



**CDC[®] NETWORK PROCESSOR UNIT
EQUIPMENT CABINETS**

GH451-A

DY195-A/B/C

DY196-A

MANUAL TO EQUIPMENT LEVEL CORRELATION SHEET

This manual reflects the equipment configurations listed below.

EXPLANATION: Locate the equipment type and series number, as shown on the equipment FCO log, in the list below. Immediately to the right of the series number is an FCO number. If that number and all of the numbers underneath it match all of the numbers on the equipment FCO log, then this manual accurately reflects the equipment.

| EQUIPMENT TYPE | SERIES | WITH FCOs | COMMENTS |
|----------------|----------------|--------------------------|----------|
| GH451-A | 01 02 03 | - ECO8386 FCO42241 | |
| GH451-B | 01 | - | |
| DY195-A | 01 02 03 | - ECO8386 FCO42241 | |
| DY195-B | 01 | - | |
| DY195-C | 01 | - | |
| DY196-A | 01 02 03 | - ECO8386 FCO42241 | |
| DY196-B | 01 | - | |

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PREFACE

This manual contains information on the CDC® 255X Network Processor Unit equipment cabinets GH451-A/B and DY195-A/B/C. This manual is to be used with the Network Processor Unit hardware maintenance manual, which describes the equipments used in the cabinets.

The cabinets represent two configurations: the GH451-A/B Basic Cabinet and the DY195-A/B/C Stand-alone Cabinets. The GH451-B and DY195-B/C cabinets contain electromagnetic interference protection (EMI) provided by new shielding and cables. The DY195-B and DY195-C are identical, except for minor hardware changes.

This information is intended for use by customer engineers. Instructions are provided for fault isolation and repair and to accomplish minor field change order installation.

The related publications listed below are available through the CDC Literature and Distribution Services, 308 North Dale Street, St. Paul, Minnesota 55103.

| <u>Publication Title</u> | <u>Publication Number</u> |
|-------------------------------------------------------------------------------|---------------------------|
| 255X Network Processor Unit, Site Preparation Manual | 74641200 |
| Network Processor Unit 2551-1, 2551-2, 2552-2, Hardware Maintenance Manual | 60472000 |
| Power Supply GD309-A, Hardware Maintenance Manual | 74873985 |
| 255X Network Processor Unit, Hardware Reference Manual | 60472800 |

WARNING

This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, may cause interference to radio communications. As temporarily permitted by regulation, it has not been tested for compliance with the limits for Class A computing devices pursuant to Subpart J of Part 15 of the FCC Rules which are designed to provide reasonable protection against such interference. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

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GENERAL DESCRIPTION

1

The Network Processor Unit (NPU) is housed either in a single or double cabinet assembly. The basic cabinet plus a bolt-on cabinet forms the double-bay NPU. The stand-alone cabinet provides for the expansion of communications lines. In this manual, the cabinets containing the electromagnetic interference (EMI) refinements are referred to as version B.

PHYSICAL DESCRIPTION

The three cabinet assemblies are identical in size (height, width, and depth) and structure but differ in equipment supplied. They are all fabricated of welded steel angles, channels, cover panels, and doors that support and enclose the equipment.

The A and B versions of each of the three cabinets accommodate the same equipment. The B version contains a metal grille on the cabinet top and sides, as well as on the front and rear doors. The grille forms the EMI shield. Also, in the B version, provisions are made for grounding the shields on communications line adapter (CLA) cables and on peripheral device cables that enter the cabinet.

