

DRAWING DIRECTORY

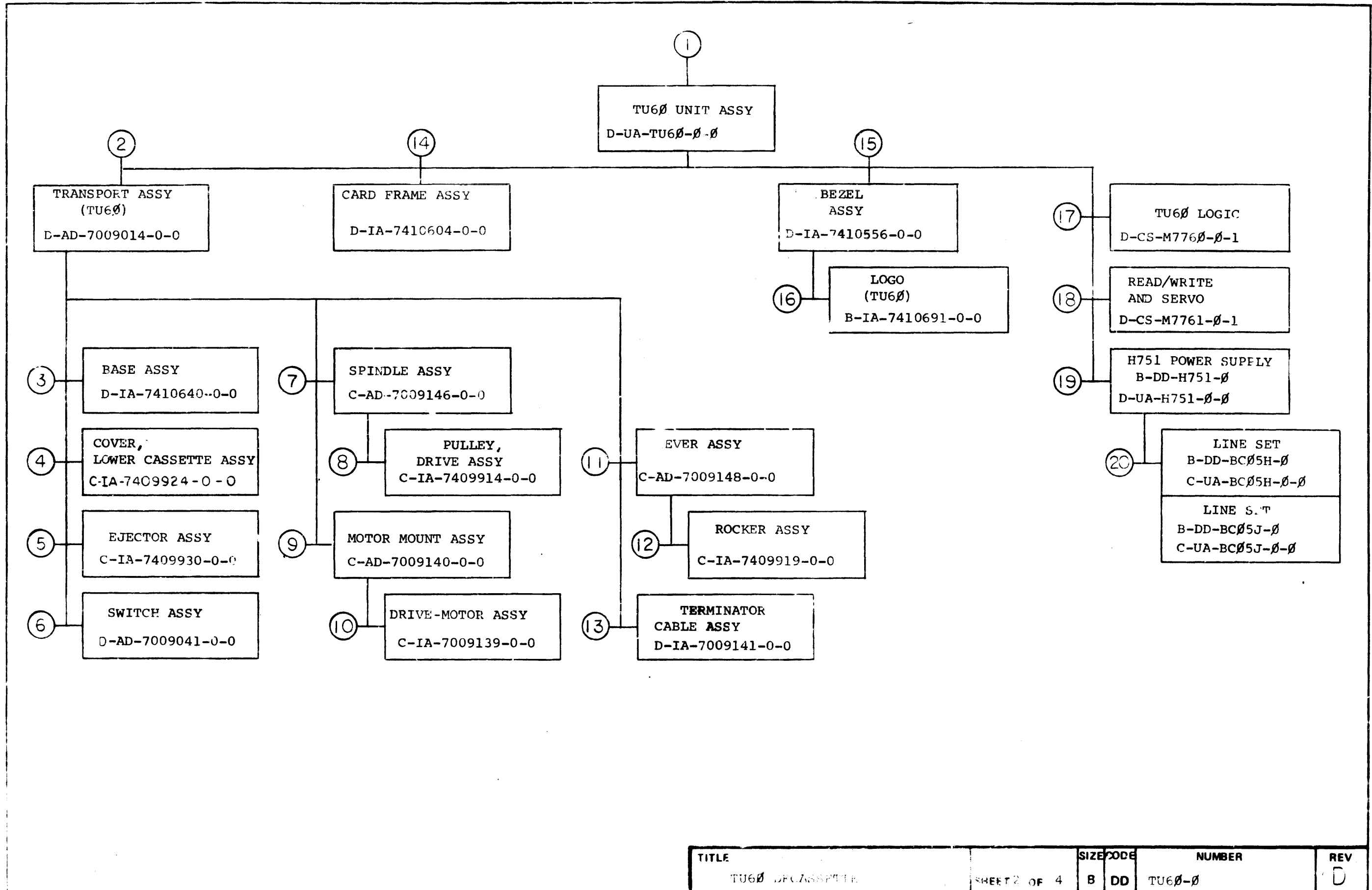
CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

| SEQUENCE | SEQUENCE |
|-------------------------------|------------------|
| DRAWING DIRECTORY | B-DD-TU60-0 |
| TU60 LOGIC (M7760) | D-CS-M7760-0-1 |
| READ/WRITE AND SERVO (M7761) | D-CS-M7761-0-1 |
| TERMINATOR, CASSETTE DRIVE | D-CS-5410135-0-1 |
| H751 POWER SUPPLY | B-DD-H751-0 |
| CASSETTE DRIVE WIRING DIAGRAM | B-WD-TU60-0-WD |
| TU60 UNIT ASSEMBLY | D-UA-TU60-0-0 |
| TU60 UNIT ASSEMBLY | A-PL-TU60-0-0 |
| TRANSPORT ASSEMBLY (TU60) | D-AD-7009014-0-0 |
| TRANSPORT ASSEMBLY (TU60) | A-PL-7009014-0-0 |
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| SWITCH ASSEMBLY | D-AD-7009141-0-0 |
| SPINDLE ASSEMBLY | C-AD-7009146-0-0 |
| MOTOR MOUNT ASSEMBLY | C-AD-7009140-0-0 |
| DRIVE MOTOR ASSEMBLY | C-IA-7009139-0-0 |
| LEVER ASSEMBLY | C-AD-7009148-0-0 |

| UNIT VARIATIONS | | PRINT SET TYPE | | |
|-----------------|-----------------------|-------------------------------------|--------------------------|--------------------------|
| VARIATION | TITLE | TU60-0 | 0-0 | 0-0 |
| TU60-0A | TU60 UNIT ASSY (115V) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| TU60-0B | TU60 UNIT ASSY (230V) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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|--|--|---|---|----------------------|
| REVISIONS DATE: 2/73 CHG. NO.: TU60-07 A 8/73 TU60-12 B '74 TU60-13 C 6/74 TU60-14 D | | USED ON OPTION/MODEL DRN. N. MAJOR: 1/9/73 CHKD. [Signature] DATE: [] PROJ. ENG. [Signature] DATE: [] [Signature] DATE: [] FIELD SRV. [Signature] DATE: 1-19-75 | TITLE: TU60 DECASSETTE SIZE CODE: B DD NUMBER: TU60-0 REV: 0 | SHEET 1 OF 4 DIST |
|--|--|---|---|----------------------|



| TITLE | SHEET | OF | SIZE | CODE | NUMBER | REV |
|--------------------|---------|------|------|------|--------|-----|
| TU60 DECK ASSEMBLY | SHEET 2 | OF 4 | B | DD | TU60-0 | D |

| CUSTOMER PRINT SET | | ELECTRICAL | | | | | CUSTOMER PRINT SET | | MECHANICAL | | | | | | | | |
|--------------------------|--|------------|------------------|-----|-----------|-------------------------------|----------------------|-----------------|------------|-----------|------------------|-----|-----------|---------------------------------|----------------------|-----|---|
| TU60-0 | MFG. SET | FIND NO. | DRAWING NO. | REV | NO OF SHT | DESCRIPTION | OPTION NO./FILE DATE | TU60-0 | MFG. SET | FIND NO. | DRAWING NO. | REV | NO OF SHT | DESCRIPTION | OPTION NO./FILE DATE | | |
| X | | 1 | D-WD-TU60-0-WD | * | 1 | CASSETTE DRIVE WIRING DIAGRAM | | X | | 1 | D-IA-TU60-0-0 | D | 2 | TU60 UNIT ASSEMBLY | | | |
| | | | | | | | | X | | | A-PL-TU60-0-0 | D | 2 | TU60 UNIT ASSEMBLY | | | |
| | | | | | | | | | | | E-IA-7409943-0-0 | | 2 | CHASSIS (TU60) | | | |
| | | | | | | | | | | | D-IA-7409990-0-0 | | 1 | PLATE, CHASSIS, FRONT (TU60) | | | |
| | | | | | | | | | | | E-MD-7409941-0-0 | | 1 | COVER, CHASSIS | | | |
| | | 13 | D-IA-7009041-0-0 | | 1 | TERMINATOR CABLE ASSY | | | | | C-MD-7409904-0-0 | | 1 | BRACKET, SYMMETRICAL | | | |
| X | | | D-CS-5410135-0-1 | * | 2 | TERMINATOR, CASSETTE DRIVE | | | | | B-MD-7409933-0-0 | | 1 | BUSHING, PIVOT | | | |
| | | | | | | | | | | | D-UA-BC05L-0-0 | | 1 | CABLE, JUMPER | | | |
| | | | | | | | | | | | D-PS-1210931-0-0 | | 1 | BLOCK, CABLE RETAINING | | | |
| | | | | | | | | | | | C-MD-7410690-0-0 | | 1 | BRACKET, SHIPPING | | | |
| | | | | | | | | | | | D-PS-1209154-0-0 | | 1 | CHASSIS-TRAK | | | |
| X | | 17 | D-CS-M7760-0-1 | * | 4 | TU60 LOGIC | | | | | | | | | | | |
| | | | | | | | | X | | 2 | D-AD-7009014-0-0 | * | 2 | TRANSPORT ASSY (TU60) | | | |
| X | | 18 | D-CS-M7761-0-1 | * | 5 | READ/WRITE AND SERVO | | X | | | A-PL-7009014-0-0 | * | 3 | TRANSPORT ASSY (TU60) | | | |
| | | | | | | | | | | | C-MD-7409911-0-0 | | 1 | SPACER, TAPE GUIDE | | | |
| | | | | | | | | | | | C-MD-7409912-0-0 | | 1 | GUIDE, TAPE | | | |
| | | | | | | | | | | | C-MD-7409928-0-0 | | 1 | BRACKET, SOLENOID | | | |
| | | | | | | | | | | | C-MD-7409908-0-0 | | 1 | PLATE, HEAD MOUNT | | | |
| C | | 19 | B-DD-H751-0 | * | 3 | H751 POWER SUPPLY | | | | | B-MD-7410518-0-0 | | 1 | BUTTON, REWIND SWITCH | | | |
| | | | D-UA-H751-0-0 | | 2 | H751 POWER SUPPLY | | | | | B-MD-7410519-0-0 | | 1 | BRACKET, REWIND SWITCH | | | |
| | | | E-IA-5310191-0-0 | | 1 | CHASSIS, POWER SUPPLY | | | | | C-MD-7410537-0-0 | | 1 | SPRING, LOCK BAR | | | |
| | | | | | | | | | | | B-MD-7410544-0-0 | | 1 | SPACER, E.O.T. BLOCK | | | |
| | | | | | | | | | | | D-PS-1211279-0-0 | | 1 | COUPLING, CASSETTE DRIVE (3MM) | | | |
| | | | | | | | | | | | D-MD-7409917-0-0 | | 1 | LOCK-BAR, CASSETTE | | | |
| | | | | | | | | | | | D-PS-1211289-0-0 | | 1 | SENSOR ASSY | | | |
| | | | | | | | | | | | B-MD-7409929-0-0 | | 1 | BRACKET, TERMINAL BOARD | | | |
| | | 20 | B-DD-BC05H-0 | | 3 | LINE SET | | X | | 3 | D-IA-7410640-0-0 | * | 1 | BASE ASSEMBLY | | | |
| | | | C-UA-BC05H-0-0 | | 1 | LINE SET BC05H (115V) | | | | | E-MD-7409835-0-0 | | 1 | BASE, CASSETTE TRANSPORT (MACH) | | | |
| | | | C-UA-BC05J-0-0 | | 1 | LINE SET BC05J (230V) | | | | | B-MD-7409938-0-0 | | 1 | BUSHING, ROCKER | | | |
| | | | | | | | | | | | B-MD-7410553-0-0 | | 1 | SHIM, SKEW | | | |
| | | | | | | | | | | | C-MD-7410539-0-0 | | 1 | PIN, ANCHOR | | | |
| | | | | | | | | | | | C-MD-7409934-0-0 | | 1 | PIN, SPRING, MOTOR BIAS | | | |
| | | | | | | | | | | | E-PS-1211122-0-0 | | 1 | BASE, CASSETTE TRANSPORT (CAST) | | | |
| CUSTOMER PRINT SET CODES | X = PRINT OF DOCUMENT INCLUDED IN PRINT SET C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED | | | | | | TITLE | TU60 DFCASSETTE | | SIZE CODE | B DD | | NUMBER | TU60-0 | | REV | D |
| | | | | | | | | SHEET 3 OF 4 | | | | | | | | | |

| CUSTOMER PRINT SET | | MECHANICAL | | | | | CUSTOMER PRINT SET | | MECHANICAL | | | | | | |
|--------------------|-----|------------|------------------|-----|-----------|--------------------------------|-----------------------|--------|------------|----------|------------------|-----|-----------|-----------------------|-----------------------|
| TU60-0 | SET | FIG. NO. | DRAWING NO. | REV | NO OF SHT | DESCRIPTION | OPTION NO / FILE DATE | TU60-0 | SET | FIG. NO. | DRAWING NO. | REV | NO OF SHT | DESCRIPTION | OPTION NO / FILE DATE |
| | | 4 | C-IA-7409924-0-0 | | 1 | COVER, LOWER CASSETTE ASSY | | X | | 10 | C-IA-7009139-0-0 | # | 1 | DRIVE-MOTOR ASSY | |
| | | | C-MD-7409905-0-0 | | 1 | COVER, LOWER CASSETTE | | | | | C-MD-7409913-0-0 | | 1 | SLEEVE, MOTOR | |
| | | | C-MD-7410541-0-0 | | 1 | PIN, SPRING, COVER, CASSETTE | | | | | | | | | |
| | | | B-MD-7410552-0-0 | | 1 | LENS | | | | | | | | | |
| | | 5 | C-IA-7409930-0-0 | | 1 | EJECTOR ASSY | | X | | 11 | C-AD-7009148-0-0 | # | 1 | LEVER ASSY | |
| | | | C-MD-7409907-0-0 | | 1 | EJECTOR | | | | | C-MD-7409931-0-0 | | 1 | LEVER, ROCKER | |
| | | | B-MD-7410543-0-0 | | 1 | ROLLER, EJECTOR | | | | | B-MD-7409932-0-0 | | 1 | ROLLER, IDLER | |
| K | | 6 | C-AD-7009141-0-0 | # | 1 | SWITCH ASSY | | | | 12 | C-IA-7409919-0-0 | | 1 | ROCKER ASSY | |
| | | | C-MD-7409926-0-0 | | 1 | BLOCK, SWITCH | | | | | C-MD-7409916-0-0 | | 1 | PLATE, ROCKER | |
| | | | C-MD-7409935-0-0 | | 1 | SPACER, MICRO SWITCH | | | | | B-MD-7409921-0-0 | | 1 | SLEEVE, ROCKER | |
| | | | | | | | | | | | B-MD-7409922-0-0 | | 1 | SHAFT, IDLER | |
| XI | | 7 | C-AD-7009146-0-0 | # | 1 | SPINDLE ASSY | | | | 14 | D-IA-7410604-0-0 | | 1 | CARD FRAME ASSY | |
| | | | D-MD-7410509-0-0 | | 1 | COUPLING, CASSETTE DRIVE (2MM) | | | | | E-MD-7409942-0-0 | | 1 | FRAME, CARD | |
| | | | C-MD-7410692-0-0 | | 1 | BEARING, SPINDLE | | | | | C-MD-7410587-0-0 | | 1 | STAND-OFF, THREADED | |
| | | 8 | C-IA-7409914-0-0 | | 1 | PULLEY, DRIVE ASSY | | | | 15 | D-IA-7410556-0-0 | | 1 | BEZEL ASSY | |
| | | | C-MD-7410535-0-0 | | 1 | PULLEY, DRIVE | | | | | C-MD-7409882-0-0 | | 1 | ADAPTER, BEZEL | |
| | | | C-MD-7410527-0-0 | | 1 | SPINDLE | | | | | D-MD-7410579-0-0 | | 1 | INLAY, BEZEL | |
| | | | | | | | | | | | D-CS-1209226-0-0 | | 1 | BEZEL 5 1/4" | |
| X | | 9 | C-AD-7009140-0-0 | # | 1 | MOTOR MOUNT ASSY | | | | 16 | B-IA-7410691-0-0 | | 1 | LOGO (TU60) | |
| | | | C-MD-7409915-0-0 | | 1 | PIVOT, MOTOR | | | | | A-SS-7410691-0-1 | | 1 | SILK SCREEN | |
| | | | C-MD-7409910-0-0 | | 1 | MOUNT, MOTOR | | | | | | | | | |
| | | | | | | | | | | 19 | B-DD-H751-0 | | 3 | POWER SUPPLY | |
| | | | | | | | | | | | D-UA-H751-0-0 | | 2 | POWER SUPPLY | |
| | | | | | | | | | | | E-IA-5310191-0-0 | | 1 | CHASSIS, POWER SUPPLY | |

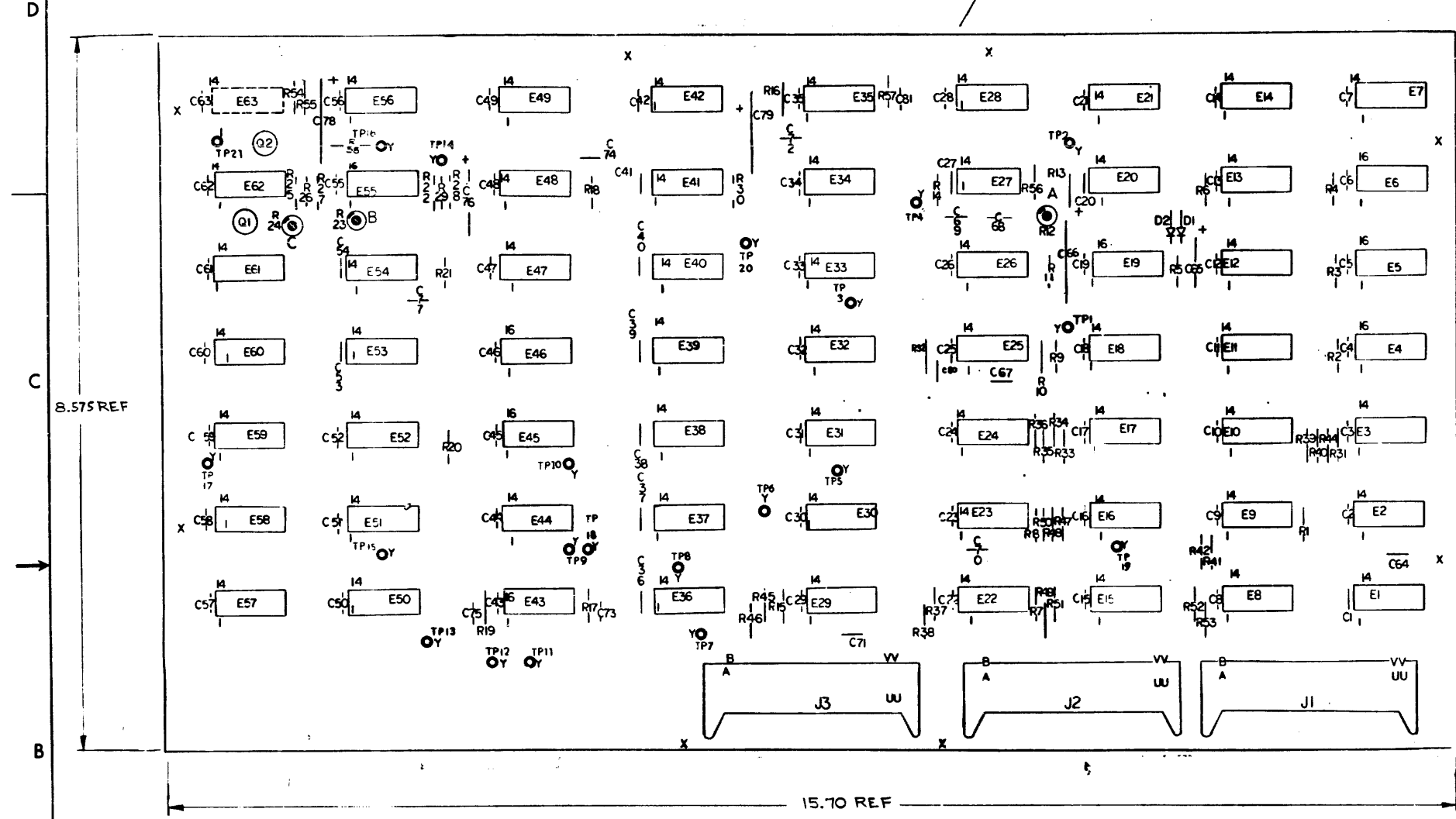
CUSTOMER PRINT SET CODES
 X = PRINT OF DOCUMENT INCLUDED IN PRINT SET
 C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT
 S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED

TITLE: TU60 DECASSETTE
 SHEET 4 OF 4
 PART CODE: B DD
 NUMBER: TU60-0
 REV: D

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NOTES: 1. UNLESS OTHERWISE SPECIFIED: RESISTANCE IS IN OHMS CAPACITANCE IS IN MICROFARADS

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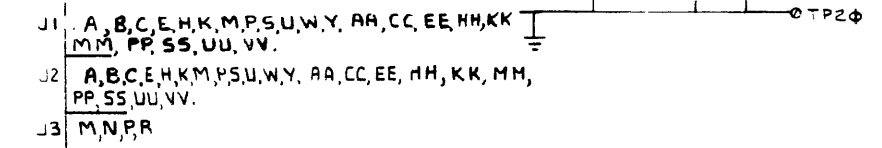


COMPONENT SUBSTITUTION table with columns: QTY, REF DESIGNATION, DESCRIPTION, PART NO., ITEM NO.

