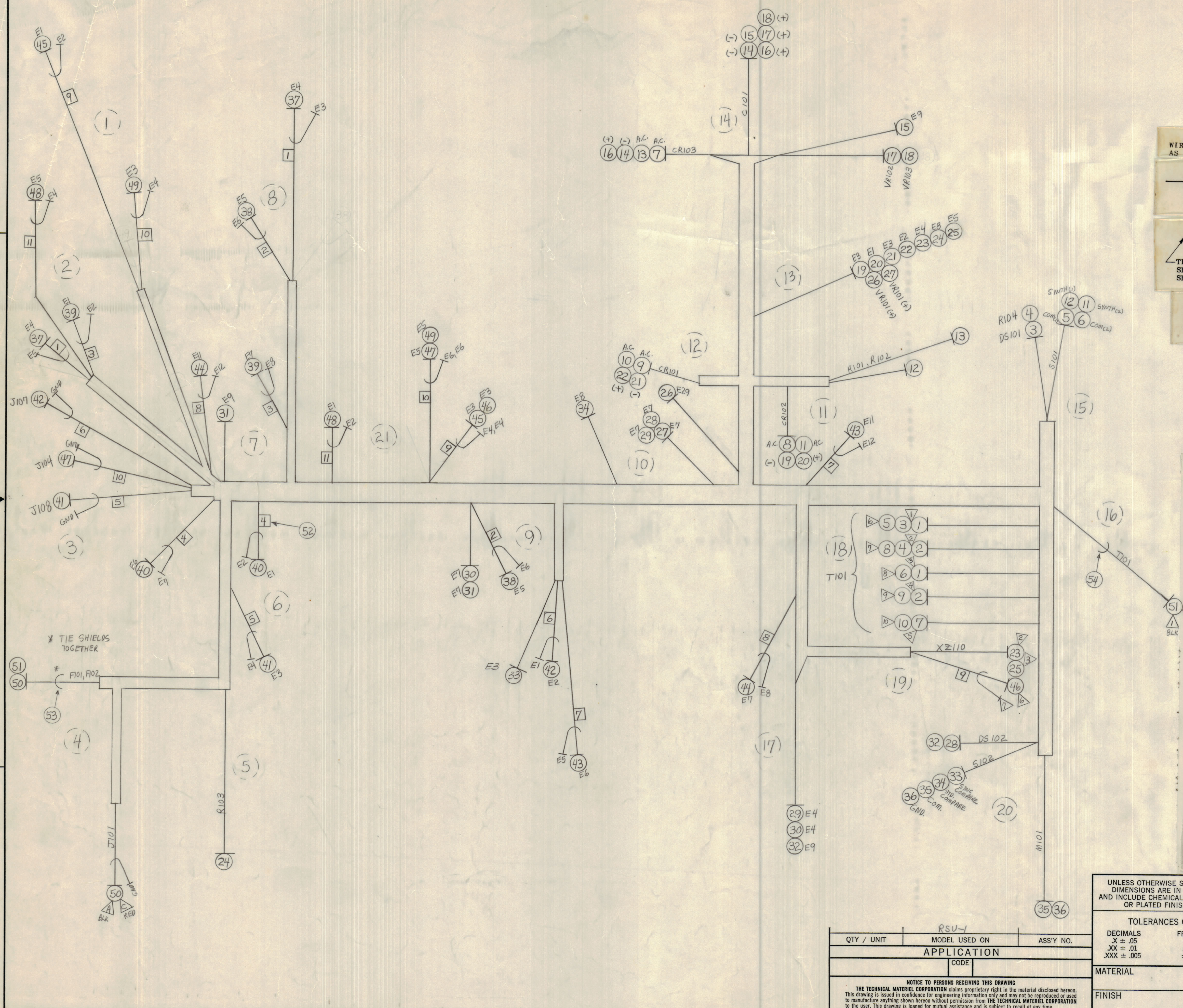


| REVISIONS | | | | | | | |
|-----------|-------|------|------|-----|------------------------------------|---------|----------|
| E.M.N.O. | DRAFT | CHKD | ZONE | LTR | DESCRIPTION | DATE | APPROVED |
| | | | | | ORIGINAL RELEASE FOR PRODUCTION | 1/9/73 | |
| Z1040 | GE | EG | A | | ADD 1" LENGTH TO IT. 33 BREAKOUT 9 | 3/29/73 | EG |



UNLESS OTHERWISE SPECIFIED
WIRES SHOULD BE PLACED IN CABLE IN NUMERICAL SEQUENCE
AS THEY APPEAR IN ITEM COLUMN
SPACE LACING APPROXIMATELY 3/4" APART.