BASIC CABINET

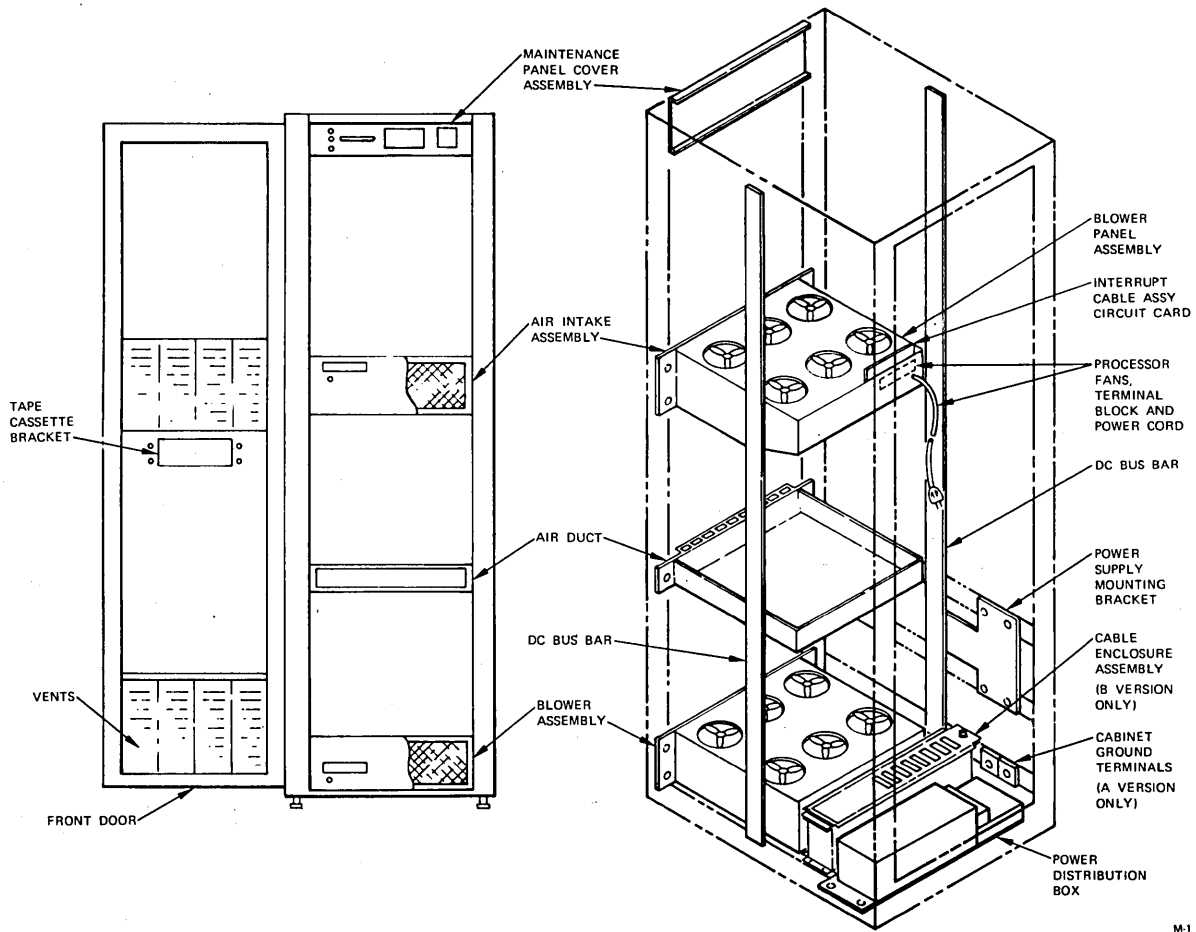
The basic cabinet (figure 1-1) contains the maintenance panel assembly, air intake assembly, blower panel assembly, air duct, blower assembly, power distribution box, and (B version only) a cable enclosure assembly. This cabinet also provides facilities for mounting the dc power supply, attaching cabinet-to-earth ground, distribution of dc power, and mounting of tape cassette drive. The front and rear doors can be removed to obtain maximum access for installation of equipments.

BOLT-ON CABINET

The bolt-on cabinet (figure 1-2) contains the same basic components as the basic cabinet plus the memory interface cables (address and data), interrupt cable assembly, and dual processor console switch. The dimensions are the same as for the basic cabinet, but the weight is increased to approximately 560 pounds (1232 kilograms) to include the weight of the added items.