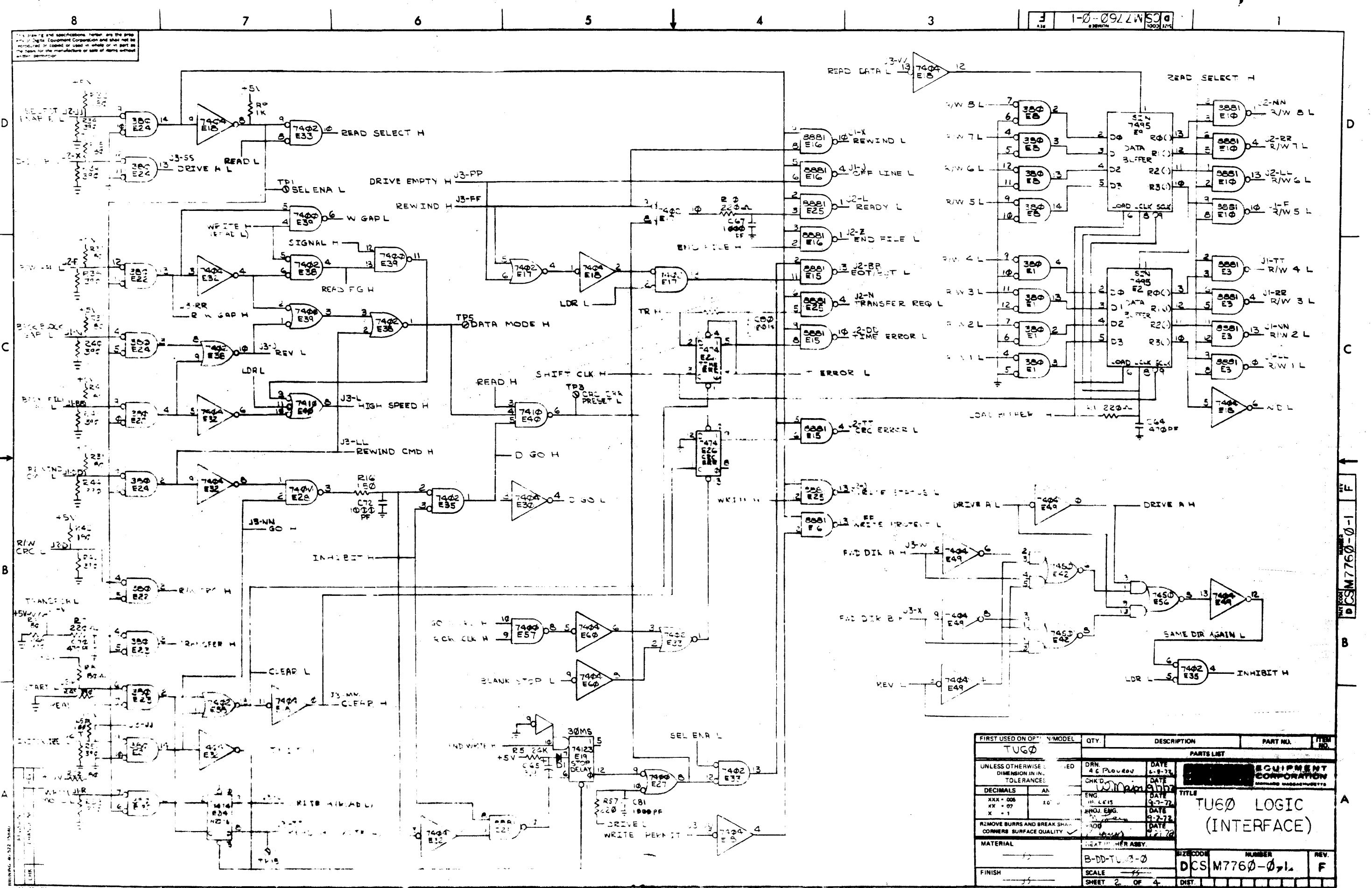
ACCEPTANCE SIG and DATE table with columns: QTY, REF DESIGNATION, DESCRIPTION, PART NO., ITEM NO.

REVISIONS table with columns: CHK, CHANGE NO., REV, DATE, DESCRIPTION.

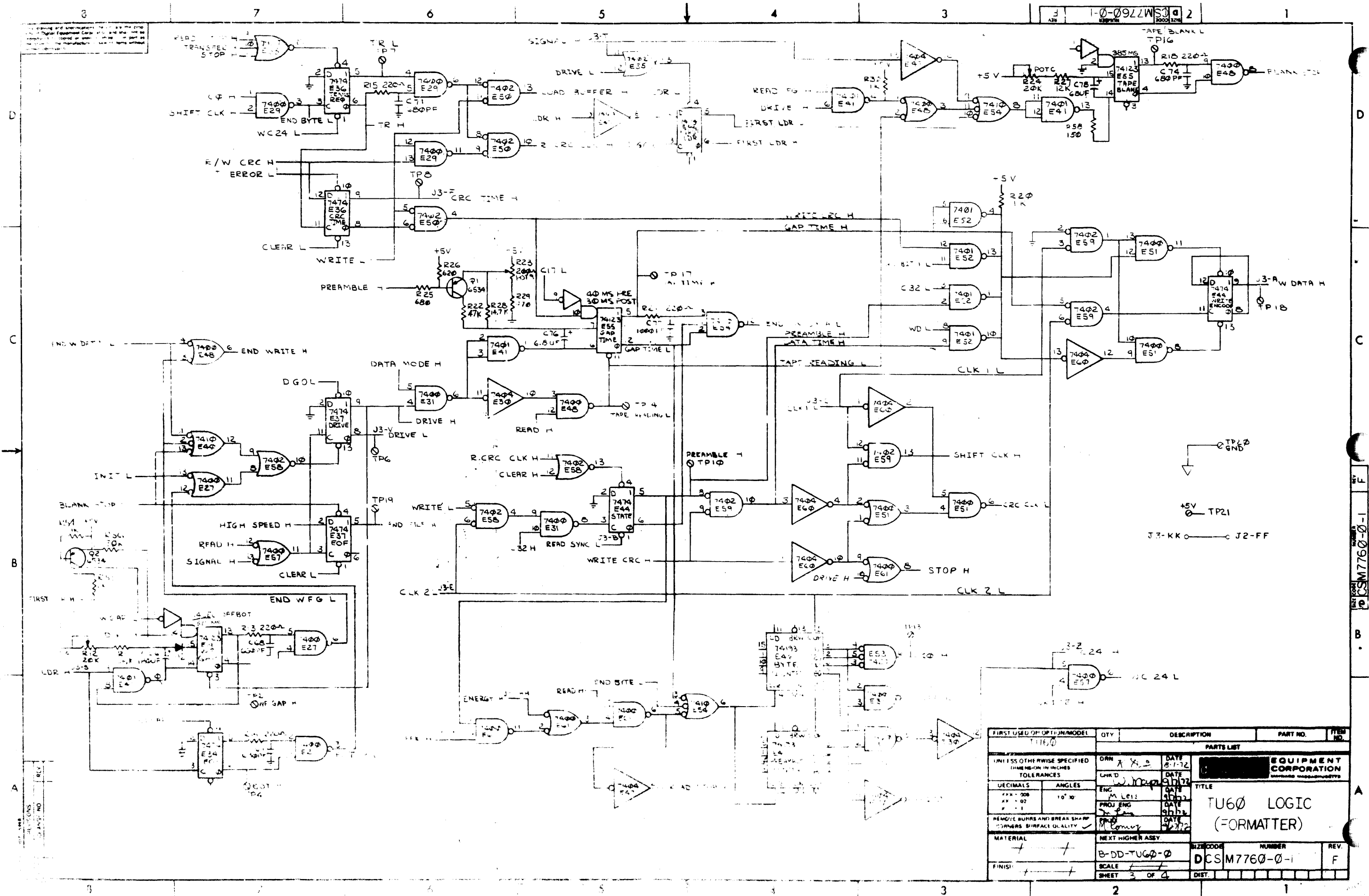
IC PIN LOCATIONS table with columns: IC TYPE, GND, +5V.



SEMICONDUCTOR CONVERSION CHART table with columns: DEC NO., EIA NO., DEC NO., EIA NO.

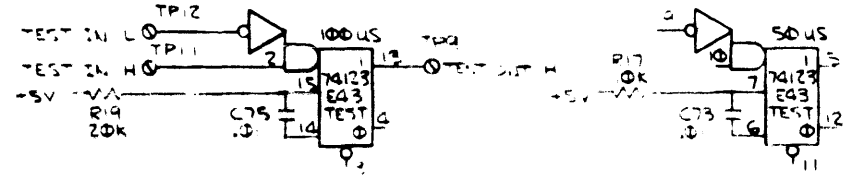
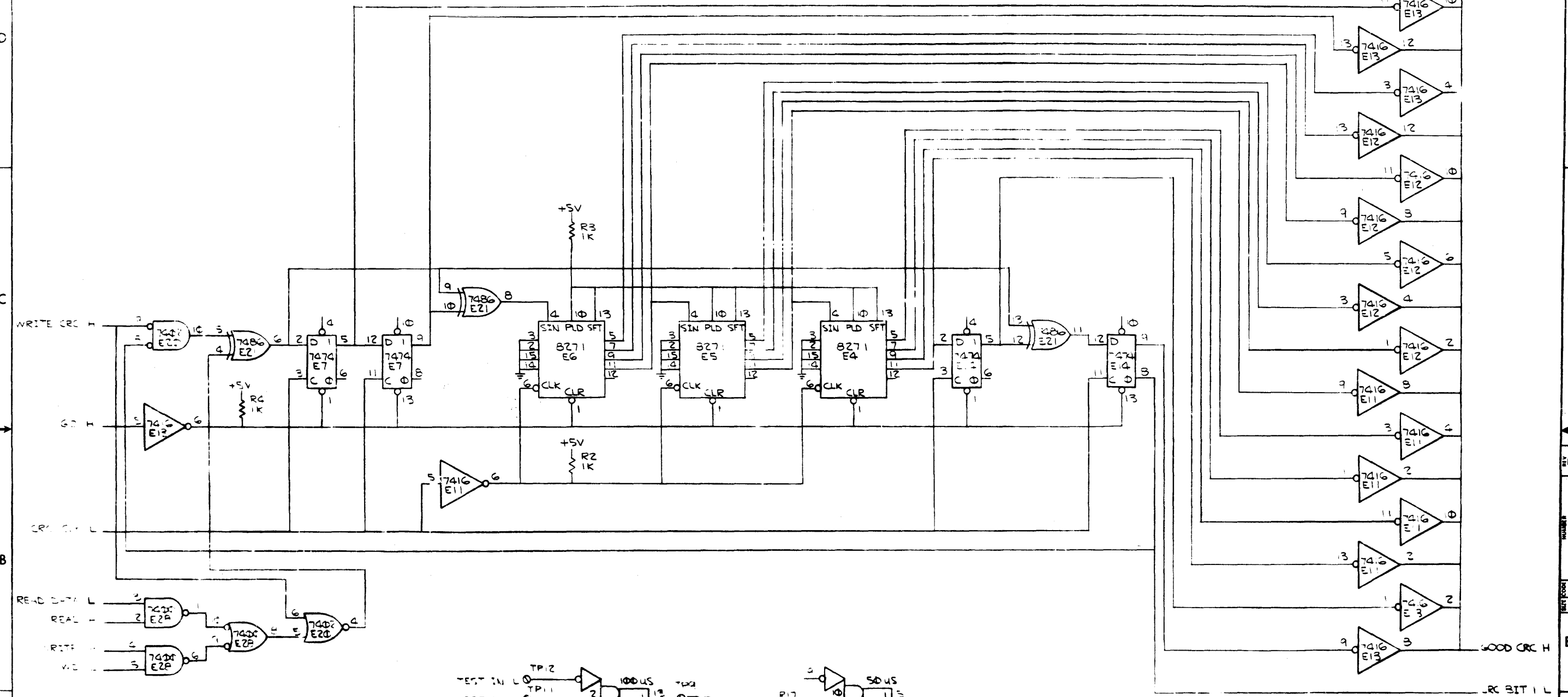


| FIRST USED ON OPT'N MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. |
|--|--------------------|-------------|---|----------|
| TUGØ | | | | |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED | DRN | DATE | EQUIPMENT CORPORATION MILWAUKEE, WISCONSIN | |
| DIMENSION IN INCHES | A.C. PROVED | 6-8-77 | | |
| TOLERANCES | CHKD | DATE | | |
| DECIMALS | AN | DATE | | |
| XXX - 005 | ENG | 9-2-77 | TITLE TUGØ LOGIC (INTERFACE) | |
| XX - 07 | PROJ. ENG. | DATE | | |
| X - 1 | CHKD | DATE | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | APPROV | DATE | | |
| MATERIAL | TREATMENT OR ASSY. | | SIZE CODE | NUMBER |
| FINISH | B-DD-TL-3-Ø | | DCS M776Ø-Ø-1 | REV. F |
| SHEET 2 OF 4 | | DIST. | | |



| FIRST USED OR OPTIMUM MODEL | QTY | DESCRIPTION | PART NO. | ITEM NO. |
|------------------------------|------------------|-------------|-----------------------|----------|
| 7400 | 1116 | NAND | | |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED | | DATE | EQUIPMENT CORPORATION | |
| DIMENSIONS IN INCHES | | 8-1-72 | PARTS DEPARTMENT | |
| TOLERANCES | | | | |
| DECIMALS | ANGLES | DATE | TITLE | |
| .001 | 10' 30" | 9/17/72 | TU60 LOGIC | |
| REMOVE BURRS AND BREAK SHARP | | DATE | (FORMATTER) | |
| EDGES TO SURFACE QUALITY | | 9/17/72 | | |
| MATERIAL | NEXT HIGHER ASSY | DATE | | |
| | B-DD-TU60-0 | 9/27/72 | | |
| FINISH | SCALE | | REV. | |
| | 3 OF 4 | | F | |
| SHEET | | DIST. | | |

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| | | | |
|-----|------|----|-----|
| REV | DATE | BY | CHK |
| | | | |
| | | | |

| FIRST USED ON OPTION/MODEL | QTY | DESCRIPTION | PART NO. | ITEM NO. |
|--|---------------------|-----------------|---------------------------------|---------------------|
| TU | | PARTS LIST | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE | DRAWN C. A. ... | DATE 3-11-72 | EQUIPMENT CORPORATION | |
| DECIMALS ANGLES | CHK'D W. ... | DATE 10-7-72 | TITLE TU60 LOGIC (CRC LOGIC) | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | ENG M. ... | DATE 10-7-72 | MATERIAL NEXT HIGHER ASSY. | |
| FINISH | PROJ. ENG M. ... | DATE 10-7-72 | B-CD-TU60-0 | |
| | SCALE | | SIZE CODE DCS | NUMBER M7760-0-1 |
| | SHEET 4 OF 4 | DIST. | | REV. F |

Table with columns: Item No., Part No., Description, QTY, Ref. Designation. Rows include components like ETCH BOARD, X-Y COORDINATE HOLE LOCATION, ASSY/DRILLING HOLE LAYOUT, etc.

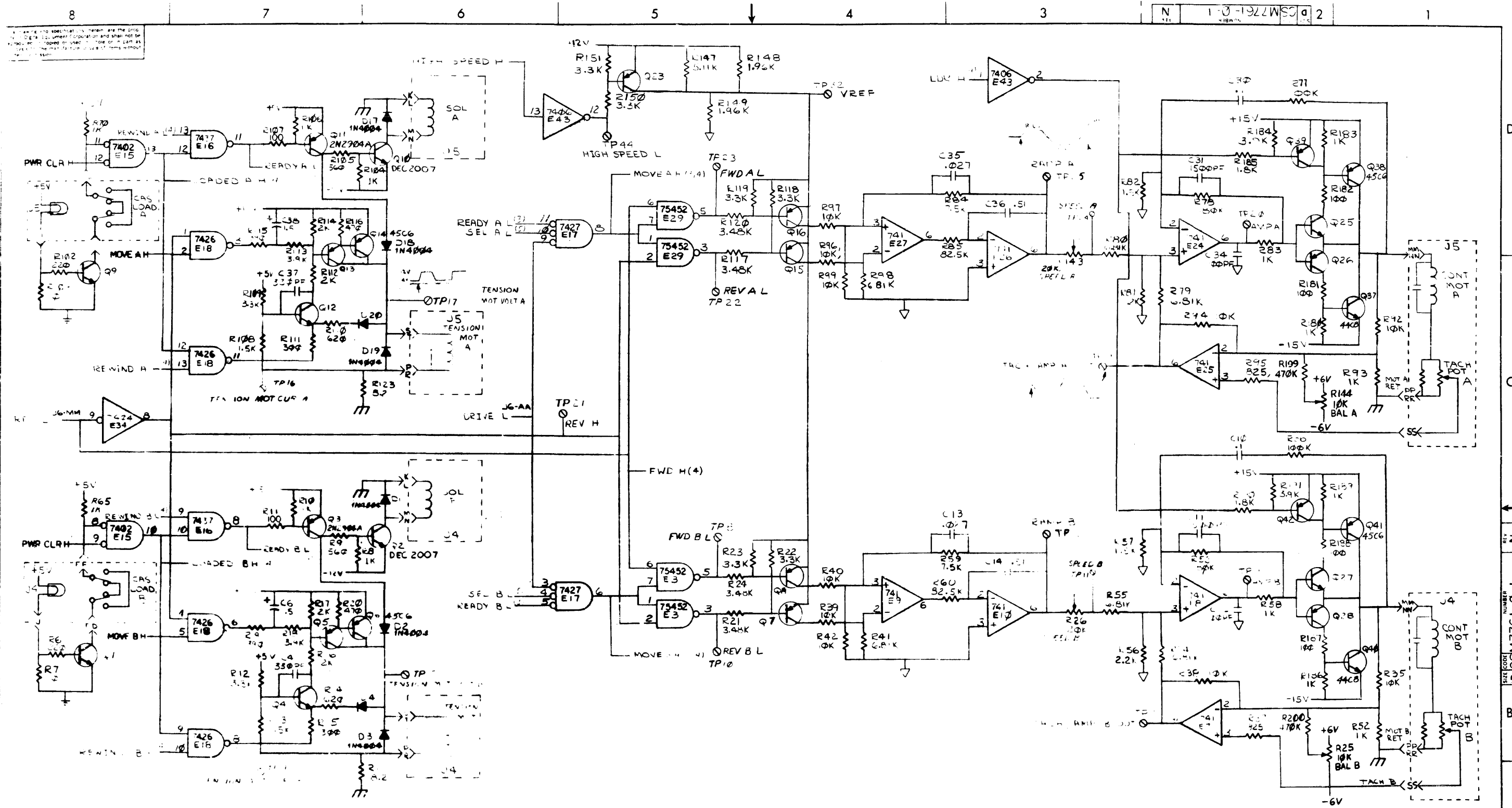
Table with columns: Item No., Part No., Description, QTY, Ref. Designation. Rows include components like RES 560 1W 5% CC, RES 620 1/4W 5% CC, RES 681 1/8W 1% MF, etc.

Table with columns: Item No., Part No., Description, QTY, Ref. Designation. Rows include components like IC 380, IC 41, IC 4024, etc.

COMPONENT SUBSTITUTION

Table for Component Substitution with columns: Item No., Part No., Description, QTY, Ref. Designation. Contains various electronic components and their substitutions.

