DATE 01.10.77 | DRAWN H P | DATE 01.10.77 |
| DSGN ENGIN H P | DATE 01.10.77 | CHECKED H P | DATE 01.10.77 |
| APPROVED H P | DATE 01.10.77 | DRG SIZE A1 | CLASS CODE 2-9520 |
| ENG COMP H P | DATE 01.10.77 | REV A | PAGE 2 OF 5 |

2797 5507
 2 OF 5



SMALL SYSTEMS DIVISION
 BURROUGHS MACHINES LIMITED
 CUMBERNAULD, SCOTLAND, U.K.
 PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.



2797 5507
PAGE 3 OF 5

DATE 26.27
REV 0134

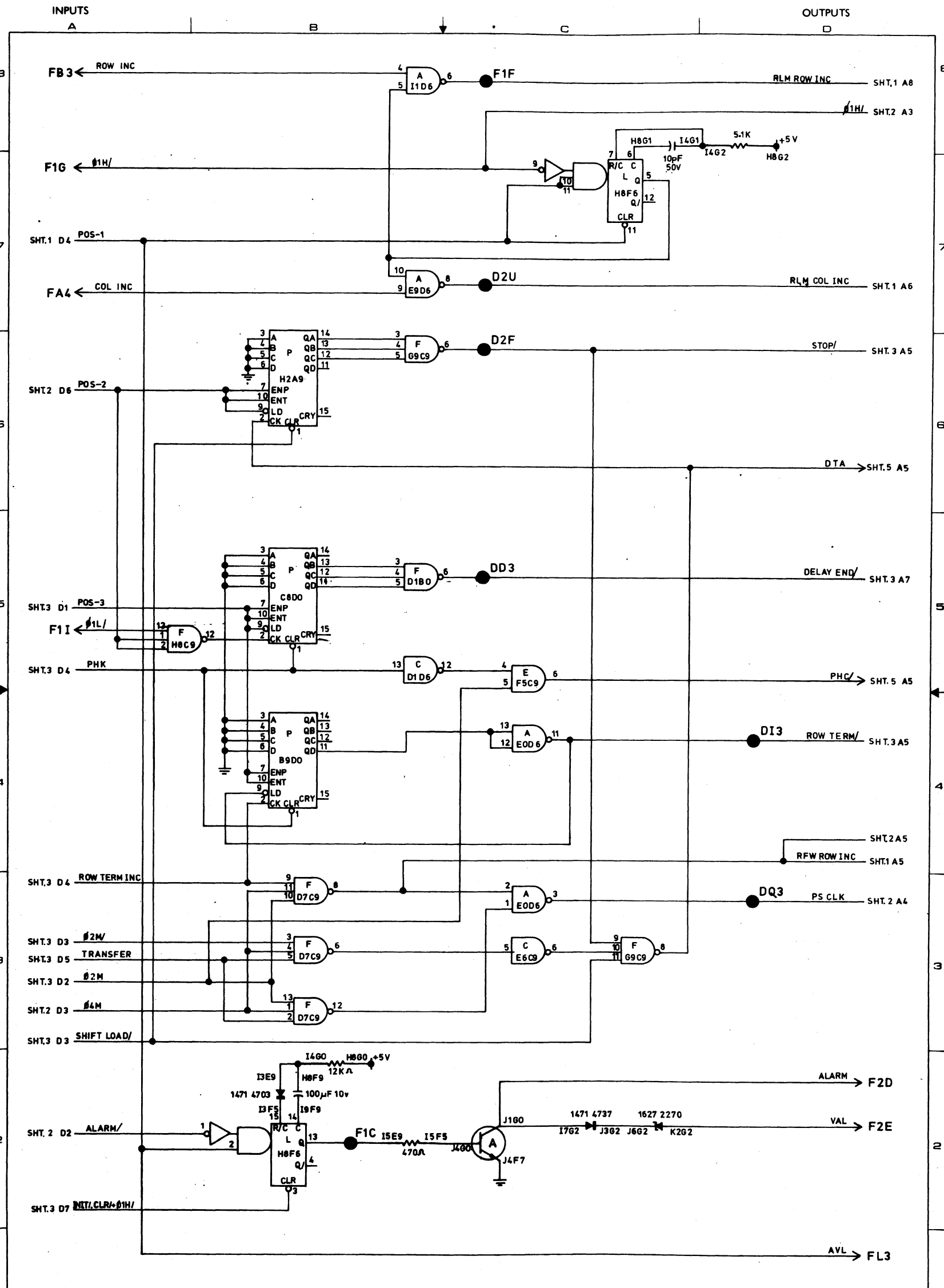
Burroughs
SMALL SYSTEMS DIVISION
BURROUGHS MACHINES LIMITED
CURRIERVAULD, SCOTLAND, U.K.

