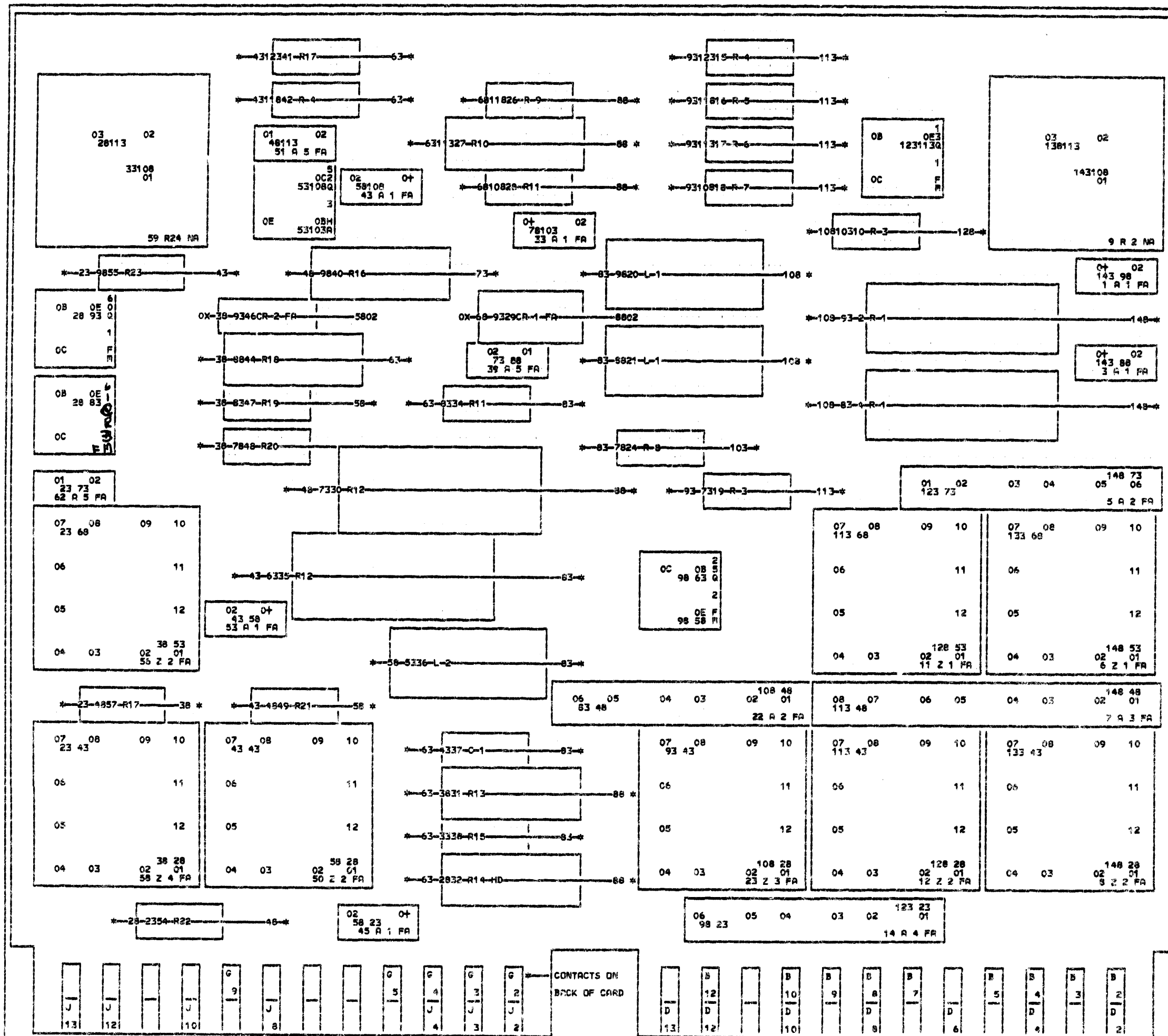




| STANDARDS CODE   | 2-7045   | 03-23-64   | STATUS       | 5904250    |
|------------------|----------|------------|--------------|------------|
| CIRCUIT APPROVAL | EWE      |            |              |            |
| LOCATION         |          |            |              |            |
| RAW CARD NUMBER  | 5816530  |            | FILE PATTERN | 811903     |
| FRONT ARTWORK    | DATE     | CHANGE NO. | DATE         | CHANGE NO. |
| 5816549          | 2        | 01-29-64   | LEV2103      |            |
| BACK ARTWORK     | 05-19-64 | 160276     |              |            |
| 5816551          | 2        | 03-25-64   | 160466       |            |