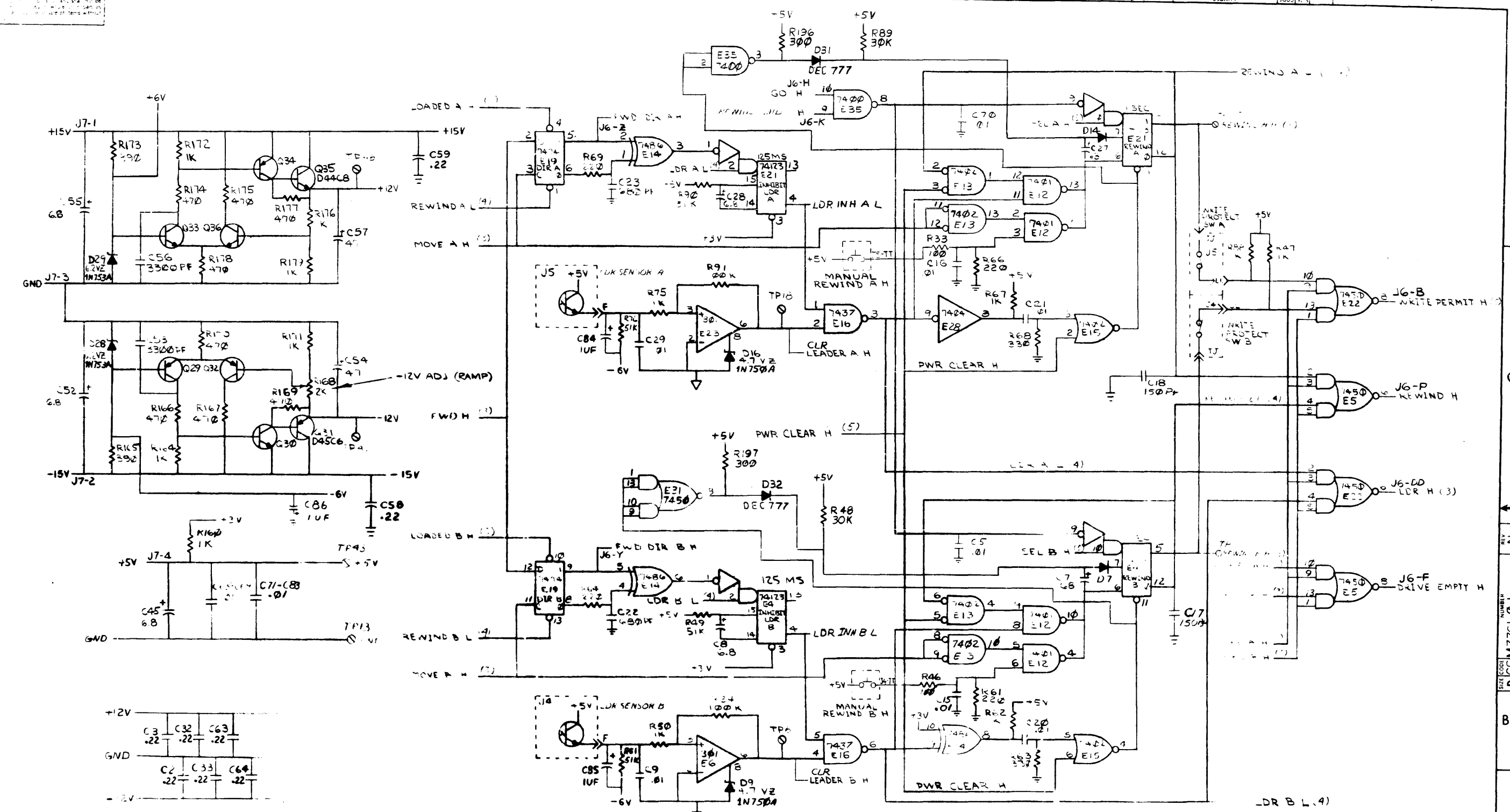
Form for ACCEPTANCE, SIGNATURE, DATE, PARTS LIST, and MATERIAL. Includes fields for drawing title 'READ/WRITE AND SERVO', company name 'digital EQUIPMENT CORPORATION', and drawing number 'M7761-0-1'.



| FIRST USED OR OPTION/MODEL | QTY | DESCRIPTION | PART NO. | ITEM NO. | |
|---|------------------|------------------|--|----------|--|
| PARTS LIST | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | DRN | DATE 2-11-72 | digital EQUIPMENT CORPORATION <small>WATSONVILLE, CALIFORNIA</small> | | |
| DECIMALS | CHK'D S | DATE 2-11-72 | | | |
| ANGLES | ENG | DATE 2-11-72 | | | |
| XXX - 000 XX - 02 X - 1 | M L E I C | DATE 2-11-72 | | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | PROJ ENG | DATE 2-11-72 | READ / WRITE AND SERVO (MOTOR CIRCUITS) | | |
| MATERIAL | DATE 2-11-72 | TITLE | | | |
| FINISH | DATE 2-11-72 | DATE 2-11-72 | | | |
| | DATE 2-11-72 | DATE 2-11-72 | | | |
| | NEXT HIGHER ASSY | SIZE CODE | | REV. | |
| | B-DD-TUG0-0 | NUMBER | | N | |
| | SCALE | D C S M 7761-0-1 | | | |
| | SHEET 3 OF 5 | DIST | | | |

REV. 1
PANEL TO

DCSM7761-0-1
 REV. N
 SIZE CODE
 NUMBER
 DIST

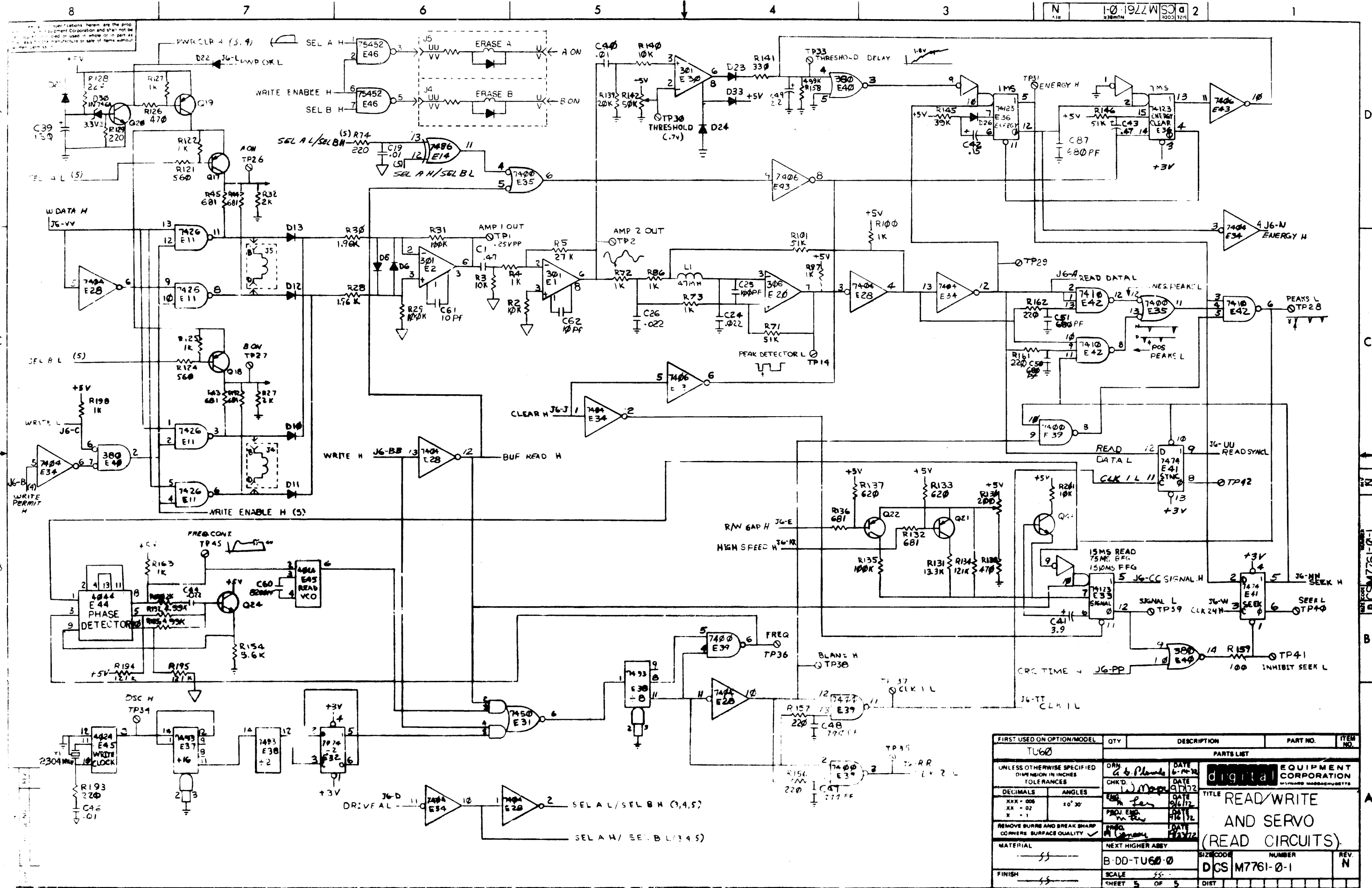


+5V — J4-W,X, J5-W,X, 4 T, 11, V.
 -5V — J4-H, E, H, P, L, Y, Z, 3B, PP, RR.
 +12V — J4-A, E, H, K, L, Y, Z, RA, BB, PP, RR.
 -12V — J6-EE, FF, HH, JJ.

| FIRST USED ON OPTION/MODEL | QTY | DESCRIPTION | PART NO. | ITEM NO. |
|---|----------------------|----------------|---|----------|
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | DATE 9/1/72 | DATE 9/1/72 | EQUIPMENT CORPORATION MILWAUKEE, WISCONSIN | |
| DECIMALS | ANGLES | DATE 9/1/72 | | |
| XXX - 000 XX - 02 X - 1 | 10' 30" | DATE 9/1/72 | TITLE READ/WRITE AND SERVO (REWIND/REG) | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | DATE 9/1/72 | DATE 9/1/72 | | |
| MATERIAL | NEXT HIGHER ASSEMBLY | DATE 9/1/72 | NUMBER DCS M7761-0-1 | |
| FINISH | SCALE | DATE 9/1/72 | | |
| SHEET 4 OF 5 | | DIST. | | REV N |

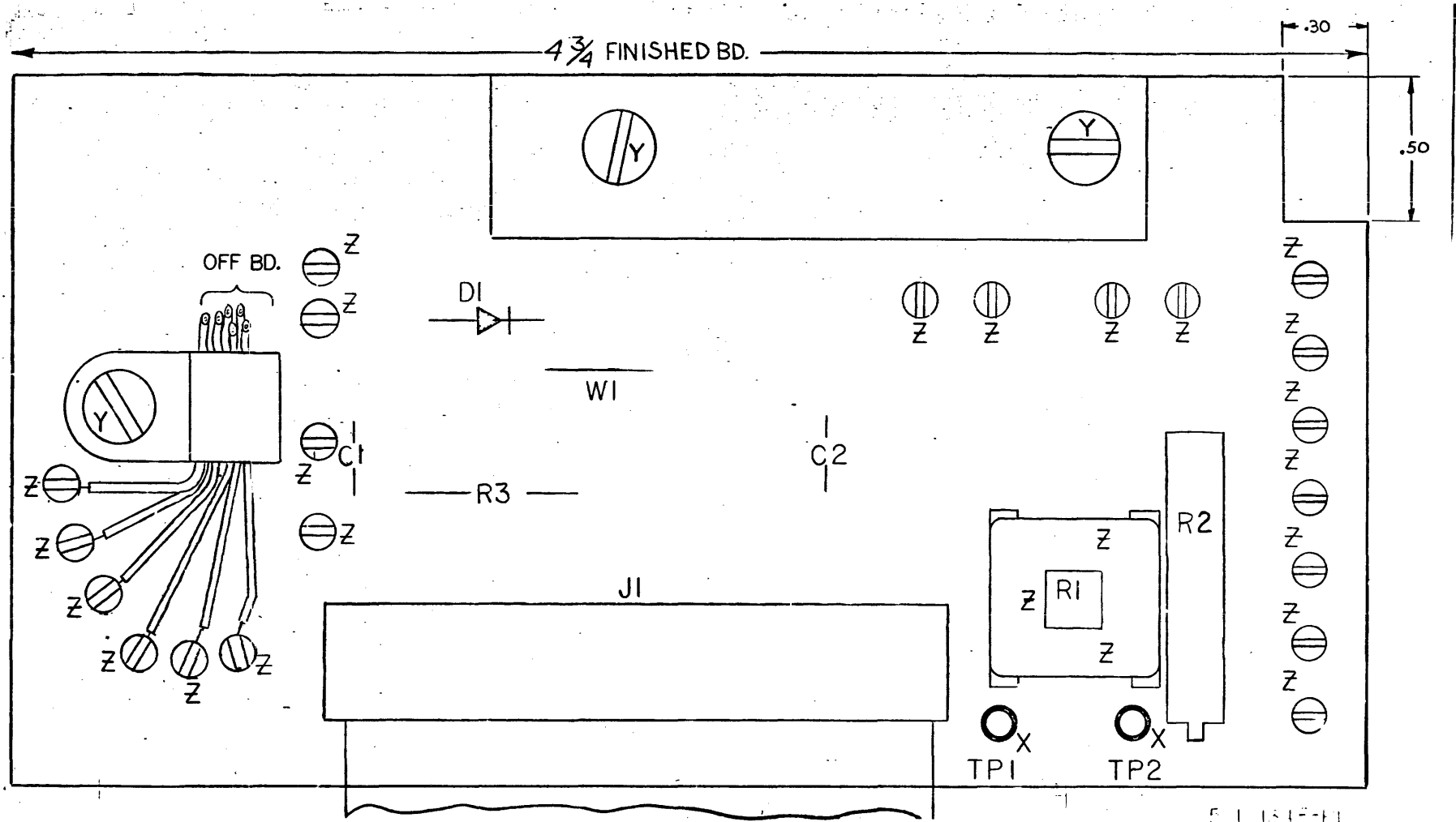
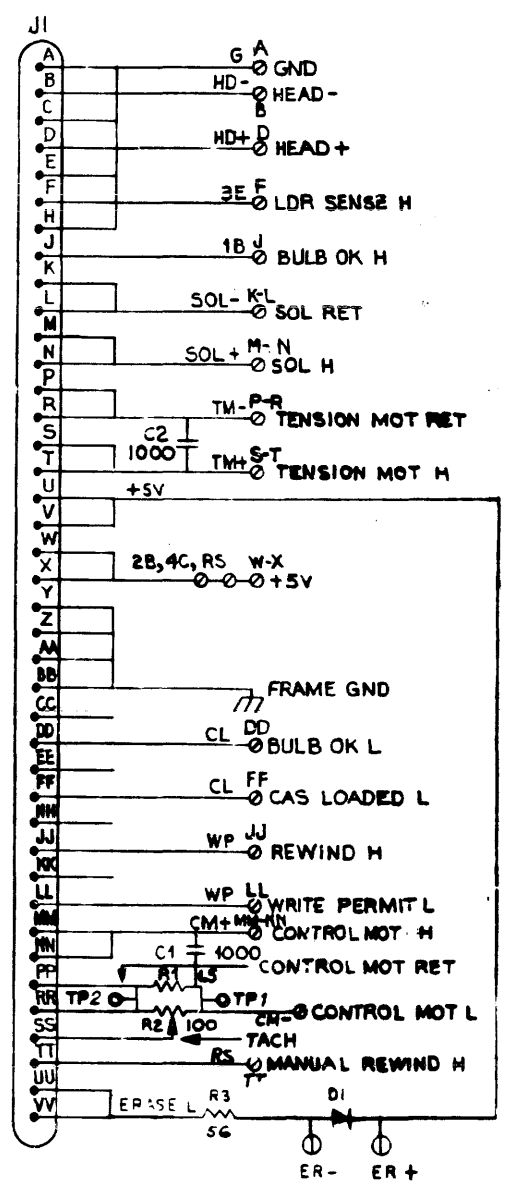
REV N
NUMBER
DCS M7761-0-1

A



| FIRST USED ON OPTION/MODEL | QTY | DESCRIPTION | PART NO. | ITEM NO. |
|---|------------------|--------------|---|----------|
| TU60 | | PARTS LIST | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | | DATE 6-19-72 | EQUIPMENT CORPORATION MILFORD MASSACHUSETTS | |
| DECIMALS | ANGLES | DATE 3-17-72 | TITLE READ/WRITE AND SERVO (READ CIRCUITS) | |
| XXX - 008 | 10° 30' | DATE 3-17-72 | | |
| XX - 02 | | DATE 3-17-72 | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | | DATE 3-17-72 | REV N | |
| MATERIAL | NEXT HIGHER ASSY | SIZE CODE | NUMBER | |
| FINISH | B-DD-TU60-0 | SCALE | DGS M7761-0-1 | |
| | SHEET 5 OF 5 | SCALE | | |

NOTES:
 1. UNLESS OTHERWISE SPECIFIED:
 RESISTANCE IS IN OHMS,
 CAPACITANCE IS IN PICOFARADS.



| | | |
|--|-----|-----|
| IC TYPE | GND | +5V |
| GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE. | | |
| IC PIN LOCATIONS | | |

| QTY | REF DESIGNATION | DESCRIPTION | PART NO. | ITEM NO. |
|-----|-----------------|--------------------------------|------------------|----------|
| 1 | W1 | NO. 22 AWG | 9107560-01 | 14 |
| 1 | DI | DIGIF DGG4 | 1100114 | 13 |
| 1 | R3 | RES 56 1/2 W 5% CC | 1309995 | 12 |
| REF | | TERMINATOR CASSETTE DRIVE ASSY | D-IA-500134-0-0 | 11 |
| 2 | TP1, TP2 | TURRET LUG #1026-2 | 9007791 | 10 |
| 2 | C1, C2 | CAP 1000 DM | 1000042 | 9 |
| 1 | R1 | RES 1.5 10W WIRE WOUND | 131112 | 8 |
| 1 | R2 | RES 100 3/4W 5% POT 16PR | 1309143-04 | 7 |
| 1 | J1 | CONNECTOR 40 TERMINAL | 210073 | 6 |
| 21 | | SPLIT LUGS | 9006735 | 5 |
| REF | | MODULE ECO HISTORY | B-MH-5410135-0-4 | 4 |
| REF | | X-Y COORDINATE HOLE LOCATION | 2-0-5410135-0-4 | 3 |
| 1 | | ETCHED CIRCUIT BOARD | 2010134 | 1 |

FIRST USED ON OPTION MODEL: T11-9

ETCH BOARD REV: E

REVISIONS:

| REV | DATE | DESCRIPTION |
|-----|----------|-------------------------|
| 1 | 11/27/78 | INITIAL DESIGN |
| 2 | 12/1/78 | REVISED FOR MANUFACTURE |
| 3 | 12/1/78 | REVISED FOR MANUFACTURE |
| 4 | 12/1/78 | REVISED FOR MANUFACTURE |
| 5 | 12/1/78 | REVISED FOR MANUFACTURE |
| 6 | 12/1/78 | REVISED FOR MANUFACTURE |
| 7 | 12/1/78 | REVISED FOR MANUFACTURE |
| 8 | 12/1/78 | REVISED FOR MANUFACTURE |
| 9 | 12/1/78 | REVISED FOR MANUFACTURE |
| 10 | 12/1/78 | REVISED FOR MANUFACTURE |
| 11 | 12/1/78 | REVISED FOR MANUFACTURE |
| 12 | 12/1/78 | REVISED FOR MANUFACTURE |
| 13 | 12/1/78 | REVISED FOR MANUFACTURE |
| 14 | 12/1/78 | REVISED FOR MANUFACTURE |

SEMICONDUCTOR CONVERSION CHART

SCALE: 2/1

SHEET: 1 OF 1

DRN: 1/3/78 DATE: 2-3-78

ENG: J. MAZOL DATE: 10/1/78

PROJ: 10/1/78 DATE: 10/1/78

NEXT HIGHER ASSY: D-IA-7009041-0-0

SIZE CODE: NUMBER: DCS 5410135-0-1 REV: E

EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TERMINATOR, CASSETTE DRIVE

CUSTOMER PRINT SET INDEX

SEQUENCE 75

SEQUENCE 75

THIS IS PRINT SET

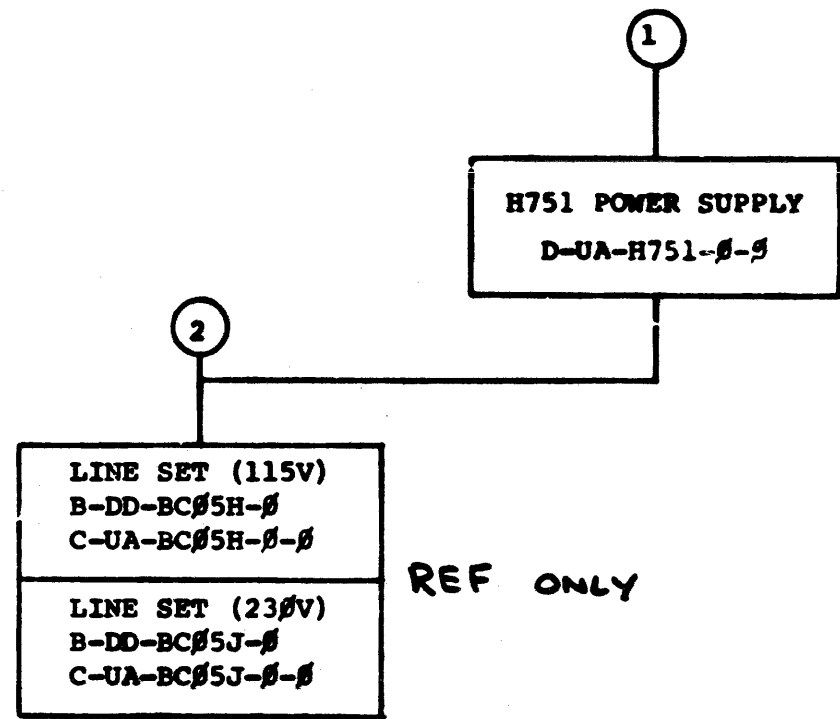
DRAWING DIRECTORY
CIRCUIT SCHEMATIC
UNIT ASSY
UNIT ASSY (PL)
CIRCUIT SCHEMATIC

B-DD-H751-β
D-CS-H751-β-1
D-UA-H751-β-β
A-PL-H751-β-β
D-CS-5410131-0-1

| UNIT VARIATIONS | | PRINT SET | | |
|-----------------|------------------------|-----------|--|--|
| VAR | TITLE | H751-β | | |
| H751-A | H751 POWER SUPPLY 115V | x | | |
| H751-B | H751 POWER SUPPLY 230V | x | | |
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| REVISIONS | | CHG. NO. | REV |
|-----------|-------|----------|-----|
| DATE | 12-72 | H751-1 | A |
| | 3-73 | H751-2 | B |
| | 4-73 | H751-3 | C |
| | 8-73 | H751-4 | D |
| | 10-73 | H751-5 | E |

| | | | | | | | | |
|----------------------|--|-------------|----------|-------|------|--------|--------|-----|
| USED ON OPTION/MODEL | | DRN. | DATE | TITLE | SIZE | CODE | NUMBER | REV |
| TU6β | | B. MAJOR | 10/25/72 | | | | | |
| | | CHK'D. | DATE | | | | | |
| | | PROJ ENG. | DATE | | | | | |
| | | PROD | DATE | | | | | |
| | | FIELD SERV. | DATE | | | | | |
| SHEET 1 OF 3 | | | | B | DD | H751-β | E | |
| | | | | DIST | | | | |



| TITLE | SHEET 2 OF 3 | SIZE CODE | NUMBER | REV |
|-------------------|--------------|-----------|--------|-----|
| H751 POWER SUPPLY | 2 OF 3 | B DD | H751-β | E |