DGN CONTIN: 308
DGN ENGR: HP
DATE: 1.10.77
APPROVED: [Signature]
ENG. COMP: [Signature]

TITLE: SCHEMATIC SELF SCAN CONTROLLER B PD 6
DRAWN: HP
CHECKED: [Signature]
DATE: 1.10.77
DRG. SIZE: A1

DATE: SEPT. 977
DRAWING NO.: 2797 5507
REV: A
PAGE: 3 OF 5

PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.

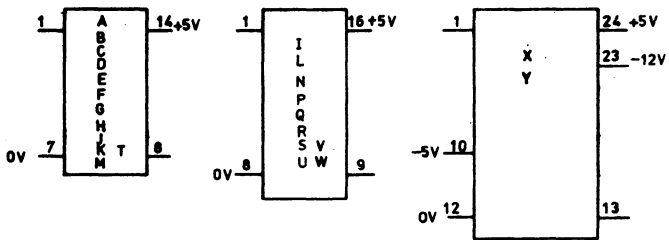
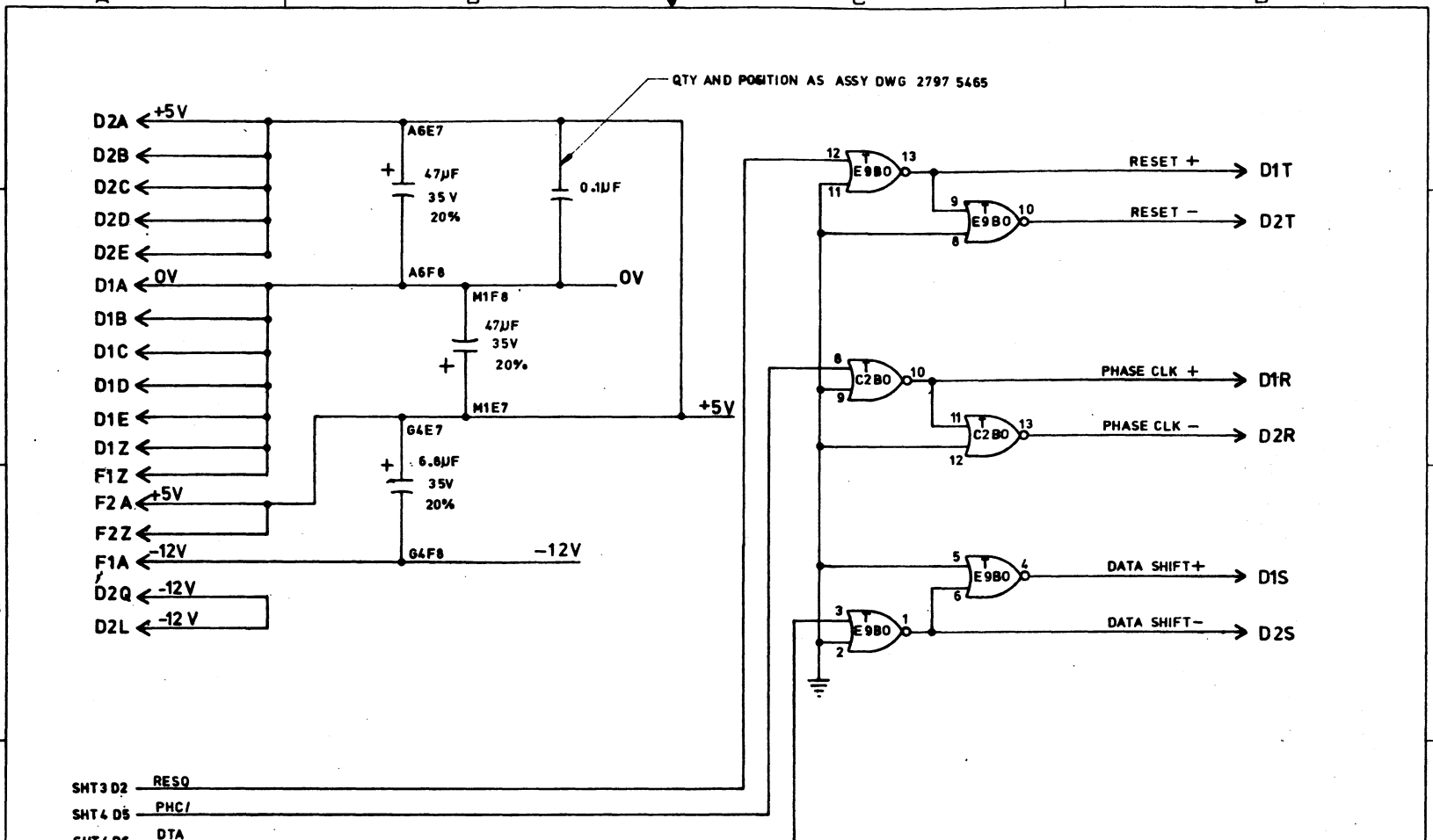


| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|-------------|--|--------------------------------|--|---|--|---|--|--|--|----------------------|--|---------------------------|--|-----------------|--|---------------------------------|--|-----------------------------|--|---------------|--|-----------------------|--|
| DRAWING NO. 27975507 | | REV. 4 OF 5 | | FILE NO. P. 2627 ENCL. 0335 | | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | | DSGN CONTROL JOB DATE APPROVED ENG. COMP. | | TITLE SCHEMATIC SELF SCAN CONTROLLER 'B' P D 6 | | DRAWN H.P. | | DATE SEPT. 977. | | CHECKED DATE | | DRAWING No. 2797 5507 | | CLASS CODE 2-9520 | | REV. A | | PAGE 4 OF 5 | |
|--------------------------------|--|-------------|--|--------------------------------|--|---|--|---|--|--|--|----------------------|--|---------------------------|--|-----------------|--|---------------------------------|--|-----------------------------|--|---------------|--|-----------------------|--|

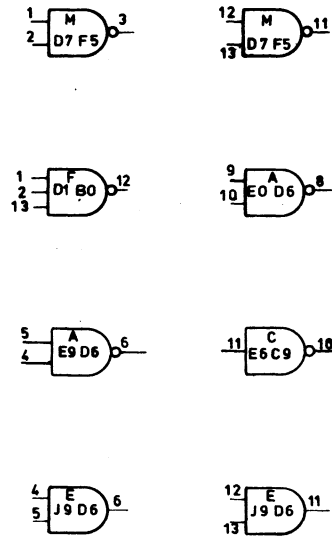
PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.

INPUTS

OUTPUTS



SPARE GATES



NOTES:-

- 1) FOR ASSEMBLY SEE- 2797 0805 (64 CHAR ASCII)
2797 0813 (128 CHAR EUROPEAN)
2797 0821 (128 CHAR KAWASE)
2797 0839 (128 CHAR SSD CONT 'B' RUSSIA & GREECE)
- 2) CODE USED FOR COMPONENT PART NOS AS FOLLOWS:-