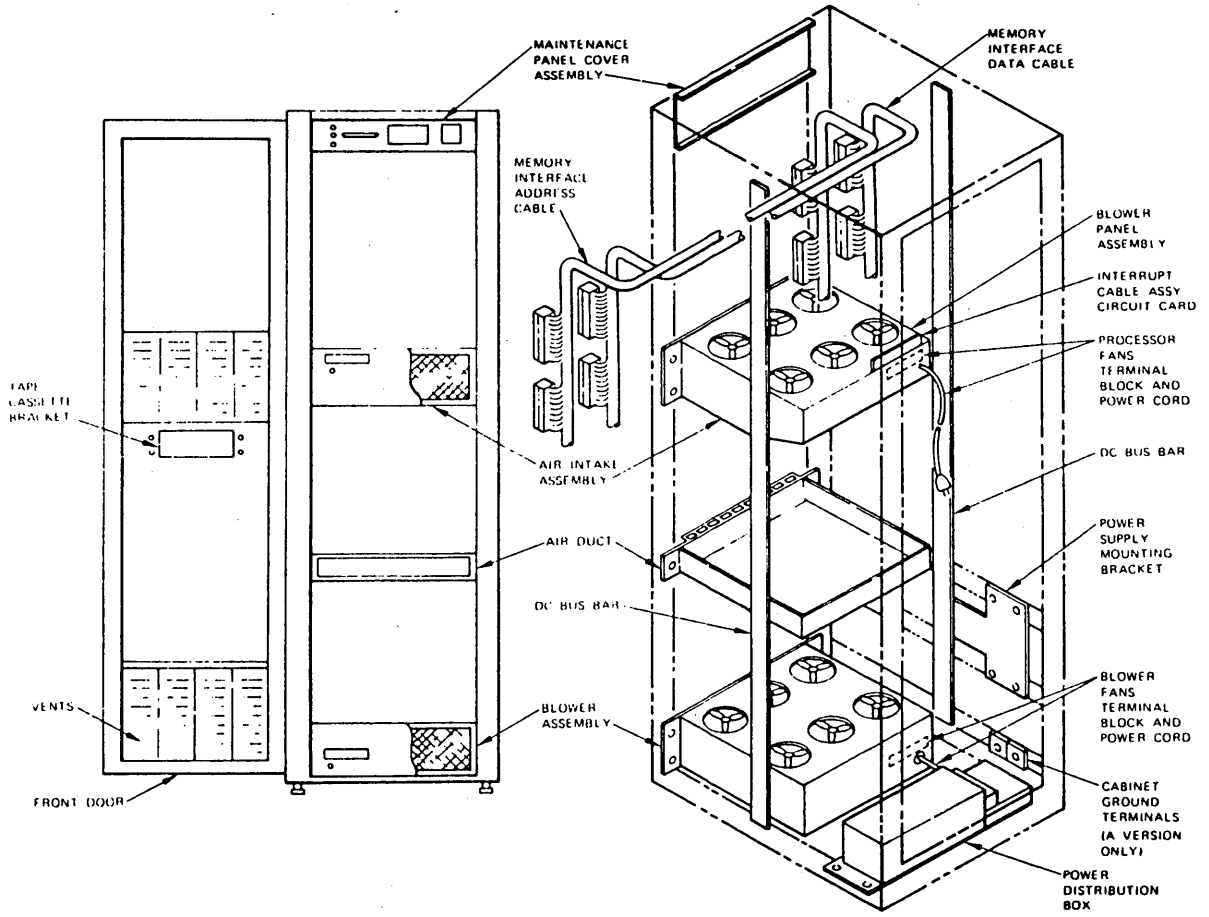
STAND-ALONE CABINET

The stand-alone cabinet (figure 1-3) contains a dc power supply, ac power distribution box, air duct, and blower assembly. This cabinet also provides facilities for distribution of dc power and grounding. The cabinet exterior dimensions and weight are the same as the basic cabinet.