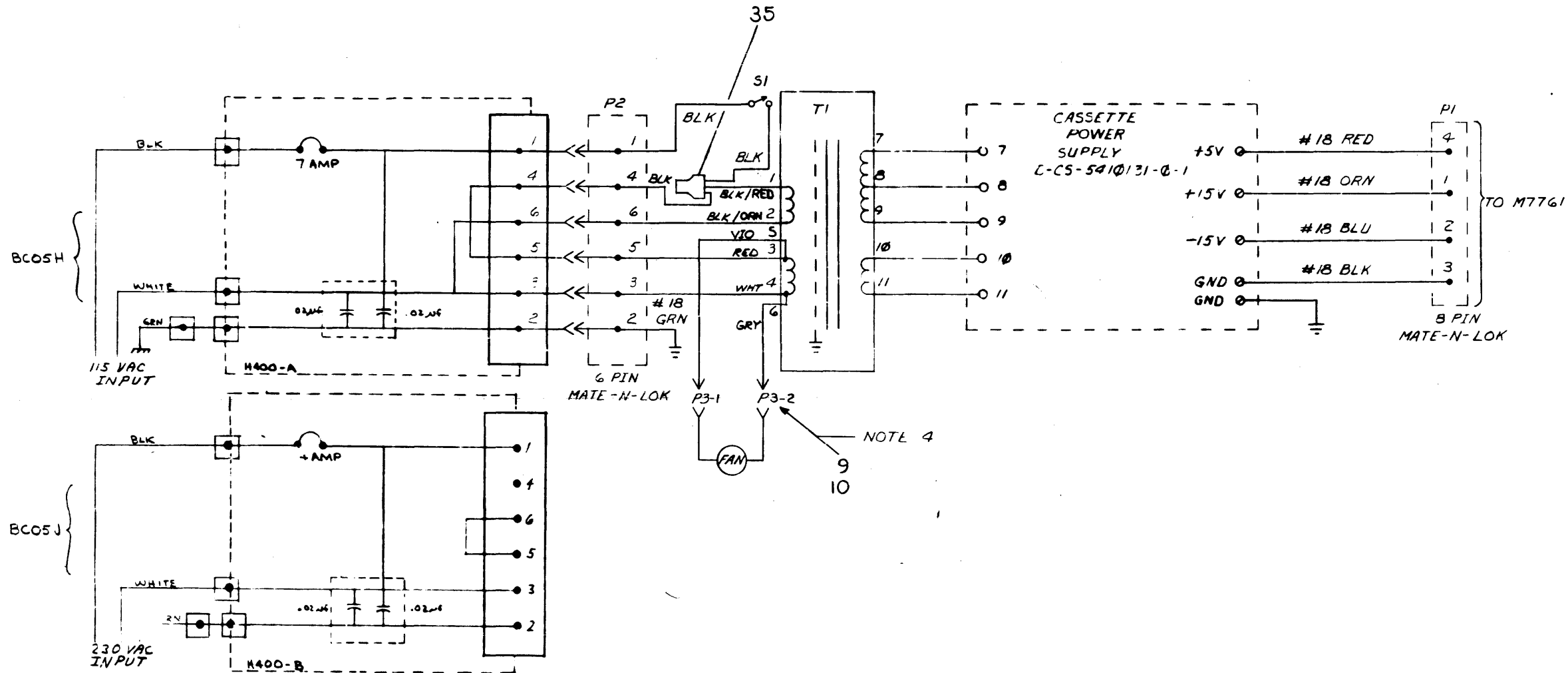
| CUSTOMER PRINT SET | | | | ELECTRICAL | | | | | CUSTOMER PRINT SET | | | | MECHANICAL | | | | | | | |
|--------------------|--|--|--|------------|------------------|-----|-----------|------------------------|----------------------|--------|--|--|------------|---------|------------------|-----|-----------|------------------------|----------------------|--|
| H751-0 | | | | PRG NO. | DRAWING NO. | REV | NO OF SHT | DESCRIPTION | OPTION NO./FILE DATE | H751-0 | | | | PRG NO. | DRAWING NO. | REV | NO OF SHT | DESCRIPTION | OPTION NO./FILE DATE | |
| X | | | | 1 | D-UA-H751-0-0 | E | 2 | H751 POWER SUPPLY | | | | | | 1 | D-UA-H751-0-0 | # | 2 | H751 POWER SUPPLY | | |
| X | | | | | A-PL-H751-0-0 | E | 2 | H751 POWER SUPPLY (PL) | | | | | | | A-PL-H751-0-0 | # | 2 | H751 POWER SUPPLY (PL) | | |
| | | | | | E-IA-5310191-0-0 | | 1 | CHASSIS, POWER SUPPLY | | | | | | | E-IA-5310191-0-0 | | 1 | CHASSIS, POWER SUPPLY | | |
| X | | | | | D-CS-H751-0-1 | # | 1 | CIRCUIT SCHEMATIC H751 | | | | | | | | | | | | |
| X | | | | | D-CS-5410131-0-1 | # | 2 | CIRCUIT SCHEMATIC | | | | | | | | | | | | |
| | | | | 2 | B-DD-BC05H-0 | # | 3 | LINE SET | | | | | | | | | | | | |
| | | | | | C-UA-BC05H-0-0 | | 1 | LINE SET BC05H (115V) | | | | | | | | | | | | |
| | | | | | C-UA-BC05J-0-0 | | 1 | LINE SET BC05J (230V) | | | | | | | | | | | | |

| | | | | | | | | | | |
|--------------------------|--|-------|-------------------|--------------|-----------|------|--------|--------|-----|---|
| CUSTOMER PRINT SET CODES | X = PRINT OF DOCUMENT INCLUDED IN PRINT SET | TITLE | H751 POWER SUPPLY | SHEET 3 OF 3 | SIZE CODE | B DD | NUMBER | H751-0 | REV | E |
| | C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT | | | | | | | | | |
| | S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED | | | | | | | | | |

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NOTES:

1. WIRES NUMBERED 1-11 ARE TRANSFORMER LEADS.
2. FOR DIAGRAM OF CASSETTE POWER SUPPLY SEE D-CS-5410131-0-1.
3. @ INDICATES SPLIT LUGS.
4. P3-1 AND P3-2 ARE FAN PASTAPES.



NOTE 4
9
10

| IC TYPE | GND | +5V |
|---------|-----|-----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.

| FIRST USED ON OPTION MODEL H751 | | | | |
|------------------------------------|-----------------|-------------|---------|----------|
| QTY | REF DESIGNATION | DESCRIPTION | PART NO | ITEM NO. |
| PARTS LIST | | | | |
| ETCH BOARD REV | | | | |
| | | | | |
| CIRCUIT SCHEMATIC H751 | | | | |
| 6-DC H751-0-1 | | | | |
| SEMICONDUCTOR CONVERSION CHART | | | | |

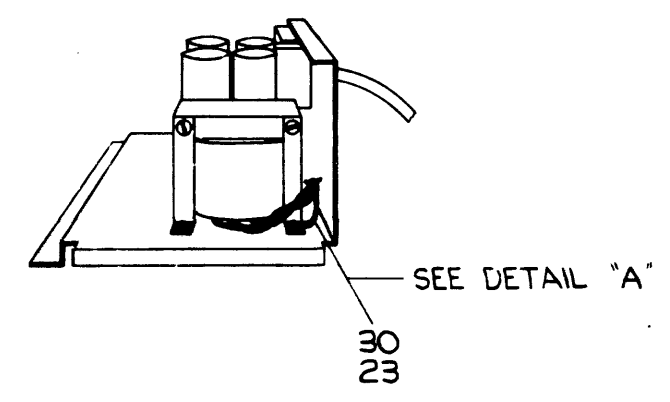
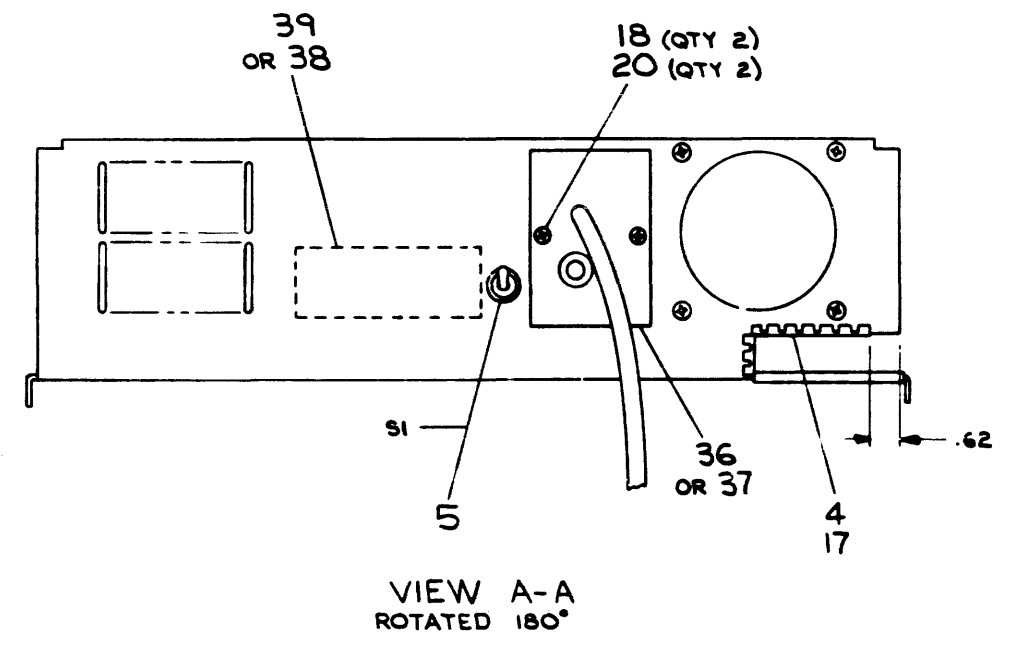
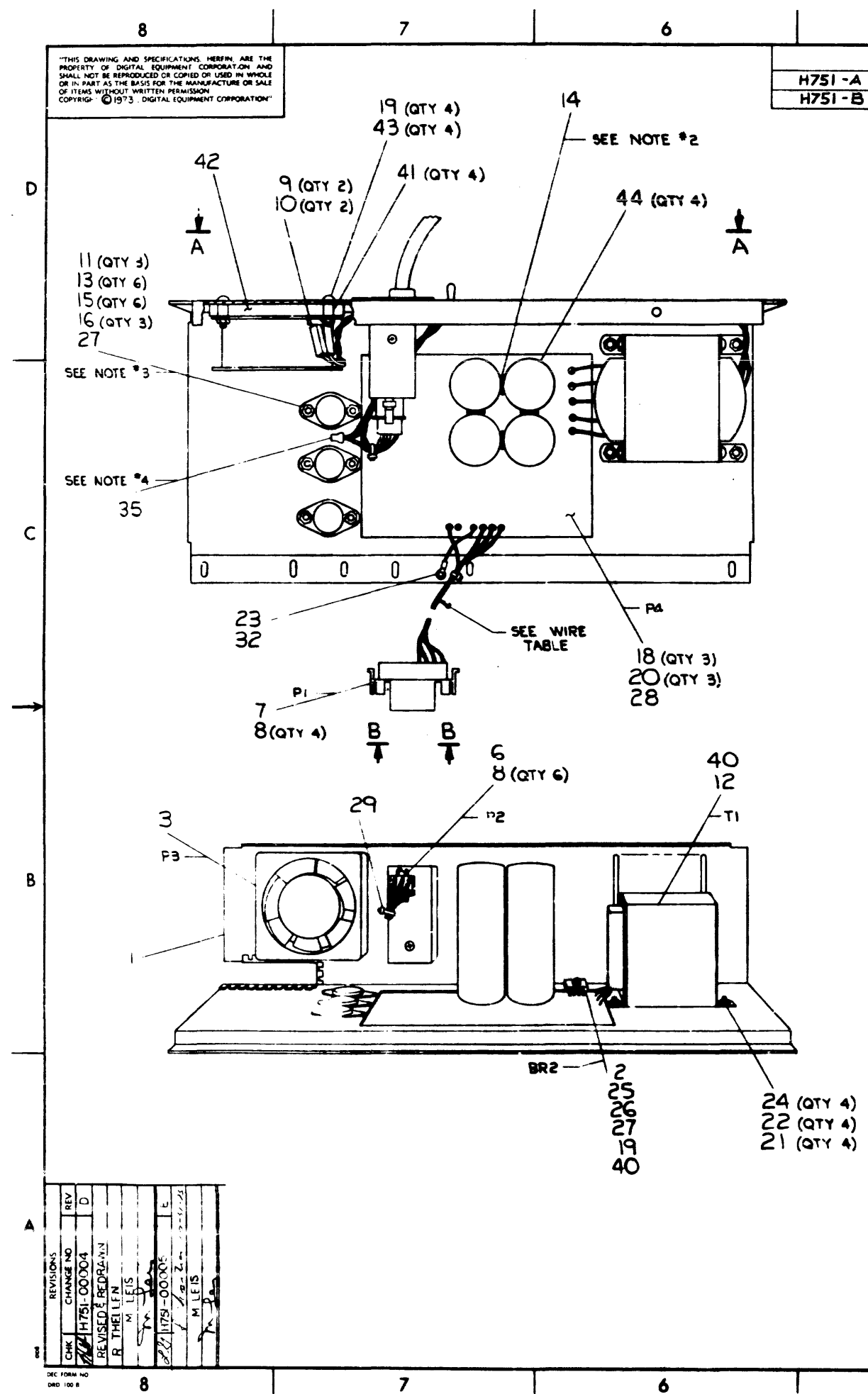
1-D-132-1
 DCS H751-0-1
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| LEGEND | |
|--------|-------|
| H751-A | 115 V |
| H751-B | 230 V |

NOTES:

1. MOUNT ITEM *28 (CASSETTE POWER SUPPLY) TO ITEM *1 (CHASSIS) BEFORE MOUNTING ITEMS *2, *11, & *12.
2. USE ITEM *14 (TAPE) BETWEEN EACH OF FOUR LARGE CAPACITORS AS SHOWN.
3. ITEM *27 (COMPOUND) TO BE APPLIED TO BOTH SIDES OF ITEM *16 (WASHER) BEFORE ASSEMBLY.
4. USE CRIMP TOOL #45219 FOR ITEM *35.
5. *'S IN PARENTHESIS INDICATE QUANTITY USED AT THAT LOCATION.

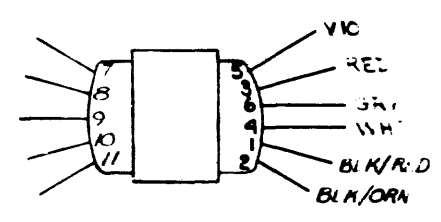


| REV | CHG | NO | DATE | BY |
|-----|-----|----|------|----|
| D | | | | |
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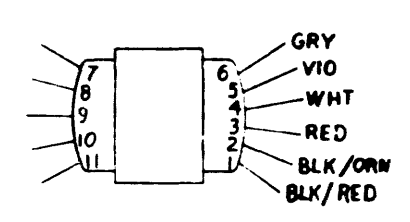
| FIRST USED ON OPTION/MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. |
|--|---------------------|---------------|-------------------------------|----------|
| TUGØ | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES | DRN. F. CARBERRY | DATE 9-25-72 | PARTS LIST | |
| TOLERANCES | CHK'D. B. MAJOR | DATE 10-25-72 | | |
| DECIMALS | ENG. LARRY NARHI | DATE 10-25-72 | TITLE H751 POWER SUPPLY | |
| ANGLES | PROJ. ENG. M. EIS | DATE 10-25-72 | | |
| .XXX = .005 | PROD. B. DIGREGORIO | DATE 10-25-72 | MATERIAL NEXT HIGHER ASSY. | |
| .XX = .02 | | | | |
| .X = .1 | | | SCALE NONE | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY Y | | | | |
| | B-DD-H751-Ø | SIZE CODE | NUMBER | REV. |
| | | DUA | H751-Ø-Ø | E |
| | SHEET 1 OF 2 | DIST | | |

WIRE TABLE

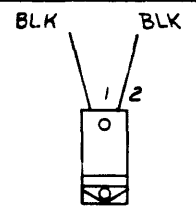
| ITEM NO | DESCRIPTION | FROM | | TO | | REMARKS | LENGTH (IN) | |
|---------|-------------|------|-------|-----------|--------|---------|-------------|--------------|
| | | AWG | COLOR | CONN | WITH | | | CONN |
| 5 | 8 BLK | | | S1-1 | | P2-1 | 8 | DO NOT CUT |
| 5 | 18 BLK | | | S1-2 | | | | DO NOT CUT |
| 12 | 18 BLK/RED | | | T1-1 | | | 35 | SEE NOTE 4 |
| 32 | 18 BLK | | | P2-4 | 8 | | | 3 |
| 12 | 18 VIO | | | T1-5 | | P3-1 | 9,10 | 18 |
| 12 | 18 RED | | | T1-3 | | P2-5 | 8 | 18 |
| 12 | 18 WHT | | | T1-4 | | P2-3 | 8 | 18 |
| 30 | 18 GRN | | | P2-2 | 8 | GND | 23 | SEE DETAIL A |
| 12 | 18 GRY | | | T1-6 | | P3-2 | 9,10 | 18 |
| 12 | 18 | | | T1-7 | 40 | P4-7 | | SOLDER 1 1/4 |
| 12 | 18 | | | T1-8 | 40 | P4-8 | | SOLDER 1 1/4 |
| 2 | 8 | | | T1-9 | 40 | P4-9 | | SOLDER 1 1/4 |
| 12 | 18 | | | T1-10 | 40 | P4-10 | | SOLDER 1 1/4 |
| 12 | 18 | | | T1-11 | 40 | P4-11 | | SOLDER 1 1/4 |
| 31 | 18 RED | | | P4 - +SV | SOLDER | P1-4 | 8 | 16 |
| 33 | 8 ORN | | | P4 - +15V | SOLDER | P1-1 | 8 | 16 |
| 34 | 18 BLU | | | P4 - -15V | SOLDER | P1-2 | 8 | 16 |
| 32 | 18 BLK | | | P4 - GND | SOLDER | P1-3 | 8 | 16 |
| 12 | 18 BLK/ORN | | | T1-2 | | P2-6 | 8 | 18 |
| 2 | | | | BR2-(+) | 40 | P4-(+) | | SOLDER 1 |
| 2 | | | | BR2-(-) | 40 | P4-(-) | | SOLDER 1 |
| 2 | | | | BR2-A | 40 | P4-A | | SOLDER 1 |
| 2 | | | | BR2-B | 40 | P4-B | | SOLDER 1 |
| 32 | 18 BLK | | | P4 - GND | SOLDER | | 23 | 2 |



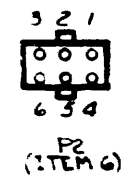
T1 TOP VIEW (ITEM 12)



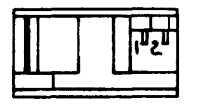
T1 (ALTERNATE VENDOR)



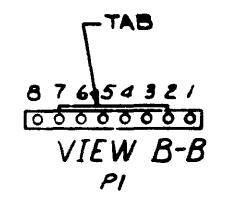
S1 REAR VIEW (ITEM 5)



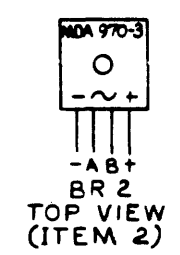
P2 (ITEM 6)



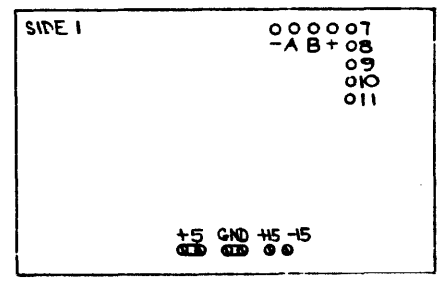
P3 (ITEM 3) TOP VIEW



VIEW B-B P1



TOP VIEW (ITEM 2)



P4 (ITEM 28)

| FIRST USED ON OPTION/MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. |
|---|-------------------|---------------|--|----------|
| TU60 | | | | |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | | DATE 9/26/74 | digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS | |
| DECIMALS | ANGLES | DATE 10/2/74 | | |
| .XX ± .02 | ± 0° 30' | DATE 10-25-74 | | |
| X - 1 | | DATE 10/2/74 | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | | DATE 10/2/74 | TITLE H751 POWER SUPPLY | |
| MATERIAL | NEXT HIGHER ASSY. | DATE | SIZE CODE | NUMBER |
| | B-DD-H751-9 | | DUA | H751-0-0 |
| FINISH | SCALE NONE | DATE | SHEET 2 OF 2 | REV E |