| ICs | | RESISTORS PKG | |
|-------------|--------------------|---|------|
| A | SN7400 | 1447 | 3516 |
| B | SN7402 | 2600 | 4911 |
| C | SN7404 | 1447 | 3532 |
| D | SN7406 | 1674 | 4963 |
| E | SN7408 | 1447 | 3524 |
| F | SN7410 | 1447 | 3540 |
| G | SN7420 | 1447 | 3565 |
| H | SN7474 | 1447 | 3607 |
| I | SN7485 | 1449 | 2052 |
| J | SN7486 | 1447 | 3698 |
| K | SN74107 | 1447 | 3615 |
| L | SN74123 | 2158 | 6235 |
| M | SN74132 | 2600 | 6726 |
| N | SN74157 | 1447 | 3797 |
| P | SN74161 | 1447 | 3771 |
| Q | SN74174 | 1449 | 1260 |
| R | SN74175 | 1449 | 1278 |
| S | SN74195 | 1447 | 3755 |
| T | SN74128 | 1269 | 6860 |
| U | SSDII Q/P PROM 'B' | 2797 | 5499 |
| V | SSDII Q/P PROM 'A' | 2797 | 5481 |
| W | SSDII STATE PROM | 2797 | 5473 |
| A | 1K ^{1/2} | 2571 | 9915 |
| TRANSISTORS | | 1846 0741 | |
| DIODES | | A - IN4154 1471 4703 B - IN4001 1471 4737 C - ZENER 1627 2262 | |
| CRYSTAL | | A 1846 8272 | |