THE ABOVE SYMBOL DENOTES END OF SHIELD, WHICH
SHOULD BE TERMINATED AS SHOWN, LEAVING EXCESS
SHIELDING AS A PIGTAIL. TIN PIGTAIL 1/4 INCH.

THIS SYMBOL INDICATES END OF SHIELDING.

THIS SYMBOL DENOTES END OF INSULATION
AND NAIL DRIVING POINT. WIRE MUST BE
STRIPPED 3/4" BEYOND THIS POINT AND
TINNED 1/2" UNLESS OTHERWISE SPECIFIED

| QTY. REQ. | ITEM | PART NO. | DESCRIPTION | SYMBOL |
|------------------|------|----------|---|------------------------|
| LIST OF MATERIAL | | | | |
| FINAL APPROVAL | | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK WIRING HARNESS BRANCHED (BOTTOM) | |
| MECH. DES. | | DATE | | |
| ELECT. DES. | | DATE | | |
| CHECKED | | DATE | | |
| DRAWN | | DATE | | |
| MATERIAL | | | SIZE | CODE IDENT NO. DWG NO. |
| FINISH | | | D | 82679 CA1733 |
| | | | SCALE | SHEET OF |

| QTY / UNIT | MODEL USED ON | ASS'Y NO. |
|---|---------------|-----------|
| APPLICATION | | |
| CODE | | |
| <small>NOTICE TO PERSONS RECEIVING THIS DRAWING</small> <small>THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</small> | | |

| REQ | ITEM | PART NUMBER | BREAKOUT | | DESTINATION OR DESCRIPTION | |
|-----|------|---------------|----------|----|----------------------------|--------------|
| | | | FROM | TO | FROM | TO |
| 1 | | MWC 22 (7) U0 | 18 | 18 | T101 TERM 1 | T101 TERM 3 |
| 2 | | MWC 22 (7) U2 | 18 | 18 | T101 TERM 2 | T101 TERM 4 |
| 3 | | MWC 26 (7) U0 | 18 | 15 | T101 TERM 1 | DS101 |
| 4 | | MWC 26 (7) U2 | 18 | 15 | T101 TERM 2 | R104 |
| 5 | | MWC 22 (7) U6 | 18 | 15 | T101 TERM 6 | S101 COM(1) |
| 6 | | 8 | 18 | 15 | T101 TERM 8 | S101 COM(2) |
| 7 | | 5 | 18 | 14 | T101 TERM 5 | CR103 (A.C.) |
| 8 | | 7 | 18 | 11 | T101 TERM 7 | CR102 (A.C.) |
| 9 | | 9 | 18 | 12 | T101 TERM 9 | CR101 (A.C.) |
| 10 | | 90 | 18 | 12 | T101 TERM 10 | CR101 (A.C.) |
| 11 | | 98 | 15 | 15 | S101 SYNTH(2) POS | CR102 (A.C.) |
| 12 | | 96 | 15 | 11 | S101 SYNTH(1) POS | R101, R102 |
| 13 | | 95 | 11 | 14 | R101, R102 | CR103 (A.C.) |
| 14 | | 0 | 14 | 14 | CR103 (-) | C101 (-) |
| 15 | | 0 | 14 | 14 | C101 (-) | Z105 E9 |
| 16 | | 3 | 14 | 14 | CR103 (+) | C101 (+) |
| 17 | | 3 | 14 | 14 | C101 (+) | VR102 |
| 18 | | 3 | 14 | 14 | C101 (+) | VR103 |
| 19 | | 0 | 13 | 11 | Z105 E3 | CR102 (-) |
| 20 | | 97 | 13 | 11 | Z105 E1 | CR102 (+) |
| 21 | | 0 | 13 | 12 | Z105 E3 | CR101 (-) |
| 22 | | 94 | 13 | 12 | Z105 E2 | CR101 (+) |
| 23 | | 95 | 13 | 19 | Z105 E4 | XZ110 TERM 2 |
| 24 | | 93 | 13 | 5 | Z105 E8 | R103 |
| 25 | | 96 | 13 | 19 | Z105 E5 | XZ110 TERM 3 |
| 26 | | 2 | 13 | 10 | VR101 (+) | Z102 E29 |
| 27 | | 2 | 13 | 10 | VR101 (+) | Z108 E7 |
| 28 | | MWC 22 (7) U2 | 10 | 20 | Z108 E7 | DS 102 |