M-1

Figure 1-1. Basic Cabinet Major Components



M2

Figure 1-2. Bolt-on Cabinet Major Components

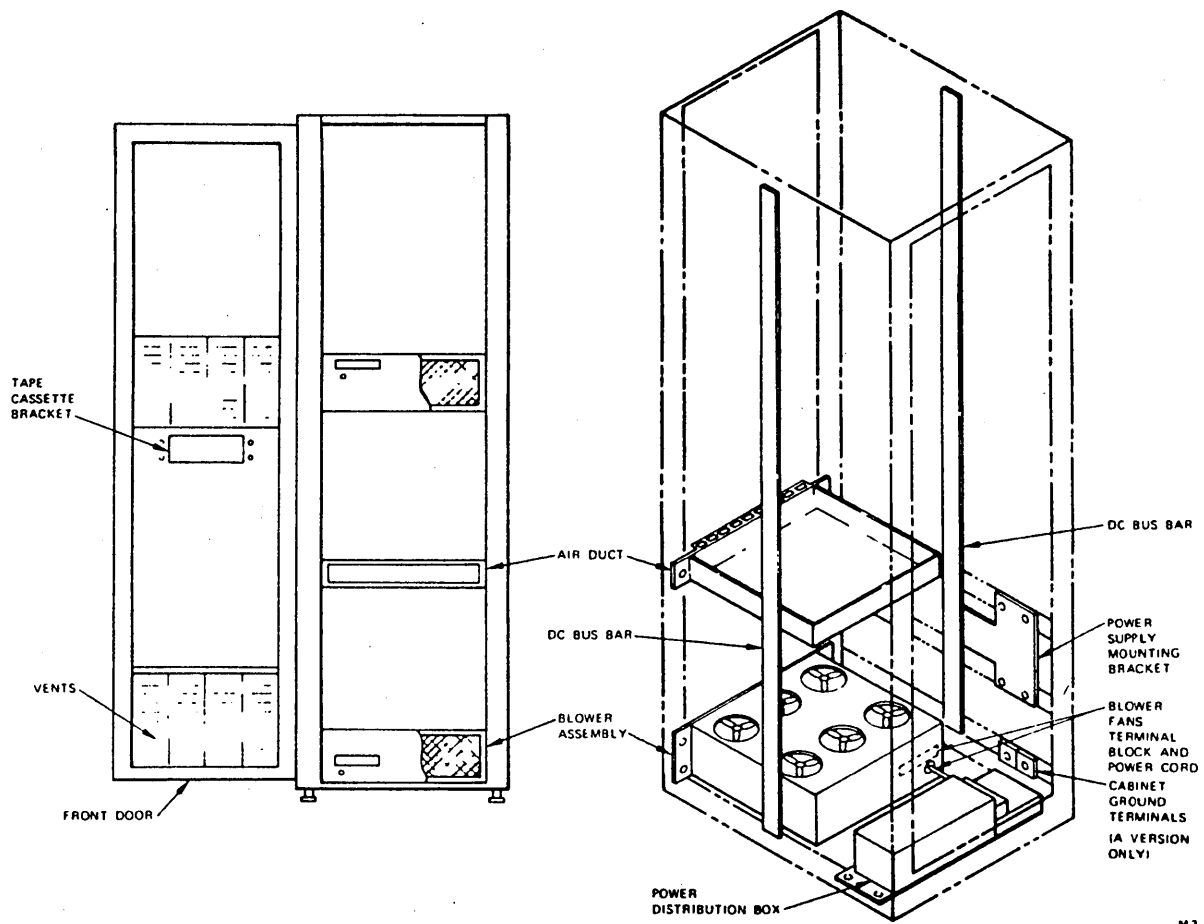


Figure 1-3. Stand-alone Cabinet Major Components

FUNCTIONAL DESCRIPTION

These cabinets provide the network processor unit modularity of equipment housing facilities. The basic cabinet provides installation facilities for the single-bay NPU system. Combining the basic cabinet with the bolt-on cabinet provides installation facilities for the double-bay NPU system. Addition of a stand-alone cabinet to any NPU provides installation, power, and cooling facilities for expansion of the communications lines.

Dc voltages, in all cabinet configurations, are distributed via two multilayer bus bars that are vertically attached to the cabinet side struts. A two-layer bus on the left side provides +5, +12, -12 volts and ground; -5 volts is wired separately. The power supply for the NPU features remote sensing, overvoltage, overcurrent, and temperature protection.

The remote sensing detects changes in load conditions and automatically corrects output to accommodate these conditions. The temperature protection automatically turns the power supply off if the temperature exceeds a danger limit. By changing connections at the accessory plugs, high margin (+5 percent), nominal, and low margin (-5 percent) can be selected.