DEC FORM NO. 115-101-1
REV. 10-67 15-68

| DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST | | | | QUANTITY / VARIATION | | | | | | | | | | | | | |
|--|--------------------|--------------------------------------|--|---------------------------|--|-------------------|--------|--------------------|--|--|--|----------|--|-----------------------|--|--|--|
| MADE BY F. CARBERRY | | CHECKED W. MAJOR | | SECTION | | H751-A | H751-B | | | | | | | | | | |
| DATE 9/19/72 | | DATE 10/6/72 | | 1 | | | | | | | | | | | | | |
| ENG Larry Thelie | | PROD Bob De... | | ISSUED SECT. | | | | | | | | | | | | | |
| DATE 10/26/72 | | DATE 10/26/72 | | 1 | | | | | | | | | | | | | |
| ITEM NO | DWG NO. / PART NO. | DESCRIPTION | | | | | | | | | | | | | | | |
| 1 | E-IA-191-0-0 | CHASSIS, POWER SUPPLY | | | | 1 | 1 | | | | | | | | | | |
| 2 | 1110208 | DIODE ARRAY MDA970-3 (BR2) | | | | 1 | 1 | | | | | | | | | | |
| 3 | 1210719 | FAN, BOXER 115V, 25-35 CUFT | | | | 1 | 1 | | | | | | | | | | |
| 4 | 9007036 | GROMMET, CATERPILLAR | | | | A/R | A/R | | | | | | | | | | |
| 5 | 1203376 | SWITCH, TOGGLE SPST | | | | 1 | 1 | | | | | | | | | | |
| 6 | 1209351-06 | CONNECTOR, MATE-N-LOCK 6 PIN | | | | 1 | 1 | | | | | | | | | | |
| 7 | 1209340-01 | CONNECTOR, MATE-N-LOK 8 PIN | | | | 1 | 1 | | | | | | | | | | |
| 8 | 1209378-01 | PIN, MATE-N-LOK | | | | 10 | 10 | | | | | | | | | | |
| 9 | 1210820-01 | MINI-FASTAB, HOUSING #1-480417-0 | | | | 2 | 2 | | | | | | | | | | |
| 10 | 1210820-02 | MINI-FASTAB, PIN #60291-1 | | | | 2 | 2 | | | | | | | | | | |
| 11 | 1505819 | TRANSISTOR, 2N3055 (Q2, Q3, Q4) | | | | 3 | 3 | | | | | | | | | | |
| 12 | 1611096 | TRANSFORMER, MMC 4565-1/T721.05 (T1) | | | | 1 | 1 | | | | | | | | | | |
| 13 | 9006012-1 | SCR. #4-40 x 7/16, PHL PAN HD | | | | 6 | 6 | | | | | | | | | | |
| 14 | 9007834 | TAPE, DOUBLE SIDED, 1/2 INCH | | | | A/R | A/R | | | | | | | | | | |
| 15 | 9006557 | KEP NUT #4 | | | | 6 | 6 | | | | | | | | | | |
| 16 | 9006721 | WASHER, INSULATING | | | | 3 | 3 | | | | | | | | | | |
| 17 | | LOCTITE, 18-15# | | | | A/R | A/R | | | | | | | | | | |
| 18 | 9006633 | LOCK WASHER #6, INT TOOTH | | | | 5 | 5 | | | | | | | | | | |
| 19 | 9008185 | KEP NUT #6 | | | | 5 | 5 | | | | | | | | | | |
| 20 | 9006020-1 | SCR, 6-32 x 1/4, PHL PAN HD | | | | 5 | 5 | | | | | | | | | | |
| 21 | 9006039-1 | SCR, 8-32 x 1/4, PHL PAN HD | | | | 4 | 4 | | | | | | | | | | |
| 22 | 9006666 | WASHER, FLAT, #8 | | | | 4 | 4 | | | | | | | | | | |
| TITLE H751 POWER SUPPLY | | | | ASSY NO. D-UA-H751-β-β | | SIZE CODE A PL | | NUMBER H751-β-β | | | | REV E | | ECO NO. H751-00005 | | | |
| | | | | SHEET 1 OF 2 | | DIST. | | | | | | | | | | | |

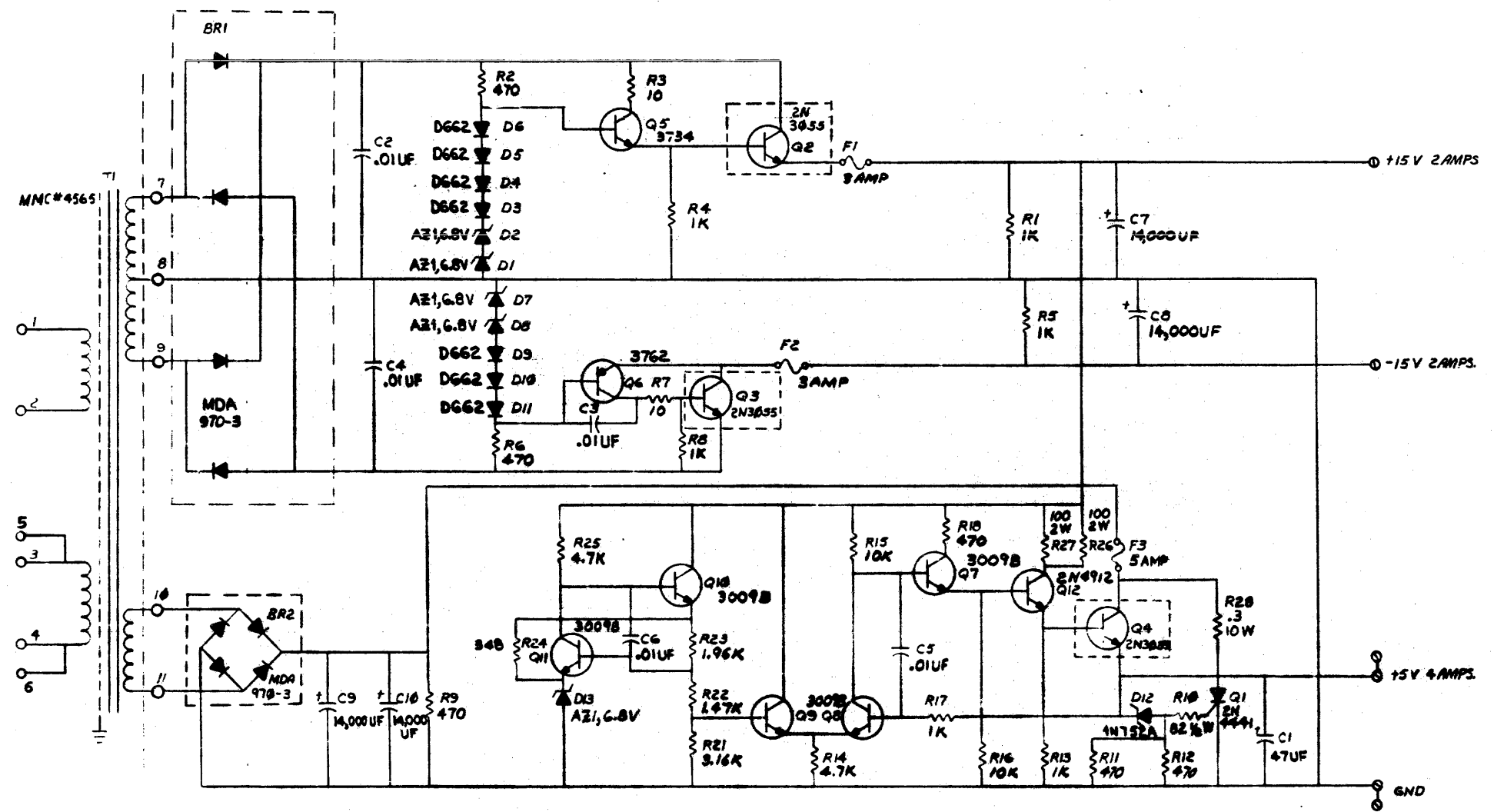
DEC FORM DEC 16 (325) 1031-N870
DRA 110

| DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST | | | | QUANTITY / VARIATION | | | | | | | | | | | | | |
|--|--------------------|---------------------------------------|--|---------------------------|--|-------------------|--------|--------------------|--|--|--|----------|--|---------|--|--|--|
| MADE BY F. CARBERRY | | CHECKED W. MAJOR | | SECTION | | H751-A | H751-B | | | | | | | | | | |
| DATE 9/19/72 | | DATE 10/6/72 | | 1 | | | | | | | | | | | | | |
| ENG Larry Thelie | | PROD Bob De... | | ISSUED SECT. | | | | | | | | | | | | | |
| DATE 10/26/72 | | DATE 10/26/72 | | 1 | | | | | | | | | | | | | |
| ITEM NO | DWG NO. / PART NO. | DESCRIPTION | | | | | | | | | | | | | | | |
| 23 | 9006776 | CONN, SOLDERLESS, AMP #31889 | | | | 2 | 2 | | | | | | | | | | |
| 24 | 9006563 | KEP NUT, #8 | | | | 4 | 4 | | | | | | | | | | |
| 25 | 9007793-1 | SCR, #6-32 x 9/16, PHL PAN HD | | | | 1 | 1 | | | | | | | | | | |
| 26 | 9006656 | WASHER, FLAT, #6 | | | | 1 | 1 | | | | | | | | | | |
| 27 | 9008268 | COMPOUND, THERMAL JOINT | | | | A/R | A/R | | | | | | | | | | |
| 28 | D-CS-5410131-0-1 | CASSETTE POWER SUPPLY | | | | 1 | 1 | | | | | | | | | | |
| 29 | 9007031 | CABLE TIE, PANDUIT, SST 1 M | | | | A/R | A/R | | | | | | | | | | |
| 30 | 9107360-55 | WIRE, #18 AWG STRD, IPVC, GRN | | | | A/R | A/R | | | | | | | | | | |
| 31 | 9107360-22 | WIRE, #18 AWG, STRD, IPVC, RED | | | | A/R | A/R | | | | | | | | | | |
| 32 | 9107360-00 | WIRE, #18 AWG, STRD, IPVC, BLK | | | | A/R | A/R | | | | | | | | | | |
| 33 | 9107360 | WIRE, #18 AWG, STRD, IPVC, ORN | | | | A/R | A/R | | | | | | | | | | |
| 34 | 9107360-66 | WIRE, #18 AWG, STRD, IPVC, BLU | | | | A/R | A/R | | | | | | | | | | |
| 35 | 9009541 | SPLICE, CLOSED END AMP #36965 | | | | 1 | 1 | | | | | | | | | | |
| 36 | C-UA-BC05H-β-β | LINE CORD SET, 115VAC | | | | 1 | | | | | | | | | | | |
| 37 | C-UA-BC05J-β-β | LINE CORD SET, 230VAC | | | | | 1 | | | | | | | | | | |
| 38 | A-DC-5310297-0-0 | H751-A DECAL (115V) | | | | 1 | | | | | | | | | | | |
| 39 | A-DC-5310298-0-0 | H751-B DECAL (230V) | | | | | 1 | | | | | | | | | | |
| 40 | 9107278-00 | TUBING, BLACK, TFE #18 AWG | | | | A/R | A/R | | | | | | | | | | |
| 41 | 3007615 | 1/4 X 1/4 X 6 ROUND FIBER SPACER | | | | 4 | 4 | | | | | | | | | | |
| 42 | A-PS-1211343-0-0 | FILTER | | | | 1 | 1 | | | | | | | | | | |
| 43 | 9006025-1 | SCR. 6-32 X 5/8 PHL. PAN HD. | | | | 4 | 4 | | | | | | | | | | |
| 44 | 1011023 | CAP, 14000 UF, 20V, (C7, C8, C9, C10) | | | | 4 | 4 | | | | | | | | | | |
| TITLE H751 POWER SUPPLY | | | | ASSY NO. D-UA-H751-β-β | | SIZE CODE A PL | | NUMBER H751-β-β | | | | REV E | | ECO NO. | | | |
| | | | | SHEET 2 OF 2 | | DIST. | | | | | | | | | | | |

DEC FORM DEC 16 (325) 1031-N870
DRA 110

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CS 5410131-01 2



O INDICATES HOLES FOR DIODE BRIDGE
Q2, Q3, Q4, BR2 & T1 ARE MOUNTED ON
CHASSIS/HEAT SINK

| QTY | REF DESIGNATION | DESCRIPTION | PART NO. | ITEM NO. |
|---|-----------------|-------------|------------------------------|-----------|
| PARTS LIST | | | | |
| ETCH BOARD REV C | | | | |
| digital EQUIPMENT CORPORATION MAYFORD, MASSACHUSETTS | | | | |
| TITLE CASSETTE POWER SUPPLY | | | | |
| DEC NO. EIA NO. DEC NO. EIA NO. | | | SIZE CODE DCS 5410131-0-1 | REV. E |
| SEMICONDUCTOR CONVERSION CHART | | | | |
| SHEET 2 OF 2 | | | DIST. | |

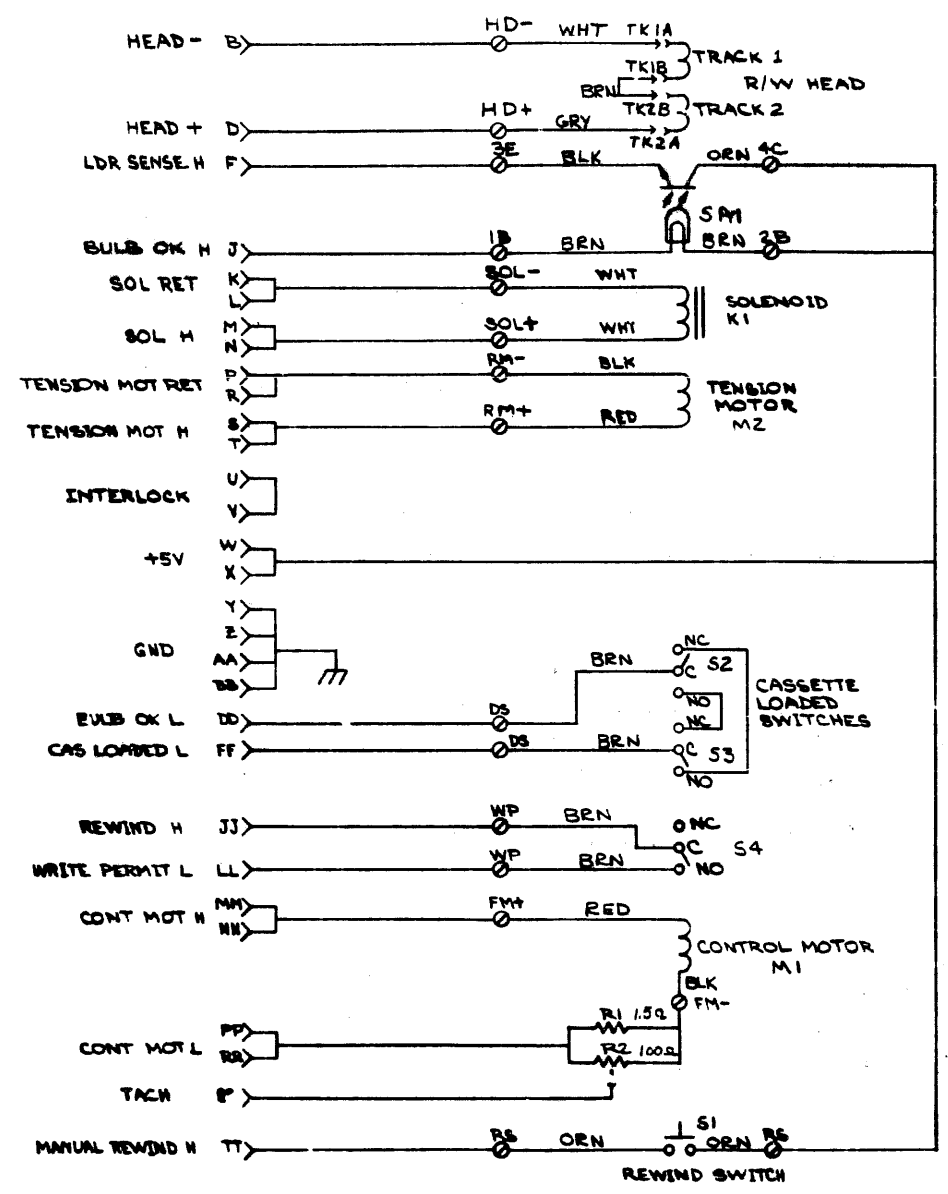
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GM-0-0901 CW 2

NOTES:

- SWITCHES ARE SHOWN WITH "CAS LOADED" AND "WRITE PERMIT" ACTIVATED.
- CONNECT WIRE (ITEMS #44 & #45) TO HEAD (ITEM #20) USING CONNECTOR PINS SUPPLIED WITH HEAD (ITEM #20). SEE DETAIL "A".



| PART USED OR OPTION/MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. |
|--|---------|-------------------|---------------|-----------|
| TU60 | | PARTS LIST | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES | | | | |
| DECIMALS | ANGLES | | | |
| .XXX - .000 | ±0° 30' | | | |
| .XX - .00 | | | | |
| .X - .0 | | | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | | | | |
| MATERIAL | SS | NEXT HIGHER ASSY. | B-00-TU60-0 | SIZE CODE |
| FINISH | SS | SCALE | | NUMBER |
| | | SHEET 1 OF 1 | DWD TU60-0-WD | REV. |

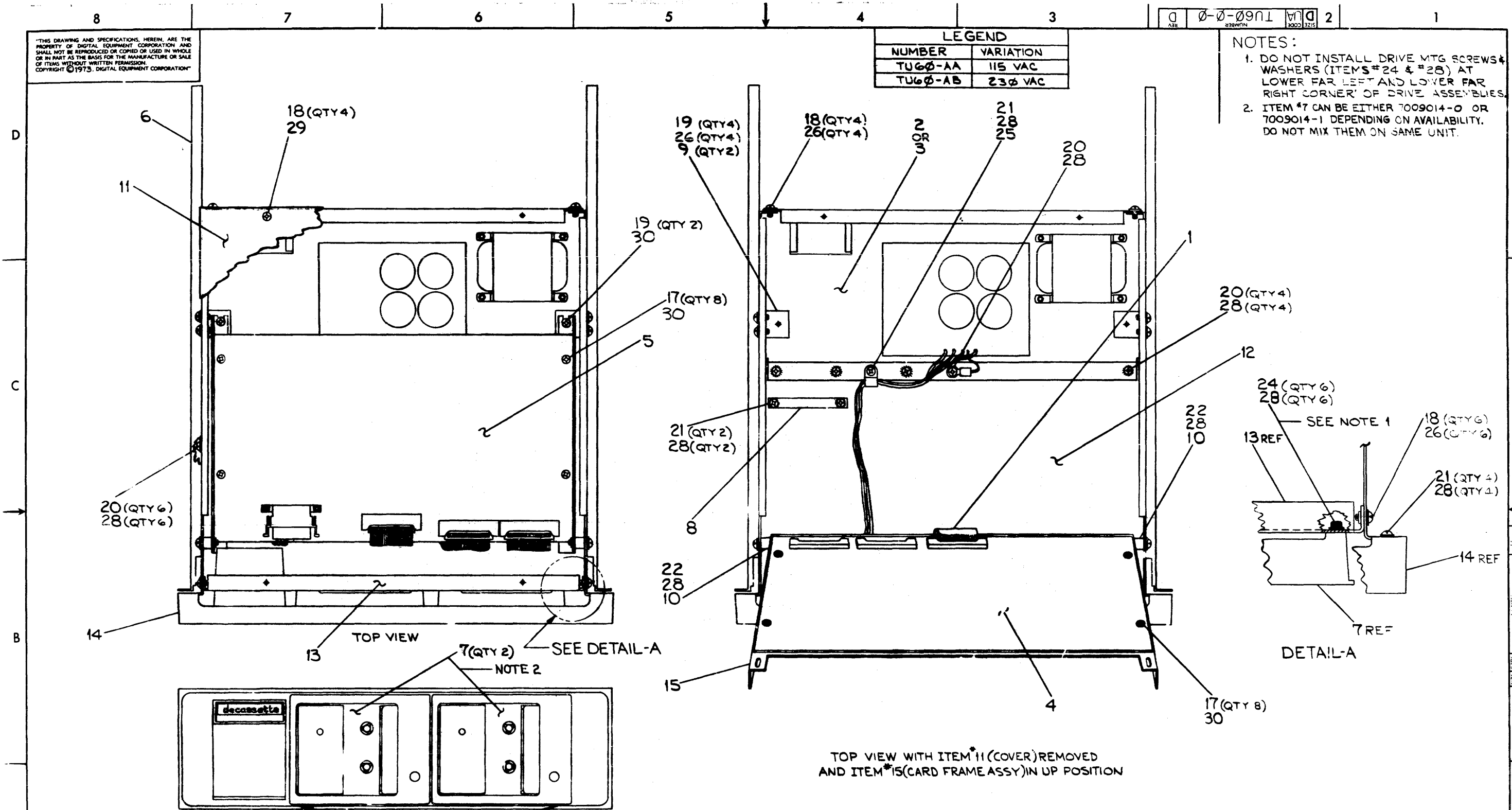
| REV | REVISIONS |
|-----|-----------|
| 1 | CHANGE NO |
| 2 | CHK |

DEC FORM NO. DRD 102-R

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| LEGEND | |
|---------|-----------|
| NUMBER | VARIATION |
| TU60-AA | 115 VAC |
| TU60-AB | 230 VAC |

NOTES:
 1. DO NOT INSTALL DRIVE MOUNTING SCREWS & WASHERS (ITEMS #24 & #28) AT LOWER FAR LEFT AND LOWER FAR RIGHT CORNER OF DRIVE ASSEMBLIES.
 2. ITEM #7 CAN BE EITHER 7009014-0 OR 7009014-1 DEPENDING ON AVAILABILITY. DO NOT MIX THEM ON SAME UNIT.