| REQ | ITEM | PART NUMBER | BREAKOUT | | DESTINATION OR DESCRIPTION | | | | | | | |
|-----|------|---------------|----------|----|----------------------------|------------|-------|---------------------|-------|--------------------|---------------------|-------|
| | | | FROM | TO | FROM | | | TO | | | | |
| | 29 | MWC 26(7) U 2 | 10 | 17 | Z108 | E7 | | | Z109 | E4 | | |
| | 30 | | 2 | 17 | Z109 | E4 | | | Z107 | E7 | | |
| | 31 | | 2 | 9 | Z107 | E7 | | | Z106 | E9 | | |
| | 32 | | 92 | 17 | Z109 | E9 | | | DS102 | | | |
| | 33 | | 96 | 20 | S102 (SYNC. COMPARE) | | | | Z109 | E3 | | |
| | 34 | | 6 | 20 | S102 (STD. COMPARE) | | | | Z108 | E8 | | |
| | 35 | | 90 | 20 | S102 (COM) | | | | M101 | | | |
| | 36 | MWC 26(7) U 0 | 20 | 20 | M101 | | | | GND. | | | |
| | 37 | RG-174/U | TAG | 2 | 8 | Z103 | E4 | CONDUCTOR SHIELD E5 | Z106 | E4 | CONDUCTOR SHIELD E3 | |
| | 38 | | 2 | 8 | 9 | Z106 | E5 | E6 | Z107 | E5 | E6 | |
| | 39 | | 3 | 2 | 7 | Z104 | E1 | E2 | Z106 | E7 | E8 | |
| | 40 | | 4 | 3 | 6 | Z101 | E6 | E7 | Z107 | E1 | E2 | |
| | 41 | | 5 | 3 | 6 | Z108 | J108 | GND | Z107 | E3 | E4 | |
| | 42 | | 6 | 3 | 9 | | J107 | GND | Z109 | E2 | E1 | |
| | 43 | | 7 | 9 | 11 | Z109 | E6 | E5 | Z108 | E11 | E12 | |
| | 44 | | 8 | 7 | 17 | Z102 | E11 | E12 | Z109 | E7 | E8 | |
| | 45 | | 9 | 1 | 21 | Z102 | E1 | E2 | Z108 | E3 | E4 | |
| | 46 | | 9 | 21 | 19 | Z108 | E3 | E4 | XZ110 | 6 | 7 | |
| | 47 | | 10 | 21 | 3 | Z108 | E5 | E6 | | J104 | GND | |
| | 48 | | 11 | 21 | 2 | Z108 | E1 | E2 | Z104 | E5 | E4 | |
| | 49 | RG-174/U | 10 | 21 | 1 | Z108 | E5 | E6 | Z102 | E3 | E4 | |
| | 50 | WI-142-2 | | 4 | 4 | J101 | BLK A | RED C | GND | F101, F102 | | |
| | 51 | WI-142-2 | | 4 | 16 | F101, F102 | | | | T101 | BLK 1 | RED 4 |
| 13 | 52 | LA-101 AS REQ | | | | | | | | TAPE MARKER | | |
| | 53 | PX-830-8-1 | | | | | | | | SLEEVING SHRINK | | |
| | 54 | PX830- | | | | | | | | SLEEVING SHRINK | | |
| | 55 | BS100 | | | | | | | | SOLDER, TIN ALLOY | | |
| | 56 | CD-101-1MW | | | | | | | | CORD, NYLON LACING | | |