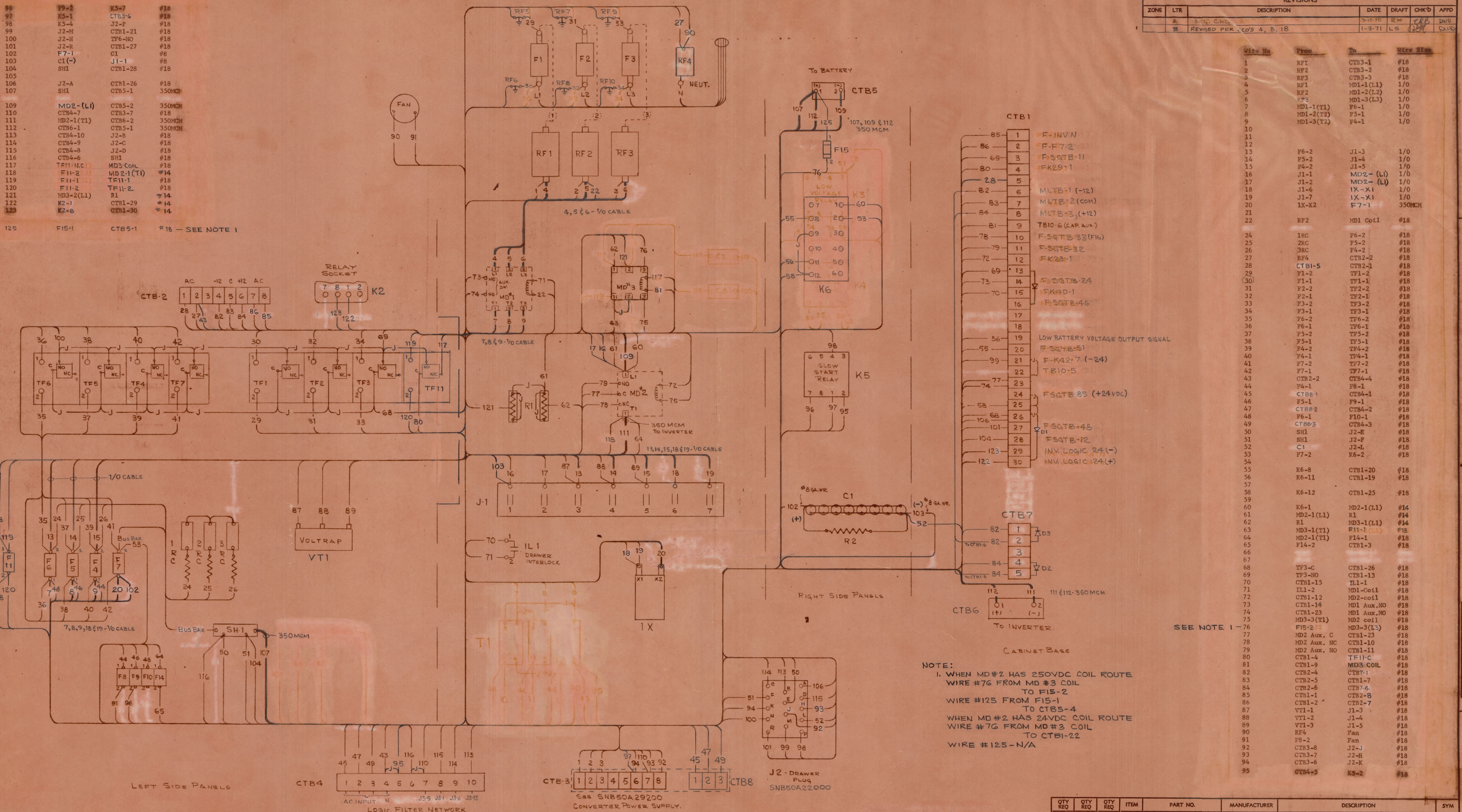


| | | | |
|-----|-----------|-----------|------------------|
| 98 | F9-2 | K5-7 | #18 |
| 97 | K5-1 | CTB3-6 | #18 |
| 98 | K5-4 | J2-F | #18 |
| 99 | J2-M | CTB1-21 | #18 |
| 100 | J2-N | TF6-NO | #18 |
| 101 | J2-R | CTB1-27 | #18 |
| 102 | F7-1 | C1 | #8 |
| 103 | C1(-) | J1-1 | #8 |
| 104 | SH1 | CTB1-28 | #18 |
| 105 | | | |
| 106 | J2-A | CTB1-26 | #18 |
| 107 | SH1 | CTB5-1 | 350MCM |
| 109 | MD2-(L1) | CTB5-2 | 350MCM |
| 110 | CTB4-7 | CTB3-7 | #18 |
| 111 | MD2-1(T1) | CTB6-2 | 350MCM |
| 112 | CTB6-1 | CTB5-1 | 350MCM |
| 113 | CTB4-10 | J2-B | #18 |
| 114 | CTB4-9 | J2-C | #18 |
| 115 | CTB4-8 | J2-D | #18 |
| 116 | CTB4-6 | SH1 | #18 |
| 117 | TF11-NC | MD3-Coil | #18 |
| 118 | F11-2 | MD2-1(T1) | #14 |
| 119 | F11-1 | TF11-1 | #18 |
| 120 | F11-2 | TF11-2 | #18 |
| 121 | MD3-2(L1) | R1 | #14 |
| 122 | K2-1 | CTB1-29 | #14 |
| 123 | K2-8 | CTB1-30 | #14 |
| 125 | F15-1 | CTB5-1 | #18 - SEE NOTE 1 |