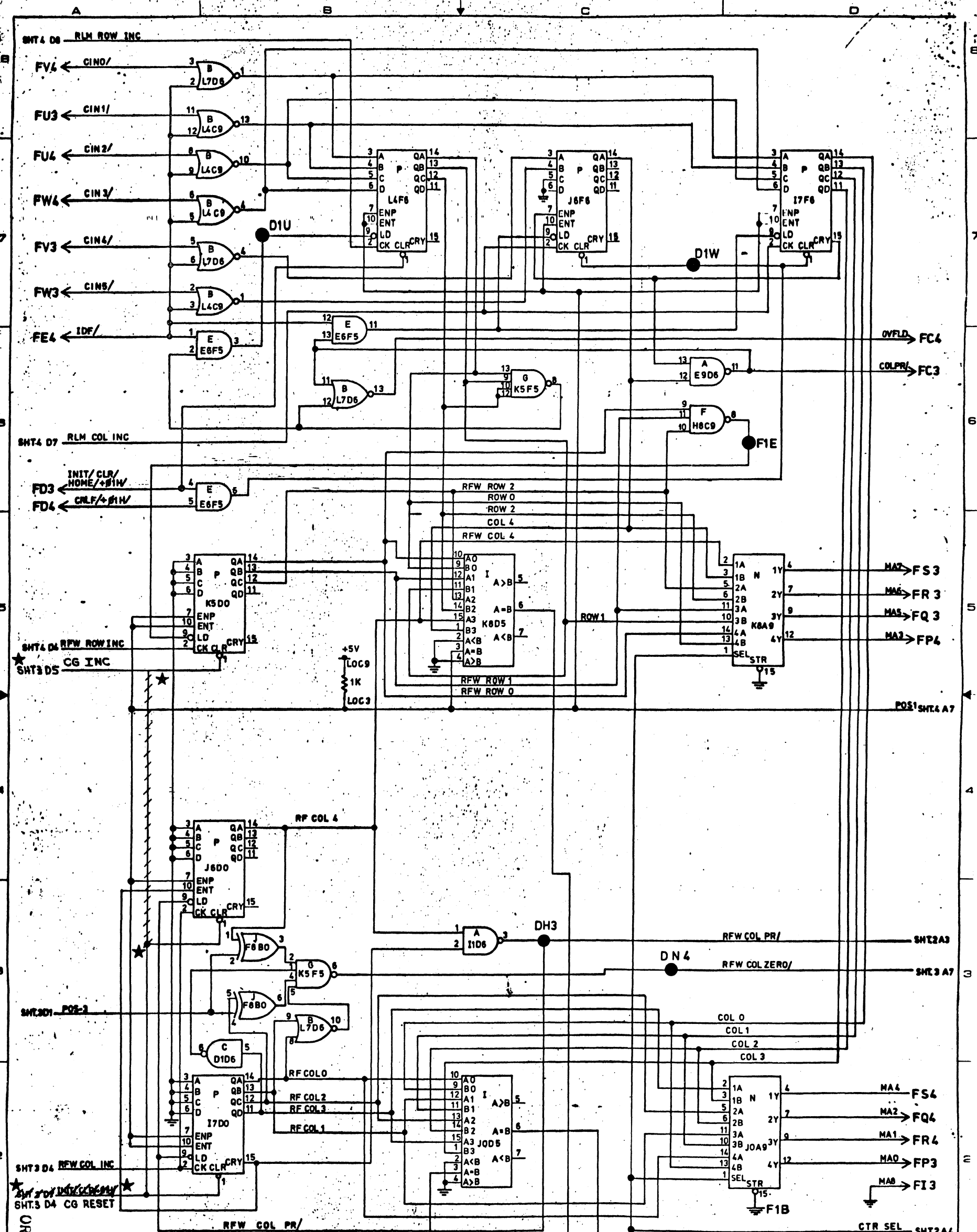
C.T. PROGRAMME
Nestle

| | | | | | | |
|---|--|--|------------------|---------------------|--|--------------------------|
| DRAWING NO. 2797 5507 PAGE 5 OF 5 | INFLIGHT SEP 28/77 PAID 11.00 ENCL 01/24 | Burroughs <small>SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K.</small> | | DSGN CONTROL 308 | TITLE SCHEMATIC SELF SCAN CONTROLLER 'B' PD 6 | |
| | | DSGN/ENGR S | DATE | DRAWN H.P. | DATE SEPT. 9 77 | DRAWING NO. 2797 5507 |
| | | APPROVED | DATE 21.10.77 | CHECKED | DATE | REV. A |
| | | ENG. COMP. | DATE | DRG. SIZE A1 | CLASS. CODE 2-9520 | PAGE 5 OF 5 |

PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.

INPUTS

OUTPUTS



EI 62121
 PLYMOUTH ENGINEERING INSTRUCTION MFG.
 PROJECT 56702
 GROUP 1555
 DATE 4-3-78
 SHT. 3 AFFECTED

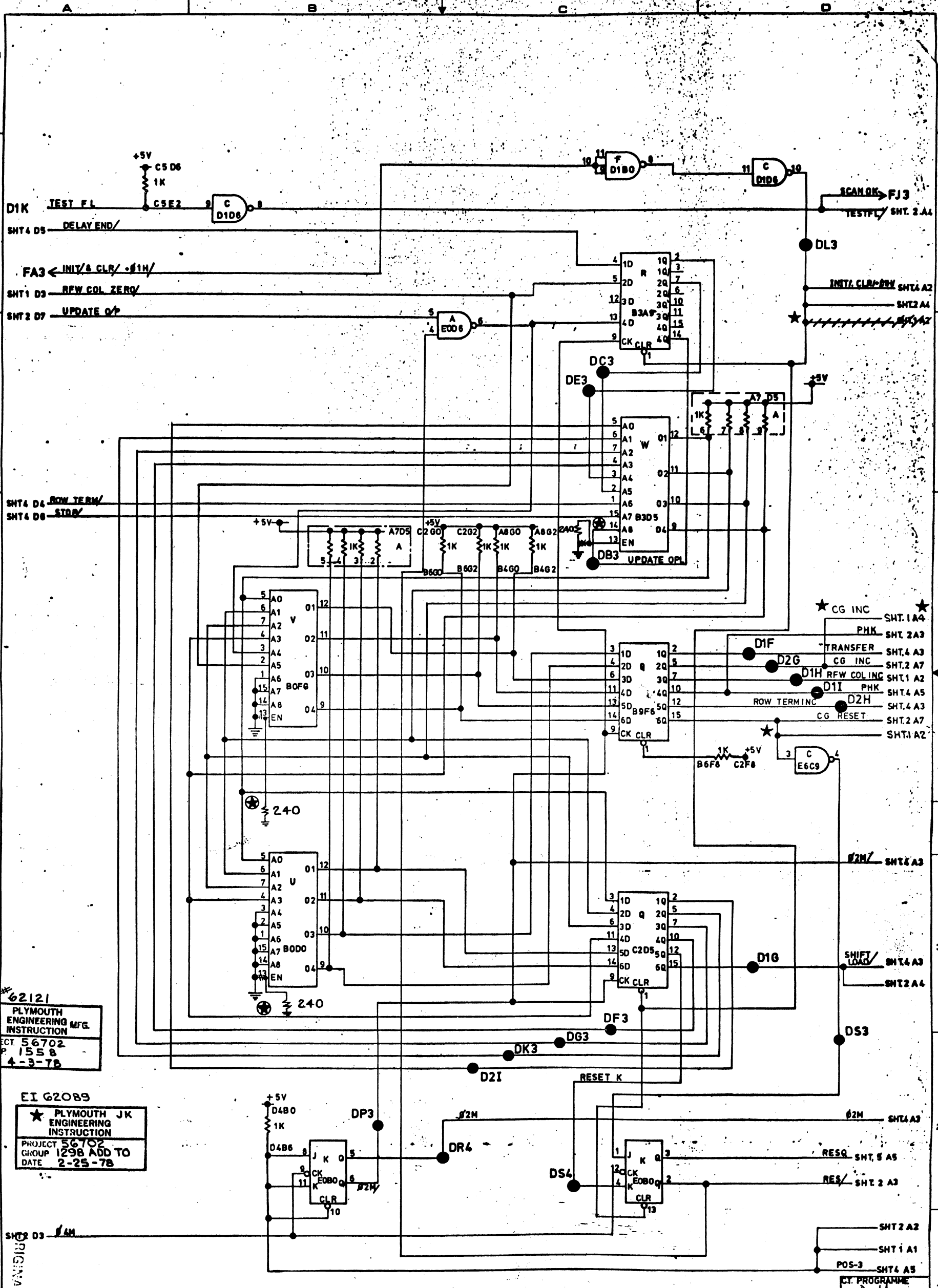
EI 62089
 PLYMOUTH ENGINEERING INSTRUCTION
 PROJECT 56702
 GROUP 1298 ADD TO
 DATE 2-25-78
 SHEET 1/3 AFFECTED