Cabinet grounding is accomplished by heavy braid (3-foot long) with eyelet terminal for connection to installation site ground facilities. The cabinet interior structure is zinc plated to provide adequate grounding of the installed assemblies.

The basic cabinet (B version) includes a cable enclosure assembly for grounding host cable shields. The enclosure assembly is connected to the cabinet frame by a braided copper cable. Also, the cabinet is connected to the user's system ground grid by another braided cable extending from the enclosure assembly and through the bottom of the cabinet. The bolt-on and stand-alone cabinets (B version) utilize a metal plate bolted to the cabinet bottom. Braided grounding cables connect the plate to the cabinet frame and extend from the cabinet bottom to the user's system ground grid. Each of the B version cabinets contains a CLA cable clamping device for grounding the CLA cable shields.

BASIC CABINET

The basic cabinet houses one communications processor card cage (including power supply) and two loop multiplexer card cages. The blower assembly and air duct furnish the air cooling and filtering facilities for two expansion chassis. The power distribution box supplies filtered 120-volt ac primary power for the blower assembly and fans, communications processor fans, and the power supply. The air intake provides air filter and plenum for the processor cooling air flow. Laminated bus bars provide convenient dc power connections (+5, +12, -12 volts and ground) from the power supply to the installed equipment. The maintenance panel assembly provides the basic operator controls and indicators required to initialize and run the processor and tape cassette drive. The B version utilizes the cable enclosure assembly which allows host cables to enter the NPU from the bottom of the cabinet.

BOLT-ON CABINET

The bolt-on cabinet is used for expansion of a 2551-2 NPU system to a dual processor 2552-2 system. This cabinet contains the same basic components included in the basic cabinet plus the memory interface cables, interrupt cable assembly, and a dual processor console switch. The memory interface cables (address and data) interconnect the main memory address and data interface lines of the two processors. The interrupt cable assembly (figure 1-4) consists of logic elements and connectors that provide interrupt action between the two processors. The dual processor control switch transfers the console between the base processor and the multiplex processor. The bolt-on cabinet is always included as part of a 2580-1 Upgrade Kit.

STAND-ALONE CABINET

The stand-alone cabinet provides for expansion of communications lines. Each cabinet provides for addition of one through 64 communications lines to the basic single or dual processor system. The dc power supply furnishes all dc power required by the communications line adapters.

ASSEMBLIES

BLOWER AND INTAKE ASSEMBLIES

The blower assembly in the base of each cabinet contains a grille, polyurethane filter, six fans, air plenum, and power cord. These fans provide a flow of room ambient air through the communications line expansion units installed immediately above the assembly. Each fan is rated at 70 cubic feet per minute (200 litres per minute) to provide a total air flow of 420 cubic feet per minute (1110 litres per minute) through the single or dual loop multiplexer card cages.