| REVISIONS | | | | | | |
|-----------|-----|---------------------------|---------|-------|-------|-------|
| ZONE | LTR | DESCRIPTION | DATE | DRAFT | CHK'D | APP'D |
| A | | REV. CHG. | 5-12-70 | 2M | CB | DND |
| B | | REVISED PER CO'S 4, 8, 18 | 1-3-71 | LS | CB | DND |

| Wire No. | From | To | Wire Size |
|----------|-------------|-------------|-----------|
| 1 | RF1 | CTB3-1 | #18 |
| 2 | RF2 | CTB3-2 | #18 |
| 3 | RF3 | CTB3-3 | #18 |
| 4 | RF1 | MD1-1(L1) | 1/0 |
| 5 | RF2 | MD1-2(L2) | 1/0 |
| 6 | RF3 | MD1-3(L3) | 1/0 |
| 7 | MD1-1(T1) | F6-1 | 1/0 |
| 8 | MD1-2(T2) | F5-1 | 1/0 |
| 9 | MD1-3(T2) | F4-1 | 1/0 |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | F6-2 | J1-3 | 1/0 |
| 14 | F5-2 | J1-4 | 1/0 |
| 15 | F4-2 | J1-5 | 1/0 |
| 16 | J1-1 | MD2-(L1) | 1/0 |
| 17 | J1-2 | MD2-(L1) | 1/0 |
| 18 | J1-6 | 1X-X1 | 1/0 |
| 19 | J1-7 | 1X-X1 | 1/0 |
| 20 | 1X-X2 | F7-1 | 350MCM |
| 21 | | | |
| 22 | RF2 | MD1 Coil | #18 |
| 24 | IRC | F6-2 | #18 |
| 25 | ZRC | F5-2 | #18 |
| 26 | ZRC | F4-2 | #18 |
| 27 | RF4 | CTB2-2 | #18 |
| 28 | CTB1-5 | CTB2-1 | #18 |
| 29 | TF1-2 | TF1-1 | #18 |
| 30 | TF1-1 | TF1-1 | #18 |
| 31 | F2-2 | TF2-2 | #18 |
| 32 | F2-1 | TF2-1 | #18 |
| 33 | F3-2 | TF3-2 | #18 |
| 34 | F3-1 | TF3-1 | #18 |
| 35 | TF6-2 | TF6-2 | #18 |
| 36 | F6-1 | TF6-1 | #18 |
| 37 | F5-1 | TF5-1 | #18 |
| 38 | F5-1 | TF5-1 | #18 |
| 39 | F4-2 | TF4-2 | #18 |
| 40 | F4-1 | TF4-1 | #18 |
| 41 | F7-2 | TF7-2 | #18 |
| 42 | F7-1 | TF7-1 | #18 |
| 43 | CTB2-2 | CTB4-4 | #18 |
| 44 | F4-1 | F4-1 | #18 |
| 45 | CTB8-1 | CTB4-1 | #18 |
| 46 | F5-1 | F5-1 | #18 |
| 47 | CTB8-2 | CTB4-2 | #18 |
| 48 | F6-1 | F6-1 | #18 |
| 49 | CTB8-3 | CTB4-3 | #18 |
| 50 | SH1 | J2-E | #18 |
| 51 | SH1 | J2-F | #18 |
| 52 | C1 | J2-L | #18 |
| 53 | F7-2 | K6-2 | #18 |
| 54 | | | |
| 55 | K6-8 | CTB1-20 | #18 |
| 56 | K6-11 | CTB1-19 | #18 |
| 57 | | | |
| 58 | K6-12 | CTB1-25 | #18 |
| 59 | | | |
| 60 | K6-1 | MD2-1(L1) | #14 |
| 61 | MD2-1(L1) | R1 | #14 |
| 62 | R1 | MD3-1(L1) | #14 |
| 63 | MD3-1(T1) | F11-1 | #18 |
| 64 | MD2-1(T1) | F14-1 | #18 |
| 65 | F14-2 | CTB1-3 | #18 |
| 66 | | | |
| 67 | | | |
| 68 | TF3-C | CTB1-26 | #18 |
| 69 | TF3-NO | CTB1-13 | #18 |
| 70 | CTB1-15 | LL1-1 | #18 |
| 71 | LL1-2 | MD1-Coil | #18 |
| 72 | CTB1-12 | MD2-coil | #18 |
| 73 | CTB1-14 | MD1 Aux. NO | #18 |
| 74 | CTB1-23 | MD1 Aux. NO | #18 |
| 75 | F15-2(T1) | MD2 coil | #18 |
| 76 | F15-2 | MD3-3(L3) | #18 |
| 77 | MD2 Aux. C | CTB1-23 | #18 |
| 78 | MD2 Aux. NC | CTB1-10 | #18 |
| 79 | MD2 Aux. NO | CTB1-11 | #18 |
| 80 | CTB1-4 | TF11-C | #18 |
| 81 | CTB1-9 | MD3 COIL | #18 |
| 82 | CTB2-4 | CTB7-1 | #18 |
| 83 | CTB2-5 | CTB1-7 | #18 |
| 84 | CTB2-6 | CTB7-4 | #18 |
| 85 | CTB1-1 | CTB2-8 | #18 |
| 86 | CTB1-2 | CTB2-7 | #18 |
| 87 | VT1-1 | J1-3 | #18 |
| 88 | VT1-2 | J1-4 | #18 |
| 89 | VT1-3 | J1-5 | #18 |
| 90 | RF4 | Fan | #18 |
| 91 | F8-2 | Fan | #18 |
| 92 | CTB3-8 | J2-J | #18 |
| 93 | CTB3-7 | J2-H | #18 |
| 94 | CTB3-6 | J2-K | #18 |
| 95 | CTB4-5 | K5-2 | #18 |