TOP VIEW WITH ITEM #11 (COVER) REMOVED AND ITEM #15 (CARD FRAME ASSY) IN UP POSITION

| REV. | CHANGE NO. | DATE | BY | CHKD. |
|------|------------|------|----|-------|
| B | TU60-00012 | | | |
| A | TU60-00011 | | | |
| C | TU60-00013 | | | |
| D | TU60-00014 | | | |

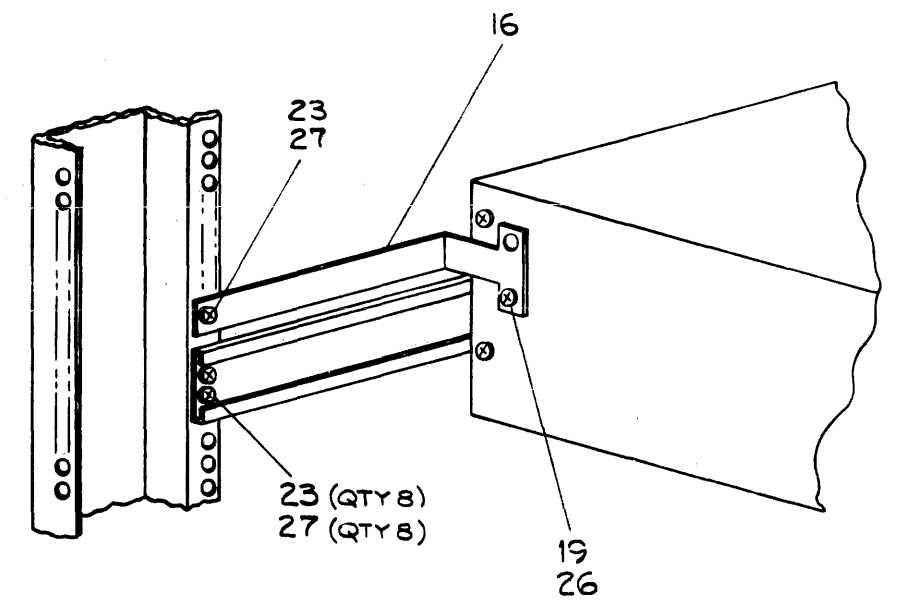
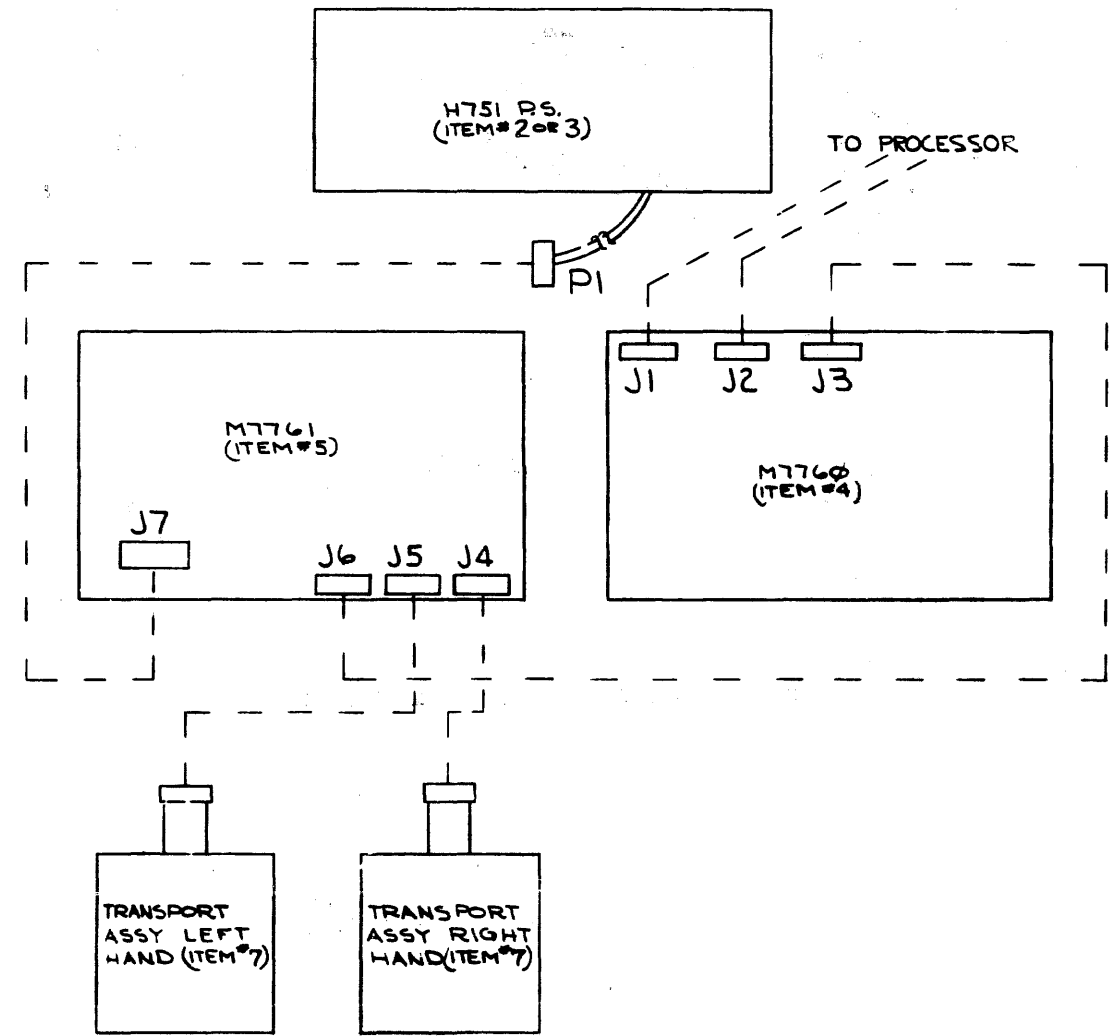
| FIRST USED ON OPTION/MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. |
|--|--------------------|---------------|--|----------|
| TU60 | | | | |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES | DRN. G. FLANDERS | DATE 12/29/72 | digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS | |
| TOLERANCES | CHK'D. W. MAJ.R | DATE 1/1/73 | | |
| DECIMALS ANGLES | ENG. M. LEIS | DATE 1/5/73 | | |
| .XER = .005 .XK = .02 .X = .1 | PROJ. ENG. M. LEIS | DATE 1/15/73 | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY 1 | PROD. M. LEIS | DATE 1/15/73 | TITLE TU60 UNIT ASSY | |
| MATERIAL | NEXT HIGHER ASSY. | | SIZE CODE | NUMBER |
| FINISH | B-DD-TU60-0 | | DUA | TU60-0-0 |
| | SCALE | | DIST | REV. |
| | SHEET 1 OF 2 | | | D |

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| ASSY CONNECTIONS | | | |
|------------------|----------------------|---------|-------------|
| FROM | | TO | |
| ITEM NO | DESCRIPTION | ITEM NO | DESCRIPTION |
| 2023 | H751 P.S.-PI | 5 | M7761-J7 |
| 7 | TRANSPORT ASSY LEFT | 5 | M7761-J5 |
| 7 | TRANSPORT ASSY RIGHT | 5 | M7761-J4 |

| CABLE CONNECTIONS | | |
|-------------------|----------|----------|
| ITEM NO | FROM | TO |
| 1 | M7761-J6 | M7760-J3 |



LOCATION OF SHIPPING BRACKET (ITEM #16) WHEN UNIT IS SUPPLIED IN CABINET

BRUNING 40-107 15848
 DEC FORM NO DND 180-A

| REV | CHANGE NO. |
|-----|------------|
| | |

| FIRST USED ON OPTION/MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. | |
|--|---|----------------------|---|----------|------|
| PARTS LIST | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES | DRN. <i>W. Major</i> DATE <i>12/2/72</i> | DATE <i>12/2/72</i> | digital EQUIPMENT CORPORATION <small>MATTHEW M. SACHUBETTS</small> | | |
| DECIMALS .XXX - .005 | CHK'D. <i>W. Major</i> DATE <i>11/11/73</i> | DATE <i>11/11/73</i> | | | |
| ANGLES ±0° 30' | ENG. <i>W. Major</i> DATE <i>11/11/73</i> | DATE <i>11/11/73</i> | | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | PROJ. ENG. <i>W. Major</i> DATE <i>11/11/73</i> | DATE <i>11/11/73</i> | | | |
| MATERIAL | PROD. <i>W. Major</i> DATE <i>11/11/73</i> | DATE <i>11/11/73</i> | TITLE TU60 UNIT ASSY | | |
| FINISH | NEXT HIGHER ASSY. | | | | |
| SCALE | | | | | |
| SHEET 2 OF 2 | | | SIZE CODE | NUMBER | REV. |
| | | | DUA | TU60-0-0 | 0 |
| | | | DIST. | | |

| DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST | | | | | QUANTITY / VARIATION | | | | | | | | | | | |
|--|--------------------|--|--|--------------|----------------------|---------|--|--|--|--|--|--|--|--|---|--|
| MADE BY | | CHECKED | | SECTION | TU6β-AA | TU6β-AB | | | | | | | | | | |
| G. Flanders | | W. Major | | 1 | | | | | | | | | | | | |
| DATE | | DATE | | ISSUED SECT. | | | | | | | | | | | | |
| 12/20/73 | | 1/3/73 | | | | | | | | | | | | | 1 | |
| ENG | | PROD | | ISSUED SECT. | | | | | | | | | | | | |
| M. Leis | | M. Leis | | | 1 | | | | | | | | | | | |
| DATE | | DATE | | | | | | | | | | | | | | |
| 1/12/73 | | 1/12/73 | | | | | | | | | | | | | | |
| ITEM NO. | DWG NO. / PART NO. | DESCRIPTION | | | | | | | | | | | | | | |
| 1 | D-UA-BC05 | CABLE, JUMPER | | | 1 | 1 | | | | | | | | | | |
| 2 | D-UA-H751-A | H751 POWER SUPPLY (115V) | | | 1 | | | | | | | | | | | |
| 3 | D-UA-H751-B | H751 POWER SUPPLY (230V) | | | | 1 | | | | | | | | | | |
| 4 | D-CS-M776β-β-1 | TU6β LOGIC | | | 1 | 1 | | | | | | | | | | |
| 5 | D-CS-M7761-β-1 | READ/WRITE AND SERVO | | | 1 | 1 | | | | | | | | | | |
| 6 | D-PS-1209154-0-0 | CHASSIS-TRAK (PAIR) | | | 1 | 1 | | | | | | | | | | |
| 7 | D-AD-7009014-0-0 | TRANSPORT ASSY (TU6β) (SEE NOTE 2 ON UA) | | | 2 | 2 | | | | | | | | | | |
| 8 | C-MD-7409479-0-0 | PLATE, PRESSURE | | | 1 | 1 | | | | | | | | | | |
| 9 | C-MD-7409904-0-0 | BRACKET, SYMMETRICAL | | | 2 | 2 | | | | | | | | | | |
| 10 | B-MD-7409923-0-0 | BUSHING, PIVOT | | | 2 | 2 | | | | | | | | | | |
| 11 | E-MD-7409941-0-0 | COVER, CHASSIS | | | 1 | 1 | | | | | | | | | | |
| 12 | E-1A-7409943-0-0 | CHASSIS (TU6β) | | | 1 | 1 | | | | | | | | | | |
| 13 | D-1A-7409990-0-0 | PLATE, CHASSIS, FRONT (TU6β) | | | 1 | 1 | | | | | | | | | | |
| 14 | D-1A-7410556-0-0 | BEZEL ASSY | | | 1 | 1 | | | | | | | | | | |
| 15 | D-1A-7410604-0-0 | CARD FRAME ASSY | | | 1 | 1 | | | | | | | | | | |
| 16 | C-MD-7410690-0-0 | BRACKET, SHIPPING | | | 1 | 1 | | | | | | | | | | |
| 17 | 9006020-1 | SCR, PHL PAN HD#6-32 x 1/4 LG | | | 16 | 16 | | | | | | | | | | |
| 18 | 9006020-3 | SCR, PHL TRUSS HD#6-32 x 1/4 LG | | | 14 | 14 | | | | | | | | | | |
| 19 | 9006021-3 | SCR, PHL TRUSS HD #6-32 x 5/16 LG | | | 7 | 7 | | | | | | | | | | |
| 20 | 9006035-3 | SCR, PHL TRUSS HD #8-32 x 1/4 LG | | | 11 | 11 | | | | | | | | | | |
| 21 | 9006037-3 | SCR, PHL TRUSS HD #8-32 x 3/8 LG | | | 7 | 7 | | | | | | | | | | |
| 22 | 9006040-3 | SCR, PHL TRUSS HD #8-32 5/8 LG | | | 2 | 2 | | | | | | | | | | |

| TITLE | ASSY NO. | SIZE | CODE | NUMBER | REV | ECO NO |
|----------------|---------------|------|------|----------|-----|---------------|
| TU6β UNIT ASSY | D-UA-TU6β-β-β | A | PL | TU6β-β-β | D | TU6β 00014 |
| SHEET 1 OF 2 | | DIST | | | | |

DEC FORM DEC 16 (75) 1031-N870
DRA 110

| DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST | | | | | QUANTITY / VARIATION | | | | | | | | | | | |
|--|--------------------|-----------------------------------|--|--------------|----------------------|---------|--|--|--|--|--|--|--|--|---|--|
| MADE BY | | CHECKED | | SECTION | TU6β-AA | TU6β-AB | | | | | | | | | | |
| G. Flanders | | W. Major | | 1 | | | | | | | | | | | | |
| DATE | | DATE | | ISSUED SECT. | | | | | | | | | | | | |
| 12/20/73 | | 1/3/73 | | | | | | | | | | | | | 1 | |
| ENG | | PROD | | ISSUED SECT. | | | | | | | | | | | | |
| M. Leis | | M. Leis | | | 1 | | | | | | | | | | | |
| DATE | | DATE | | | | | | | | | | | | | | |
| 1/12/73 | | 1/12/73 | | | | | | | | | | | | | | |
| ITEM NO. | DWG NO. / PART NO. | DESCRIPTION | | | | | | | | | | | | | | |
| 23 | 9006071-3 | SCR, PHL TRUSS HD #10-32 x 3/8 LG | | | 9 | 9 | | | | | | | | | | |
| 24 | 9006337-8 | SCR, SOCKET HD #8-32 x 3/8 LG | | | 6 | 6 | | | | | | | | | | |
| 25 | 9007080 | CABLE CLAMP 3/16 | | | 1 | 1 | | | | | | | | | | |
| 26 | 9007649 | LOCKWASHER #6 EXT TOOTH | | | 15 | 15 | | | | | | | | | | |
| 27 | 9007786 | NUT, #10-32 TINNERMAN | | | 9 | 9 | | | | | | | | | | |
| 28 | 9008072 | LOCKWASHER # 8 EXT TOOTH | | | 26 | 26 | | | | | | | | | | |
| 29 | | LOCTITE 242 | | | A/FA/F | | | | | | | | | | | |
| 30 | | TORQUE SEAL | | | A/R | A/R | | | | | | | | | | |
| 31 | 36H226 | DEC 150 CASSETTE | | | 2 | 2 | | | | | | | | | | |

| TITLE | ASSY NO. | SIZE | CODE | NUMBER | REV | ECO NO |
|----------------|---------------|------|------|----------|-----|--------|
| TU6β UNIT ASSY | D-UA-TU6β-β-β | A | PL | TU6β-β-β | D | |
| SHEET 2 OF 2 | | DIST | | | | |

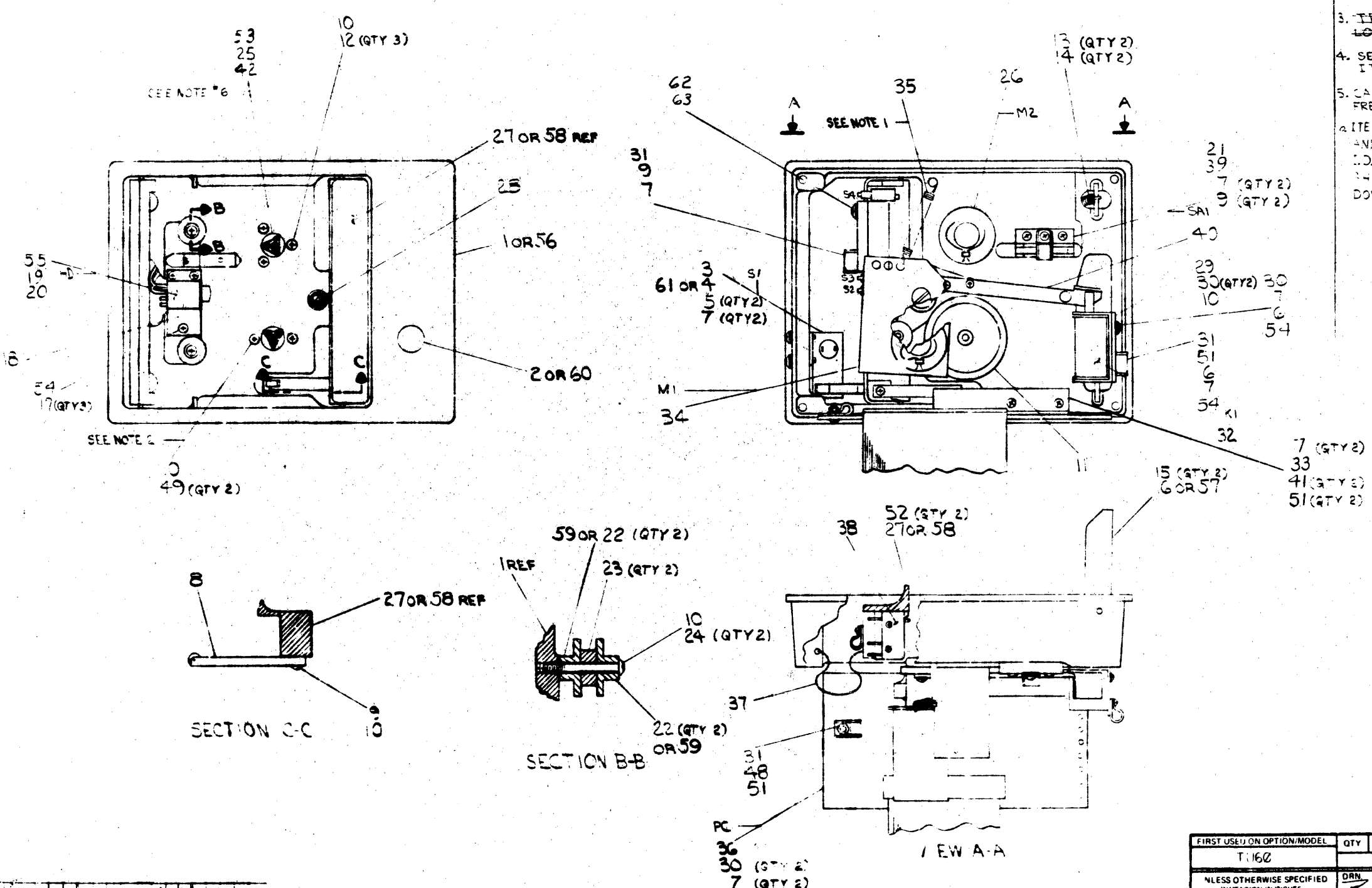
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DRA 110

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| LEGEND | |
|-----------|--------------|
| NUMBER | VARIATION |
| 7009014-0 | SAND CASTING |
| 7009014-1 | DE CASTING |

- NOTES:
1. SET SPRING TENSION 47.53 GRAMS MEASURED ON ROCKER ASSY LEVEL AT POSITION WHERE SOLENOID STROKE LEVEL TRANSPORT MOUNT BE IN OPERATING POSITION.
 2. TIGHTEN SCREW (ITEM #40) TO 6 INCH-POUNDS OF TORQUE.
 3. TRIM LEADS OF ITEM #3 (LAD) TO 1/8" LONG BEFORE SOLD TO LOC ITEM #39.
 4. SEE DETAILS P. 10 TO LOCATE ITEM #4 (CABLE TIES).
 5. CABLE WILL BE LACED SO AS NOT TO INHIBIT FREE MOTION OF LOCK-BAR #27.
 6. ITEM #53 TO BE USED RE. WHEN MOTOR SHAFT AND I.D. OF COUPLING APPLIED TO MOTOR SHAFT. BE SURE LOCK TIE DOES NOT RUN DOWN MOTOR SHAFT TO MOTOR BEARING.



| REV | CHG | NO | DATE | BY | APP | DESCRIPTION |
|-----|-----|----|------|----|-----|-------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |

| FIRST USED ON OPTION/MODEL | QTY | DESCRIPTION | PART NO | ITEM NO |
|--|------------------|-------------|--|-------------|
| T160 | | | | |
| PARTS LIST | | | | |
| NLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | DRN | DATE | digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS | |
| DECIMALS | ENG | DATE | TITLE | |
| ANGLES | PROJ ENG | DATE | TRANSPORT ASSY (TJ60) | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | PROD | DATE | REV | |
| MATERIAL | NEXT HIGHER ASSY | | SIZE CODE | NUMBER |
| FINISH | C-JA-TU60-2-2 | | DAI | 7009014-0-0 |
| | SCALE NONE | | DIST | |
| | SHEET OF 2 | | | |