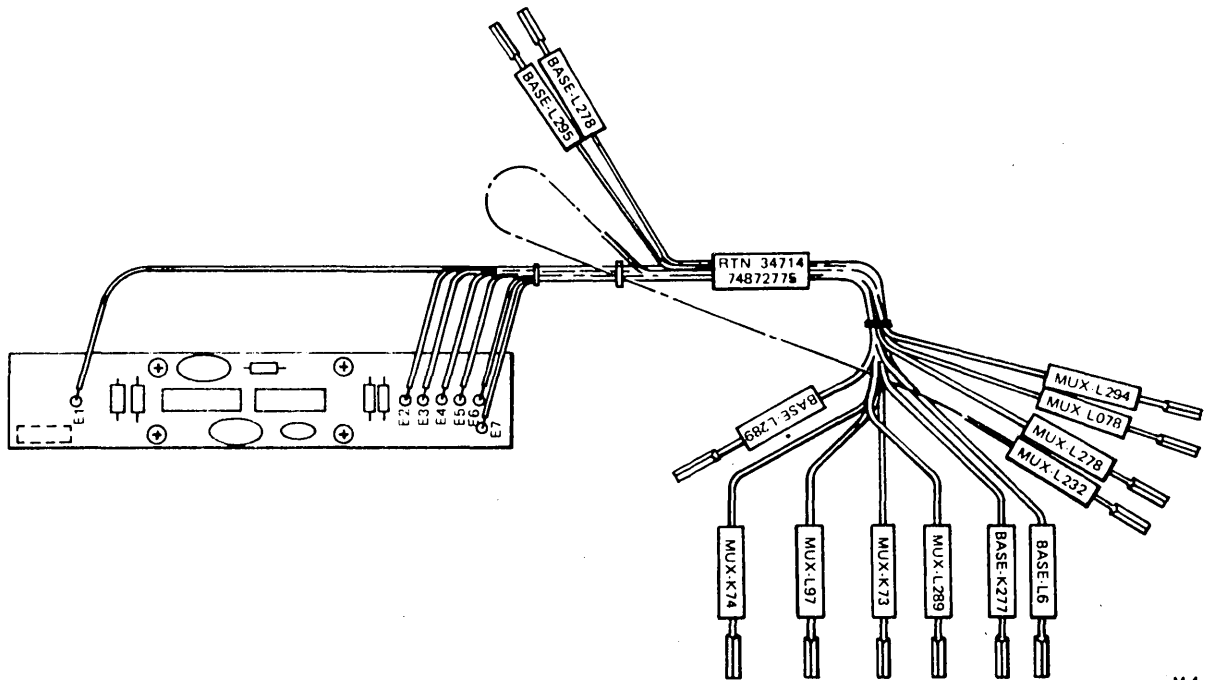
The fans bring in air through the filters at the lower front of the cabinet, into the plenum where it is directed upward through the card cages to be cooled. The grille and filter are removable to permit periodic cleaning.

POWER DISTRIBUTION BOX

The power distribution box provides ac power (120 volts) at three output receptacles, from line voltages of 120, 220, 230, 240, or 250 ac. These voltage taps are accessible through the top of the box after removing the cover. The three output receptacles include a three-prong twistlock outlet for the power supply (NEMA type L5-20P) and two three-prong straight-blade outlets for the blower assembly power cords.

MAINTENANCE PANEL ASSEMBLY

This assembly provides control and indicator facilities for the maintenance panel displays. The assembly also contains the operator controls and indicators that monitor and control the tape cassette and program protect selection. The assembly includes a wire harness and connector. The connector attaches to the cassette controller connector, on the processor backplane, to service the tape drive controls and processor protect operations.



M-4

Figure 1-4. Interrupt Cable Assembly

POWER SUPPLY

The power supply is furnished as a separate but normally installed equipment in the stand-alone, basic, and bolt-on cabinets.