| PIN | VOLTS |
|-----|-------|
| J08 | GR    |
| J03 | +12   |
| D08 | GR    |

| RESTRICTED |         |            |     |     |
|------------|---------|------------|-----|-----|
| CODE       | PART NO | VALUE      | 167 | 168 |
| R 1        | 8132 J0 | 1000       | 1   | 2   |
| R 2        | 422558  | 200000     | 1   | 1   |
| R 3        | 550051  | 51000      | 1   | 2   |
| R 4        | 216452  | 20000K     | 1   | 2   |
| R 5        | 217082  | 820000     | 1   | 1   |
| R 6        | 215443  | 750000     | 1   | 1   |
| R 7        | 218434  | 330000     | 1   | 1   |
| R 8        | 218472  | 150000K    | 1   | 1   |
| R 9        | 218432  | 220000     | 1   | 1   |
| R10        | 317008  | 300000     | 1   | 1   |
| R11        | 218427  | 110000     | 1   | 2   |
| R12        | 360044  | 50100      | 1   | 2   |
| R13        | 213936  | 100        | 1   | 1   |
| R14        | 321792  | 75000      | 1   | 1   |
| R15        | 219468  | 10000K     | 1   | 1   |
| R16        | 317350  | 62000      | 1   | 1   |
| R17        | 216441  | 50100K     | 1   | 2   |
| R18        | 355740  | 270000     | 1   | 1   |
| R19        | 595359  | 100000     | 1   | 1   |
| R20        | 216449  | 10000      | 1   | 1   |
| R21        | 216423  | 62000      | 1   | 1   |
| R22        | 483224  | 36000      | 1   | 1   |
| R23        | 216445  | 1000K      | 1   | 1   |
| R24        | 483119  | 2000K      | 1   | 1   |
| C 1        | 5301506 | 100P       | 1   | 1   |
| CR 1       | 2414809 | GH         | 1   | 1   |
| CR 2       | 2414808 | GT         | 1   | 1   |
| CR 3       | 2414884 | GT         | 1   | 1   |
| A 1        | 359682  | 131 PNP    | 1   | 2   |
| A 2        | 2414921 | 259PNP     | 1   | 1   |
| A 3        | 369179  | 102 PNP    | 1   | 1   |
| L 1        | 222457  | 400 U      | 1   | 2   |
| L 2        | 217151  | 300 U      | 1   | 1   |
| Z 1        | 361455  | SLT MODULE | 1   | 2   |
| Z 2        | 361457  | SLT MODULE | 1   | 4   |
| Z 3        | 361459  | SLT MODULE | 1   | 1   |
| Z 4        | 361493  | SLT MODULE | 1   | 1   |
| A 1        | 2414883 | RC MODULE  | 1   | 6   |
| A 2        | 2390702 | RC MODULE  | 1   | 2   |
| A 3        | 2390843 | RC MODULE  | 1   | 1   |
| A 4        | 2390650 | RC MODULE  | 1   | 1   |
| A 5        | 2414949 | RC MODULE  | 1   | 3   |
| PM         | 811157  |            | 1   | 4   |
| HA         | 811157  |            | 1   | 1   |

NOTES:  
 GA-ALL CIRCUITS MUST CONFORM TO ENG. SPEC. SHOWN ON SHEET 1.  
 AB-ASSEMBLY TO ENGINEERING SPECIFICATION 890913.  
 FA-TECH LAB EVALUATION INCOMPLETE. PART SUBJECT TO WITHDRAWAL.  
 ADDITIONAL USAGE TO BE AVOIDED.  
 MD-HAND ASSEMBLY BEFORE LIQUID PROCESS.  
 AK-CARD HAS BEEN DECOUPLED 811800 IS NOT APPLICABLE.  
 FR-ASSEMBLY WITH P/N 811157 SPACER. TECH LAB EVALUATION INCOMPLETE. PART SUBJECT TO WITHDRAWAL. ADDITIONAL USAGE TO BE AVOIDED.  
 HA-ASSEMBLY WITH P/N 811157 (TO-18) SPACER.  
 NF-PART MUST NOT BE SUBJECTED TO ANY LIQUID.

| INTERNATIONAL BUSINESS MACHINES CORP. |                         |     |       |        |
|---------------------------------------|-------------------------|-----|-------|--------|
| NAME                                  | BUFFER CONTROL CIRCUITS |     |       |        |
| DESIGN                                | 03-23-64                | RT  | TYPE  | MEMORY |
| DETAIL                                | 03-23-64                | AT  | SCALE | INCH   |
| CHECK                                 | 03-31-64                | FC  | DRAW  | 7090   |
| APPROV                                | 03-31-64                | SNS | SHEET | OF     |