ORIGINAL

| | | | | | | | | | | | | | |
|---|--------|------------|--------------|----------------|-----------|---|------------|---------|----------|------------|-------------|------|--------|
| 2797 5507 | 1 of 5 | ENCN 01332 | ISSUED 26.77 | PACED 2.8 DATE | Burroughs | SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN/ENGR | DATE | DRAWN | DATE | DRAWING No. | | |
| | | | | | | | APPROVED | DATE | CHECKED | DATE | 2797 5507 | | |
| PROPRIETARY TO BURROUGHS NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | | | | ENG. COMP. | DATE | DRG SIZE | CLASS CODE | REV. | PAGE | |
| | | | | | | | 308 | 2-10-77 | H.P. | SEP 977 | 2797 5507 | A | 1 of 5 |

INPUTS

OUTPUTS



EI #62121
 PLYMOUTH
 ENGINEERING MFG.
 INSTRUCTION
 PROJECT 56702
 GROUP 1558
 DATE 4-3-78

EI 62089
 PLYMOUTH JK
 ENGINEERING
 INSTRUCTION
 PROJECT 56702
 GROUP 1298 ADD TO
 DATE 2-25-78

ORIGINAL
 2797 5507

| | | | | | | |
|---------------------|--|--|--|--|--|-------------|
| 2797 5507 3 of 5 | RELEASED PAGE 18 DATE REV. ECN 01331 | Burroughs SMALL SYSTEMS DIVISION BURROUGHS MACHINES LIMITED CUMBERNAULD, SCOTLAND, U.K. | DSGN. CONTROL JOB DATE 20/10/77 APPROVED DATE 21.10.77 ENG. COMP. | TITLE SCHEMATIC SELF CONTROL B PD 6 DRAWN HP DATE CHECKED DATE DWG. SIZ AI | DATE SEPT. 978 DRAWING No. 2797 5507 CLASS CODE 2-9520 REV. A | PAGE 3 of 5 |
| | PROPRIETARY TO BURROUGHS. NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT. | | | | | |
| | CT. PROGRAMME Dist. 1 | | | | | |
| | POS-3 SHT 4 A5 SHT 1 A1 SHT 2 A2 RES/ SHT 2 A3 RESQ SHT 5 A5 | | | | | |