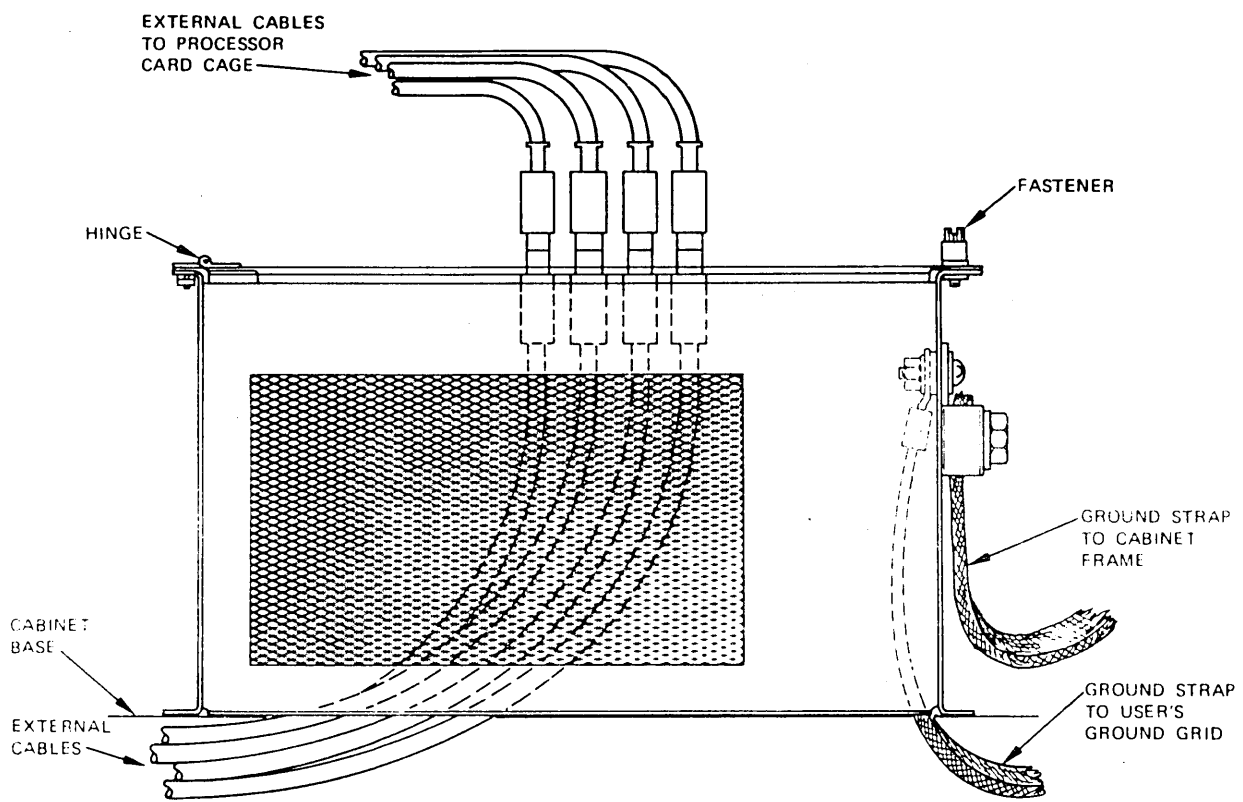
The power supply provides all the dc power required by the processor and the communications line adapters in each single-bay cabinet. The supply obtains input power (120 volts ac) from the cabinet power distribution box via the attached cable assembly.

CABLE ENCLOSURE ASSEMBLY

The cable enclosure assembly (figure 1-5) provides the space for interfacing external cables and NPU cables. The enclosure assembly enables the cable shields and connectors to be securely grounded to the cabinet frame. The enclosure assembly provides for installation of up to eight cables.

SPECIFICATION SUMMARY

Table 1-1 lists the physical and electrical specifications for the cabinets.



M-350

Figure 1-5. Cable Enclosure Assembly

TABLE 1-1. PHYSICAL CHARACTERISTICS

| Parameters | Values |
|------------------------------------------------------------|--------------------------------------|
| <u>Dimensions</u> | |
| Height | 75 in (190.5 cm) |
| Width | 24 in (60.9 cm) |
| Depth: Doors closed | 34.5 in (87.5 cm) |
| Doors open | 74.5 in (189.2 cm) |
| <u>AC Power</u> | |
| Basic and Bolt-on Cabinets | |
| Circuit Breaker | 50/60 Hz, 20 A |
| Power Consumption (full system complement installed) | 2.0 kVA |
| Heat Dissipation | 6547 Btu/h (1920 W) |
| Input Power | |
| Voltage | 120, 220, 230, 240, 250 |
| Current | 16.0 A, 9.15 A, 9.0 A, 8.5 A, 8.0 A |
| Frequency | 47 to 63 Hz |
| Phase | Single, 3-wire |
| Output Power | |
| Voltage | 120 ac |
| Current | 16 A |
| Frequency | 47 to 63 Hz |
| Connection | 3-wire |
| Stand-alone Cabinets | |
| Circuit Breaker | 50/60 Hz |
| Power Consumption (full CLA complement) | 1.7 kVA |
| Heat Dissipation (full CLA complement) | 5729 Btu/h (1860 W) |
| Input Power | |
| Voltage | 120, 220, 230, 240, 250 |
| Current | 14.0 A, 7.17 A, 7.14 A, 7.0 A, 6.8 A |
| Frequency | 47 to 63 Hz |
| Phase | Single, 3-wire |
| <u>DC Power</u> | |
| | +5 V, 135 A |
| | +12 V, 8 A |
| | -12 V, 8 A |
| | -5 V, 3 A |

This section describes the operational and maintenance controls used with the NPU equipment cabinets.