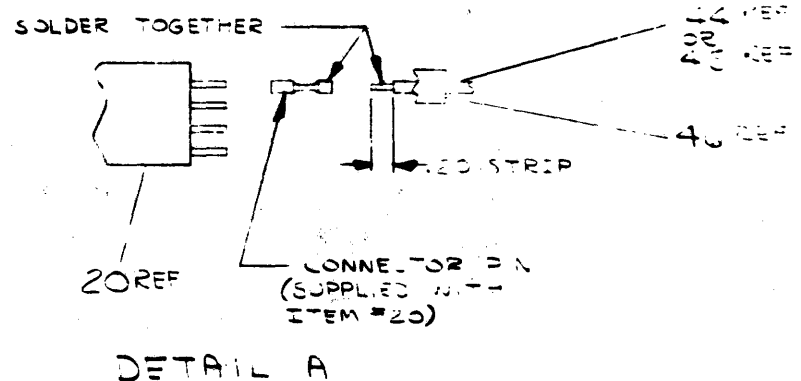
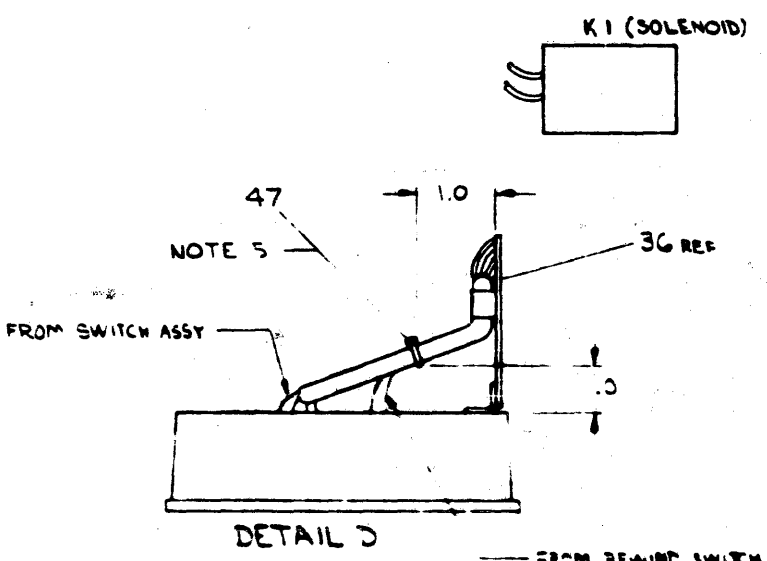
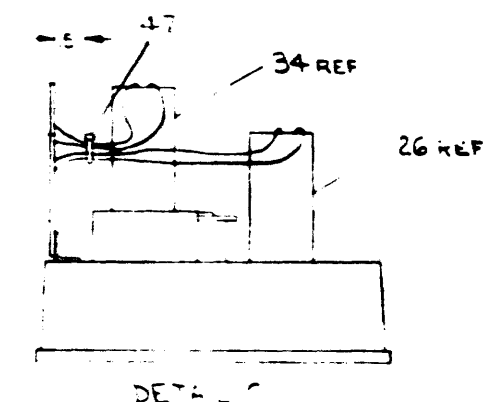
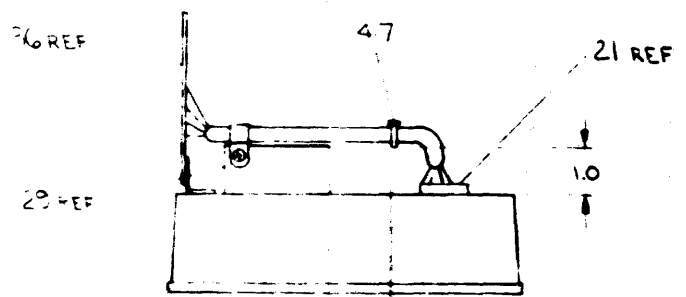
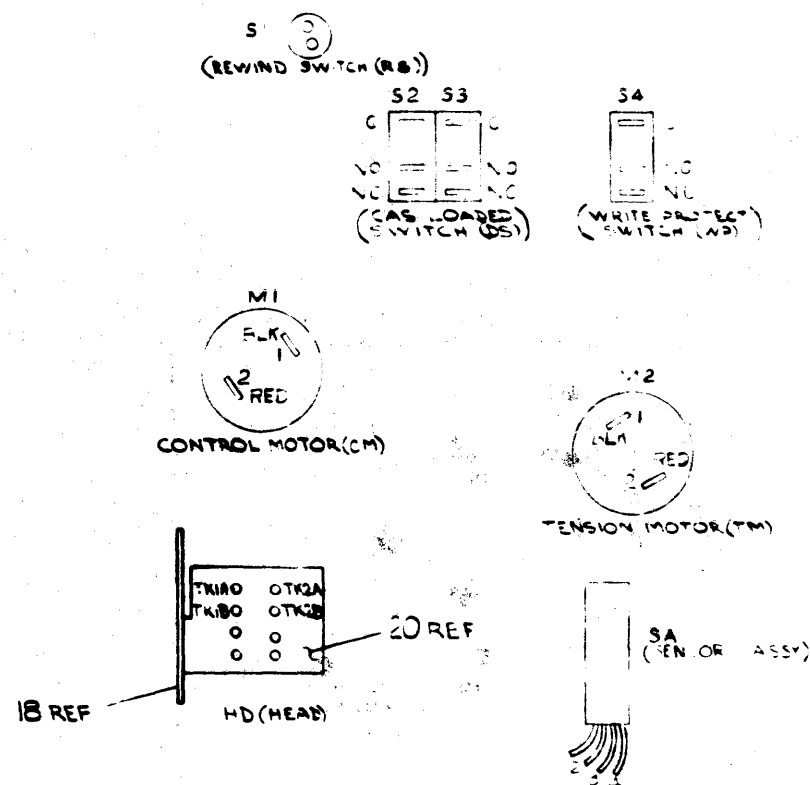
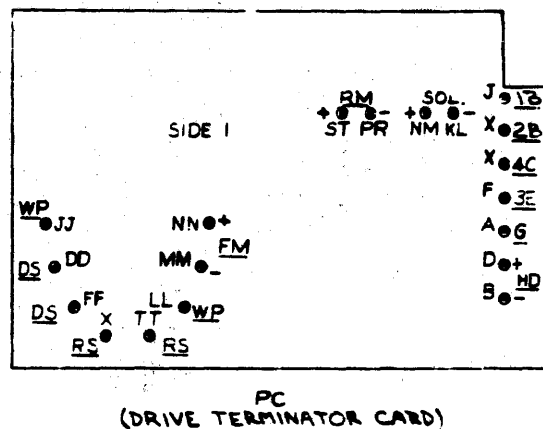
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02-00100-002 0001 0002

WIRE TABLE

| ITEM NO | DESCRIPTION | FROM | TO | REMARKS | LENGTH |
|---------|-------------|------|----------------|--------------|-----------------------|
| NO | COLOR | ANG | CONN WITH | CONN WITH | |
| 43 | CRN | 26 | S1 SOLDER | PC-X SOLDER | EITHER S1 TERM 3.5 |
| 43 | CRN | 26 | S1 SOLDER | PC-TT SOLDER | REMAINING S1 TERM 3.5 |
| 44 | WHT | 26 | S2-C | PC-DD | |
| 45 | GRY | 26 | HD-TK1A SOLDER | PC-D SOLDER | SEE DETAIL A 4.5 |
| | | | HD-TK2A SOLDER | PC-B SOLDER | 4.5 |
| | | | S3-C | PC-FF | |
| | | | S4-C | PC-LL | |
| | | | S4-N | PC-JJ | |
| | BLK | | M1-1 | PC-MM | 5.0 |
| | RED | | M1-2 | PC-MN | 5.0 |
| | BLK | | M2-1 | PC-PR | 5.0 |
| | RED | | M2-2 | PC-T | 5.0 |
| | WHT | | K1 | PC-MN | EITHER K1 LEAD 1.25 |
| | WHT | | | PC-KL | REMAINING K LEAD 1.25 |
| | BRN | | | | EITHER BRN LEAD |
| | BRN | | | | REMAINING BRN LEAD |
| | BLK | | SA-2 | | |
| | BLK | | SA-3 | | |
| | CRN | | SA-4 | | |
| 44 | BRN | 26 | HD-TK1B SOLDER | PC-D SOLDER | SEE DETAIL A .75 |



| REV | REVISIONS |
|-----|-----------|
| 1 | INITIAL |

| FIRST USED ON OPTION/MODEL | QTY | DESCRIPTION | PART NO | ITEM NO |
|---|------------------|-------------|-------------------------------|---------|
| TUGO | | | | |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES | DRAWN | DATE | DIGITAL EQUIPMENT CORPORATION | |
| TOLERANCES | CHK'D | DATE | MAYNARD MARCHENCHETTI | |
| DECIMALS | ENG | DATE | TITLE | |
| ANGLES | PREP ENG | DATE | TRANSPORT ASSY (TUGO) | |
| REMOVE BURRS AND BREAK SHARP CORNERS: SURFACE QUALITY | PROD | DATE | SIZE CODE | |
| MATERIAL | NEXT HIGHER ASSY | | NUMBER | REV |
| FINISH | SCALE | | D-0700014-0-0 | F |
| | SHEET 2 OF 2 | | DIST | |

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST. Includes fields for MADE BY (W. MAJOR), CHECKED (W. Major), DATE (11/27/72), and a table of 22 items such as BASE ASSY, BUTTON, REWIND SWITCH, SWITCH, PUSHBUTTON SPST, BRACKET, REWIND SWITCH, SCR, PHL HD PAN #4-40 X 3/8, WASHER, FLAT #4 S.S., etc.

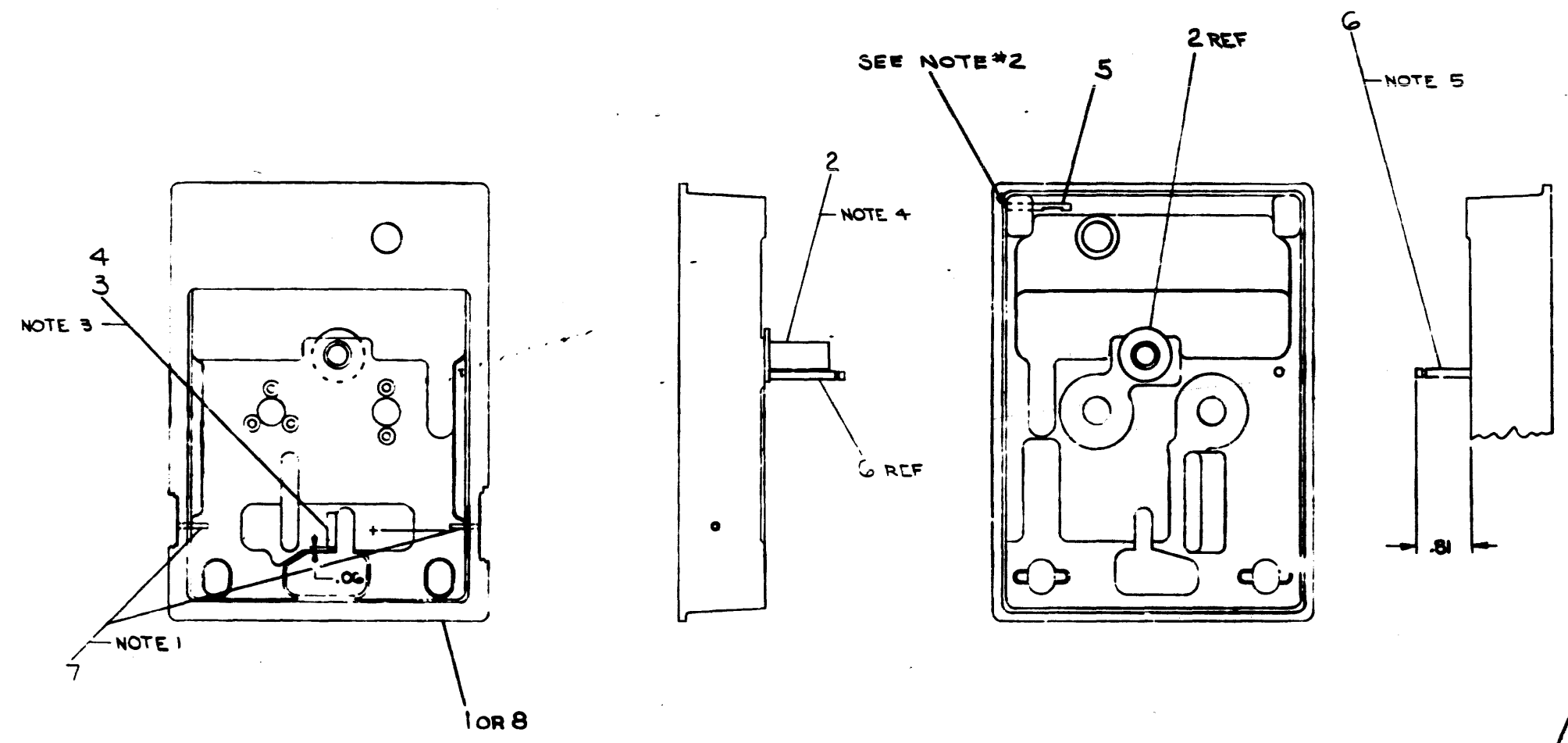
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST. Includes fields for MADE BY (W. MAJOR), CHECKED (W. Major), DATE (11/27/72), and a table of 23 items such as SPACER, TAPE GUIDE, SCR, PHL HD PAN #4-40 X 3/4, COUPLING, CASSETTE DRIVE, MOTOR, CASSETTE, LOCK-BAR, CASSETTE, SCR, SLOTTED HD PAN #8-32 X 1/4, BRACKET, SOLENOID, SCR, PHL HD PAN #4-40 X 1/4, CLAMP, CABLE 5/16, SOLENOID, BRACKET, TERMINAL BOARD, MOTOR MOUNT ASSY, SPRING, TERMINATOR CABLE ASSY, SPRING, LOCK BAR, SWITCH ASSY, SPACER, E.O.T. BLOCK, LEVER ASSY, SPACER, AL HEX #4 1/8 LG, SCREW, SET #2-56 X 1/8 LG, WIRE, #26 AWG IPVC STRD ORN, WIRE, #26 AWG IPVC STRD BRN.

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST. Includes fields for MADE BY (W. MAJOR), CHECKED (W. Major), DATE (11/27/72), and a table of 21 items such as WIRE, #26 AWG TEF INS WHT/GRY, TUBING, SHRINKABLE 3/64 DIA, TIE, CABLE 3 3/4 LG X 3/32 WIDE, NUT, HEX #4-40 X 3/16 X 1/16, SCR, PHL FLAT HD #4-40 X 5/8, SCR, PHL PAN HD #4-40 X 5/16, ROLL PIN 1/8 X 1/4 LG, LOCTITE IS-150, TORQUE SEAL, WASHER, INT TOOTH #2, BASE ASSY, COVER, LOWER CASSETTE ASSY, LOCK BAR, CASSETTE, GUIDE, TAPE, BUTTON, REWIND SWITCH, BRACKET, SWITCH SPRING, WASHER, INT TOOTH #6, SCR, PHL HD PAN #6-32 X 5/8.

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| LEGEND | |
|-----------|-----------|
| NUMBER | VARIATION |
| 7410640-0 | SAND CAST |
| 7410640-1 | DIE CAST |

- NOTES:
- ROLL PIN (ITEM#7) TO BE PRESSED FLUSH WITH OUTSIDE SURFACE OF BASE AS SHOWN, 2 PLACES.
 - PIN (ITEM#5) TO BE PRESSED FLUSH WITH THIS SURFACE AS SHOWN. NOTE POSITION OF CUTOUT ON ITEM#5.
 - WHEN MOUNTING SHIM (ITEM#3) TO BASE (ITEM#1), USE LOCTITE IS-06 (ITEM#4) SPARINGLY TO AVOID BUILDUP BUT ENOUGH TO OBTAIN A GOOD BOND. NOTE LOCATION OF SLOT IN BASE.
 - BUSHING (#2) TO BE PRESSED INTO ITEM#1 AS SHOWN.
 - PIN (#6) TO BE PRESSED INTO ITEM#1 TO DIMENSION SHOWN.



| QTY. | DESCRIPTION | PART NO. | ITEM NO. | |
|------|-------------|-----------------------------|------------------|---|
| 1 | 0 | BASE, CASSETTE TRANS (MACH) | E-MD-W 0723-10 | 8 |
| 0 | 2 | ROLL PIN | 9006331 | 7 |
| 1 | 1 | PIN, SPRING, MOTOR BINS | C-MD-40134-0-0 | 6 |
| 0 | 1 | PIN, ANCHOR | C-MD-7410539-0-0 | 5 |
| A/R | A/R | LOCTITE IS-06 | | 4 |
| 1 | 1 | SHIM, SKEW | B-MD-740553-0-0 | 3 |
| 1 | 1 | BUSHING, ROCKER | B-MD-740938-0-0 | 2 |
| 0 | 1 | BASE, CASSETTE TRANS (MACH) | E-MD-740535-0-0 | 1 |

| | | | |
|---|------------------------------------|---|---------------------|
| TUGO | | PARTS LIST | |
| UN: 10 DIMENSIONS SPECIFIED DIMENSIONS IN PARENT TOLERANCES | DATE: 4-15-72 | EQUIPMENT CORPORATION BOSTON MASSACHUSETTS | |
| DESIGNER: [Signature] | DRAWN: [Signature] | TITLE: BASE ASSY | |
| CHECKED: [Signature] | DATE: 4/15/72 | REV: B | |
| MATERIAL: + + | NEXT HIGHER ASSY: D-AD-7009014-0-0 | SIZE CODE: DIA | NUMBER: 7410640-0-0 |
| FINISH: + + | SCALE: 1/1 | SHEET: 1 | OF: 1 |

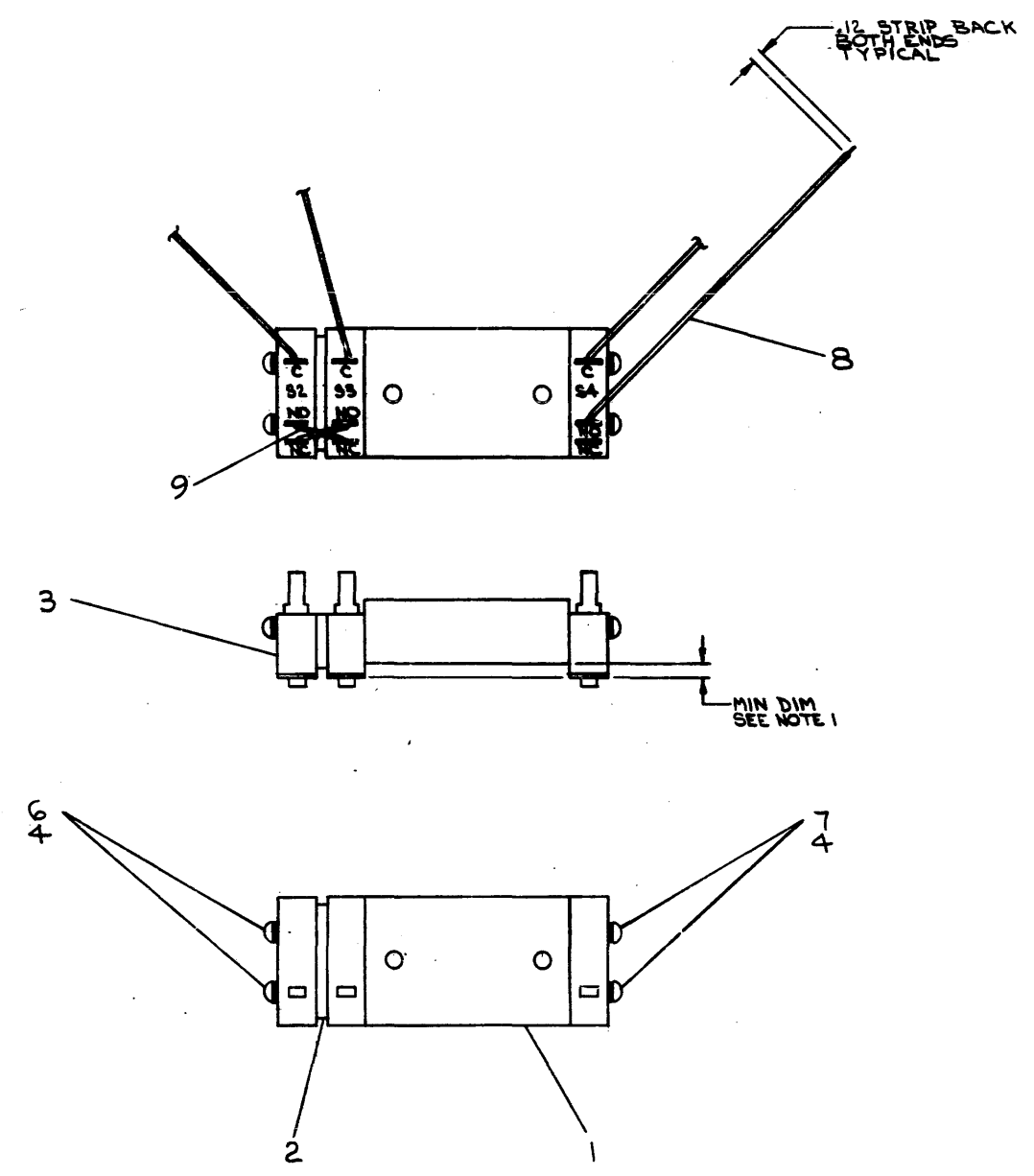
| REV | CHANGE NO | DATE | BY |
|-----|------------|--------|----------|
| A | TUGO-00012 | 9-7-72 | M.E.I.S. |
| B | TUGO-00013 | 5-6-74 | H. DRAB |