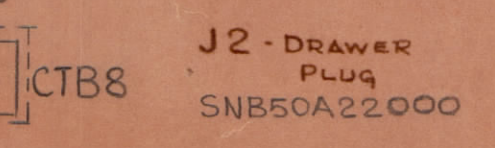
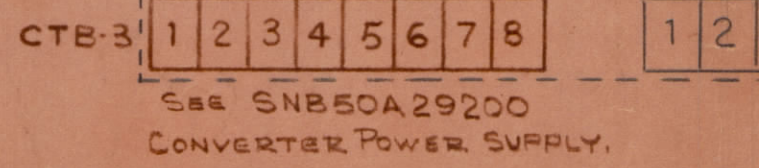
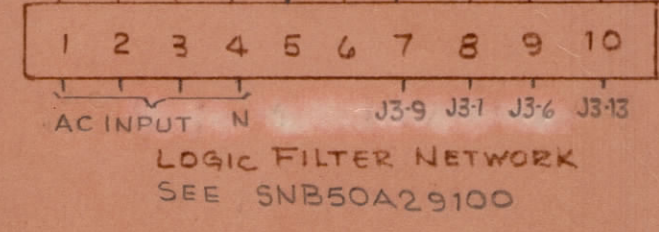
NOTE:
 1. WHEN MD#2 HAS 250VDC COIL ROUTE
 WIRE #76 FROM MD #3 COIL
 TO F15-2
 WIRE #125 FROM F15-1
 TO CTB5-4
 WHEN MD#2 HAS 24VDC COIL ROUTE
 WIRE #76 FROM MD #3 COIL
 TO CTB1-22
 WIRE #125-N/A

SEE NOTE 1 -

LEFT SIDE PANELS

RIGHT SIDE PANELS

CABINET BASE



| QTY REQ | QTY REQ | QTY REQ | ITEM | PART NO. | MANUFACTURER | DESCRIPTION | SYM |
|----------------------------------------------------------------|---------------|----------|------|----------|--------------|-------------|-----|
| PARTS LIST | | | | | | | |
| THE TMC SYSTEMS AND POWER CORPORATION SPRINGFIELD, VIRGINIA | | | | | | | |
| CONVERTER WIRING DIAGRAM | | | | | | | |
| SIZE | CODE IDENT NO | DWG. NO. | REV | | | | |
| D | 24146 | CK1726 | B | | | | |
| SCALE | SHEET 1 OF 1 | | | | | | |

| INTERPRET DRAWING PER LISTED DOCUMENTS | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES REMOVE ALL BURRS AND SHARP EDGES | | DRAWN MITCH DATE 5-15-70 | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--|
| SNB200B20000 | DIMENSIONING MIL-STD-8 | TOLERANCES ON FRACTIONS ANGLES DECIMALS | | CHECKED DATE | |
| SNB72B20000 | SURFACE ROUGHNESS MIL-STD-10 | | | D. ENG. DATE 17 July 70 | |
| SNB60B20000 | ABBREVIATIONS MIL-STD-12 | | | P. ENG. DATE 13 Jul 70 | |
| NEXT ASSY USED ON | ELECTRONIC SYMBOLS MIL-STD-15 | | | P. MGR. DATE | |
| APPLICATION | WELDING SYMBOLS JAN-STD-19 | | | CHIEF ENG. DEPT. DATE 12 Nov 70 | |
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