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WIRE TABLE

| ITEM NO. | DESCRIPTION | FROM | | TO | | LENGTH |
|----------|-------------|-------|--------|-------|--------|--------|
| | | CONN | WITH | CONN | WITH | |
| 8 | BRN 26 | S2-C | SOLDER | --- | --- | 5" |
| 9 | BUSS 22 | S2-NO | SOLDER | S3-NC | SOLDER | .75" |
| 9 | BUSS 22 | S2-NC | SOLDER | S3-NO | SOLDER | .75" |
| 8 | BRN 26 | S3-C | SOLDER | --- | --- | 5" |
| 8 | BRN 26 | S4-C | SOLDER | --- | --- | 6" |
| 8 | BRN 26 | S4-NO | SOLDER | --- | --- | 4.5" |

NOTES:
1. SWITCHES MUST BE ADJUSTED AT ASSY TO OBTAIN MINIMUM DIMENSION FROM BOTTOM SURFACE OF SWITCHES TO BOTTOM SURFACE OF SWITCH BLOCK.



| QTY. | DESCRIPTION | PART NO. | ITEM NO. |
|------|--------------------------------|----------------|----------|
| A/R | WIRE, BUSS, #22 AWG | 9107560-01 | 9 |
| A/R | WIRE #26 AWG, IFVC, STRD | 9107636-11 | 8 |
| 2 | SCR, PHL HD PAN 2-56 X 1/2 SST | 9006005-1 | 7 |
| 2 | SCR, PHL HD PAN 2-56 X 3/4 SST | 9006006-1 | 6 |
| 4 | WASHER, INT TOOTH #2 SST | 9006631 | 4 |
| 3 | SWITCH, MICRO | 1209782 | 3 |
| 1 | SPACER, MICRO SWITCH | 3MD-7409935-00 | 2 |
| 1 | BLOCK, SWITCH | 3MD-7409926-00 | 1 |

| | | | | |
|---|---------|--------------------------------|------------------|--|
| FIRST USED ON OPTION/MODEL TU60 | | DATE 11/2/72 | | digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS TITLE SWITCH ASSY |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | | CHK'D DATE 1/18/73 | DATE 1/18/73 | |
| DECIMALS | ANGLES | ENG DATE 11-7-72 | DATE 12-7-72 | |
| .XX - .005 .XX - .02 X - .1 | ±0° 30' | PROJ. ENG. DATE 11/15/72 | DATE 11/15/72 | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | | NEXT HIGHER ASSY. | | |
| MATERIAL | --- | DAD-7009014-0-0 | | SIZE CODE DAD 7009141-0-0 |
| FINISH | --- | SCALE 2/1 | | NUMBER REV. A |
| SHEET 1 OF 1 | | DIST. 1 | | |

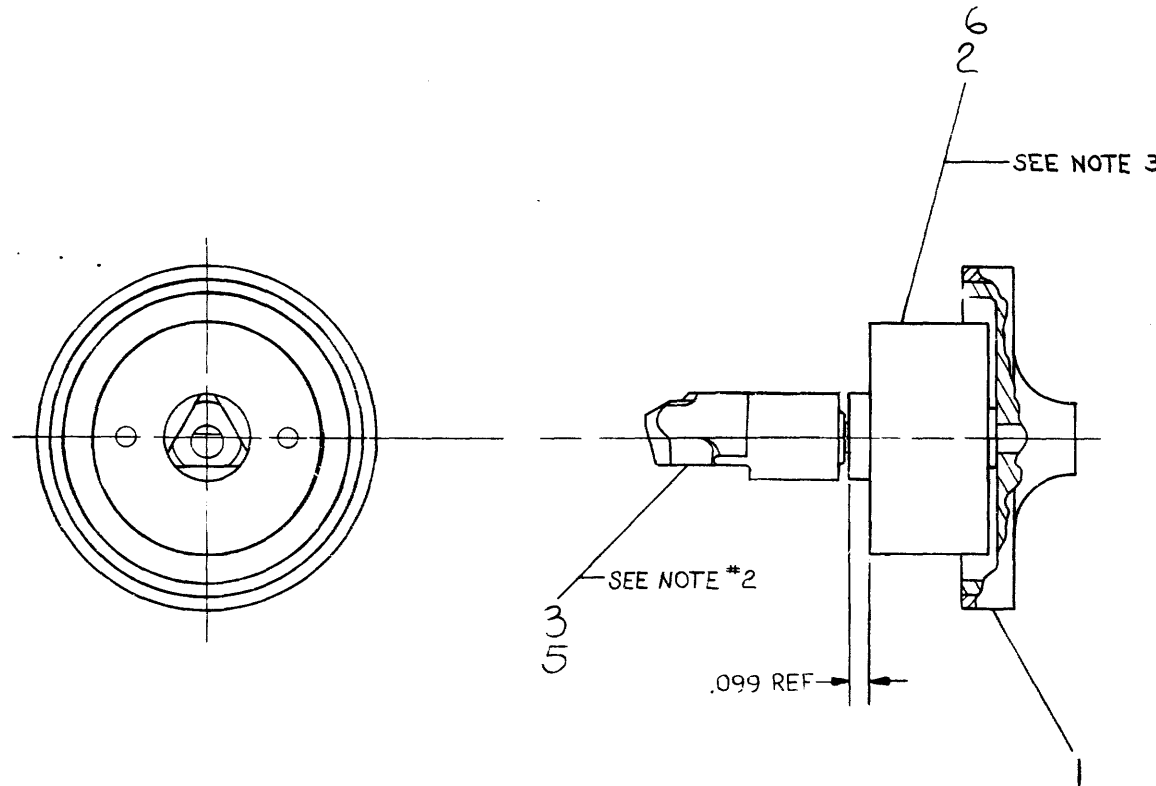
| | |
|------------|---------|
| REVISIONS | REV |
| CHANGE NO. | A |
| TUGO-00012 | |
| DATE | 9-7-73 |
| M. LEIS | |
| DATE | 9/11/73 |
| CHK | |
| FORM NO. | |

DAD 7009141-0-0

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1972

NOTES:

- ITEM #3 TO BUTT AGAINST SHOULDER OF SPINDLE.
- LOCTITE TO BE USED BETWEEN SPINDLE SHAFT AND I.D. OF COUPLING. APPLY LOCTITE TO I.D. OF COUPLING AND SLIP ON SPINDLE SHAFT. BE SURE LOCTITE DOES NOT RUN DOWN TO BEARING.
- APPLY DOW CORNING *99-2 GREASE BETWEEN SPINDLE SHAFT & I.D. OF BEARING. APPLY SPARINGLY.



| | | | |
|-----|---------------------------|------------------|---|
| A/R | GREASE, DOW CORNING *99-2 | | 6 |
| A/R | LOCTITE IS 150 | | 5 |
| 1 | SCREW, SET, #2-56 | 9009274 | 4 |
| 1 | COUPLING, CASSETTE DRIVE | D-PS-1211279-0-0 | 3 |
| 1 | BEARING | C-MD-7410692-0-0 | 2 |
| 1 | PULLEY, DRIVE ASSY | C-IA-7409914-0-0 | 1 |

| FIRST USED ON OPTION/MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. |
|--|---------|--------------------------|----------------|---|
| TU60 | | PARTS LIST | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES | | DRN: <i>J. Carberry</i> | DATE: 9/11/72 | digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE: SPINDLE ASSY |
| DECIMALS | ANGLES | CHK'D: <i>W. Irwin</i> | DATE: 10/25/72 | |
| .XXX = .005 | ±0° 30' | ENG: <i>W. Benson</i> | DATE: 10/25/72 | |
| .XX = .02 | | PROJ. ENG.: | DATE: 10/25/72 | |
| .X = .1 | | PREP: <i>[Signature]</i> | DATE: 10/25/72 | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | | NEXT HIGHER ASSY. | | |
| MATERIAL | | D-AD-7009014-0-0 | SIZE CODE: C | NUMBER: AD 7009146-0-0 |
| FINISH | | SCALE: 2/1 | | REV.: C |
| | | SHEET 1 OF 1 | DIST.: | |

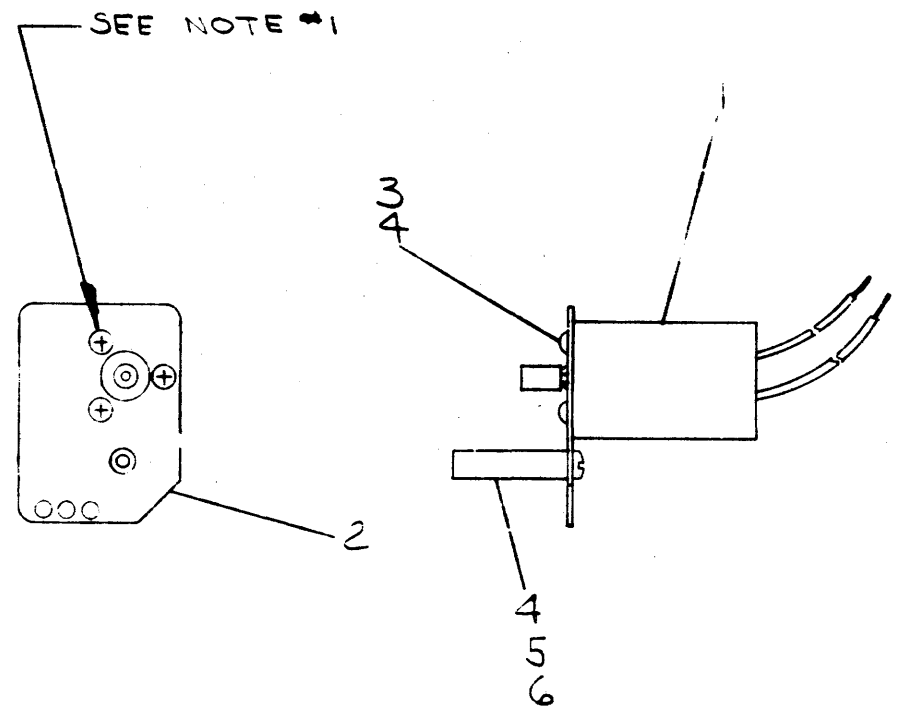
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|------|------------|--------------------|----------|
| A | TU60-00004 | <i>[Signature]</i> | 12/12/72 |
| B | TU60-00008 | <i>[Signature]</i> | 12/15/72 |
| C | TU60-00013 | <i>[Signature]</i> | 3-27-73 |
| | H. DRAB | <i>[Signature]</i> | 5-6-74 |

BRUNING 40-107 15968

REV. C
NUMBER AD7009146-0-0
SIZE CODE C

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NOTES:
 1. LOCTITE (#4) TO BE APPLIED TO
 THREADS OF ITEMS #3 & #5.



| QTY | DESCRIPTION | PART NO. | ITEM NO. |
|-----|--------------------------|-----------------|----------|
| 1 | PIVOT, MOTOR | GMD-7409915-0-0 | 6 |
| 1 | SCR, SLOT HD PAN | 9009277 | 5 |
| A/R | LOCTITE 242 | | 4 |
| 3 | SCR, PHL PAN HD 4-40-1/4 | 9008301-1 | 3 |
| 1 | MOUNT, MOTOR | GMD-7409910-0-0 | 2 |
| 1 | DRIVE MOTOR ASSY | GIA-7009139-0-0 | 1 |

| | | | | |
|---|--------------------------------|-----------------|---|-----------|
| FIRST USED ON OPTION/MODEL TUSØ | QTY | DESCRIPTION | PART NO. | ITEM NO. |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | DRN <i>[Signature]</i> | DATE 2-2-72 | digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE MOTOR MOUNT ASSY | |
| DECIMALS | CHK'D <i>[Signature]</i> | DATE 11/1/72 | | |
| ANGLES | ENG <i>[Signature]</i> | DATE 11/1/72 | | |
| XXX - .006 XX - .02 X - .1 | PROJ ENG <i>[Signature]</i> | DATE 11/6/72 | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | NEXT HIGHER ASSY | | SIZE CODE C AD 7009140-0-0 | |
| MATERIAL + + | SCALE 1/1 | | NUMBER 7009140-0-0 | REV. A |
| FINISH + + | SHEET OF | | DIST. 3 | |

BRUNING 40 107 15968

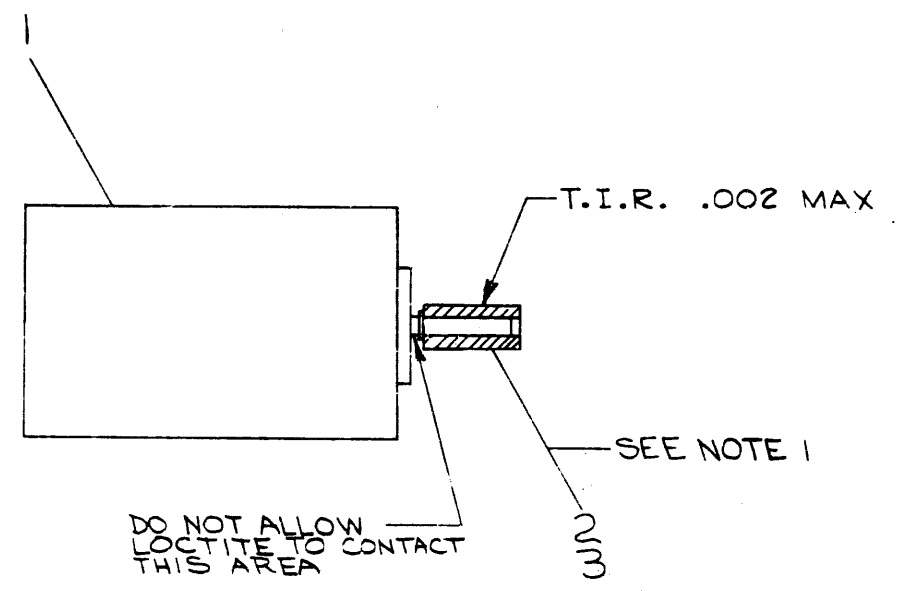
| REV. | CHANGE NO. | DATE | BY | APP. |
|------|------------|--------|-------|-------------|
| A | TUGO-00012 | 9 7 73 | MLFIS | [Signature] |

DEC FORM NO. DRC 100-A

REV. A
 NUMBER 7009140-0-0
 SIZE CODE C AD

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NOTES:
 1. SLEEVE (#2) TO BE PRESSED ON MOTOR SHAFT TO "E" RING. LOCTITE TO BE APPLIED SPARINGLY TO INSIDE OF SLEEVE BEFORE ASSEMBLY.



D
C
B
A

D
C
B
A

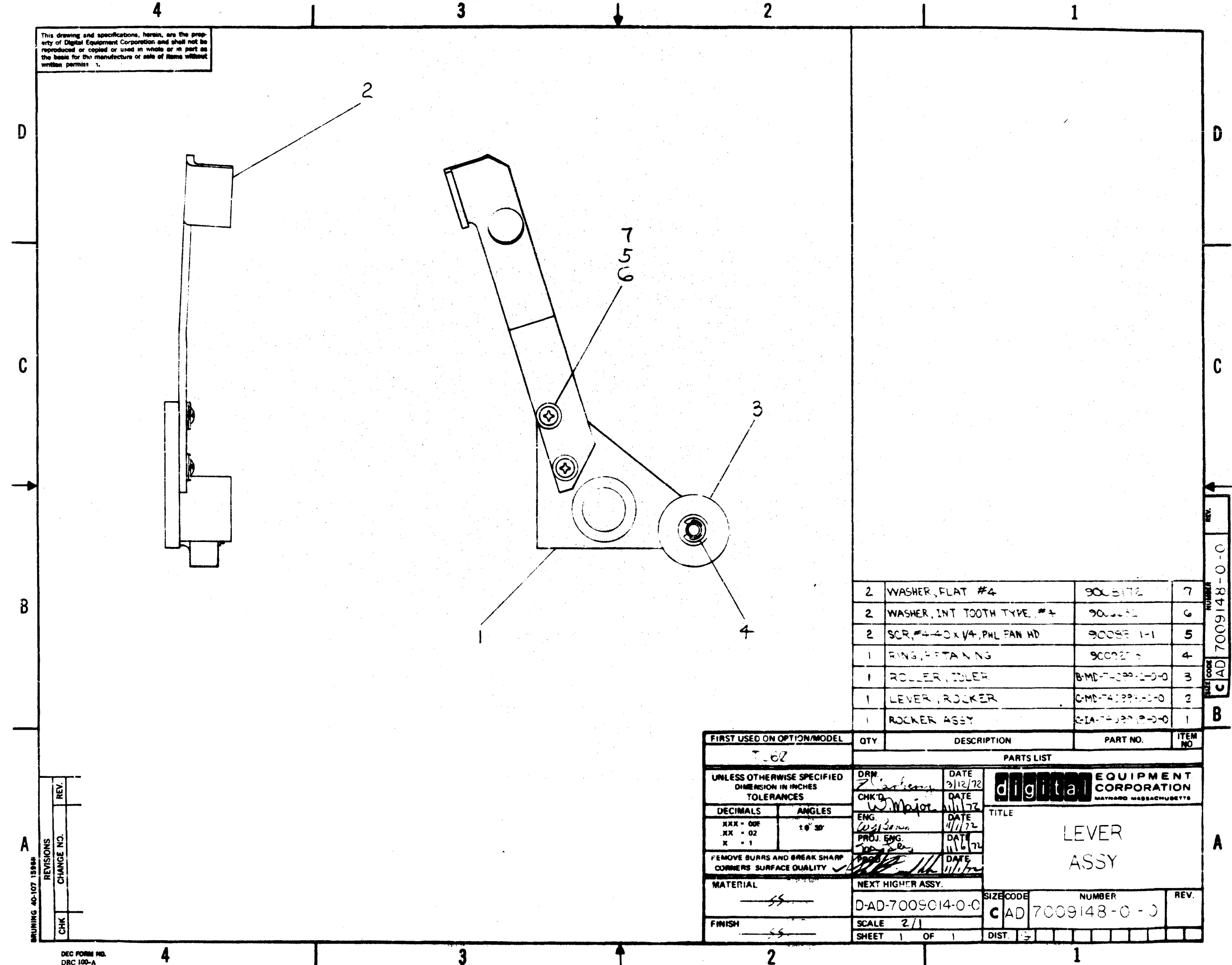
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| BRUNING 40-107 15966 | REV. | A |
| | CHANGE NO. | TUGO-00012 |
| CHK | MILETS | |
| DATE 9-7-73 | | |

| | | | |
|-----|----------------|------------------|---|
| A/R | LOCTITE IS-150 | | 3 |
| 1 | SLEEVE, MOTOR | C-MD-7409913-0-0 | 2 |
| 1 | MOTOR | 1211111 | 1 |

| | | | | |
|---|----------------------------------|------------------|--|-------------|
| FIRST USED ON OPTION/MODEL | QTY. | DESCRIPTION | PART NO. | ITEM NO. |
| TUGO | | | | |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | DRN. <i>F. Collins</i> | DATE 10-5-72 | digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS | |
| DECIMALS | CHK'D. <i>W. H. Blair</i> | DATE 10-25-72 | TITLE DRIVE-MOTOR ASSY | |
| ANGLES | ENG. <i>W. H. Blair</i> | DATE 10-25-72 | | |
| xxx - .006 xx - .02 x - .1 | PROJ. ENG. <i>W. H. Blair</i> | DATE 10-25-72 | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | <i>W. H. Blair</i> | DATE 10-25-72 | | |
| MATERIAL | NEXT HIGHER ASSY. | | SIZE CODE | NUMBER |
| | | | C IA | 7009139 0-0 |
| FINISH | SCALE 2/1 | | | REV. A |
| | SHEET 1 OF 1 | | DIST. C | |

REV. A
NUMBER 7009139-0-0
SIZE CODE C IA

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| QTY | DESCRIPTION | PART NO. | ITEM NO. |
|-----|------------------------------|-----------------|----------|
| 2 | WASHER, FLAT #4 | 9005172 | 7 |
| 2 | WASHER, INT TOOTH TYPE #4 | 9005171 | 6 |
| 2 | SCR, #4-40 x 1/4, PHL PAN HD | 9005111 | 5 |
| 1 | RING, RETAINING | 9005211 | 4 |
| 1 | ROLLER, IDLER | B-MD-743991-0-0 | 3 |
| 1 | LEVER, ROCKER | G-MD-743991-0-0 | 2 |
| 1 | ROCKER ASSY | C-IA-743991-0-0 | 1 |

| FIRST USED ON OPTION/MODEL | QTY | DESCRIPTION | PART NO. | ITEM NO. |
|---|----------|----------------------------|--|-----------------------|
| T-62 | | | | |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES | | DRW. DATE 3/12/72 | digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS TITLE LEVER ASSY | |
| DECIMALS | ANGLES | CHK'D DATE 11/1/72 | | |
| XXX - 00F XX - 02 X - 1 | ± 0° 30' | ENG. DATE 11/1/72 | | |
| REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY | | PROJ. ENG. DATE 11/6/72 | | |
| MATERIAL | SS | NEXT HIGHER ASSY. | | |
| FINISH | SS | D-AD-7009014-0-0 | SIZE CODE CAD | NUMBER 7009148-0-0 |
| SCALE 2/1 | | SHEET 1 OF 1 | DIST. 5 | REV. |

| REV. | CHANGE NO. |
|------|------------|
| | |
| | |

REV. NO. 0
 NUMBER CAD 7009148-0-0
 REV.