MAINTENANCE PANEL CONTROLS

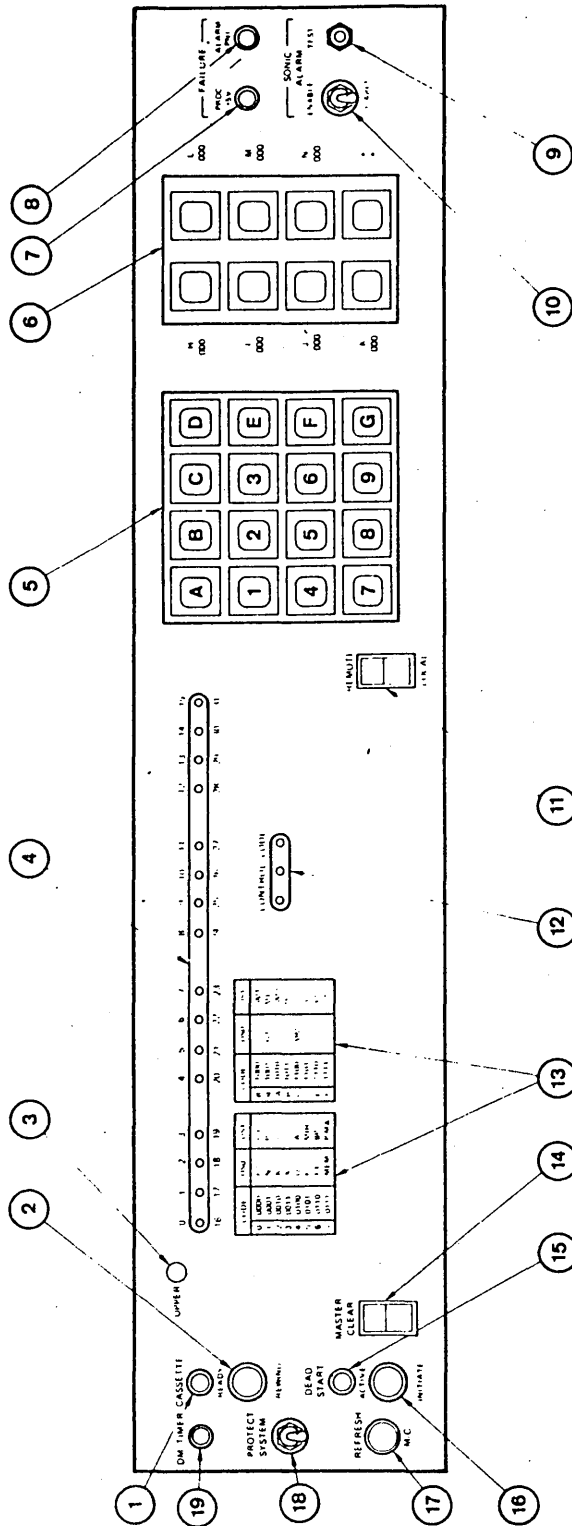
Initialization and maintenance controls are located on the maintenance panel. Three switches and two indicator lights provide for monitoring and controlling tape cassette drive operation and selection of processor memory data protection. These controls are listed in table 2-1 and the panel is shown in figure 2-1.

TABLE 2-1. MAINTENANCE PANEL CONTROLS AND INDICATORS

| Key No. (Fig. 3-1) | Panel Name | Function |
|--------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | CASSETTE REWIND pushbutton switch | Actuates rewind mode of operation in tape cassette drive |
| 2 | CASSETTE READY indicator light | Lights when tape cassette drive is ready (cassette installed, door closed, transport not rewinding, and no cyclic redundancy checksum error). A cassette must be ready to initiate deadstart. |
| 3 | UPPER indicator light | Operates with the data display indicators. Lights when data display represents contents of the upper bits in a register. Primary use is display of function control register. |
| 4 | Data Display indicator lights (16) | Displays contents of a selected register on panel; lights when bits 0 thru 15 (for 32-bit register) are being displayed; when not lit, bits 16 thru 31 are displayed. |
| 5 | Data Entry push-button switches (16) | Enter data in hexadecimal form. |
| 6 | Control Character pushbutton switches (8) | Enter control characters H, I, J, K, L, M, N and the colon (:). |
| 7 | FAILURE PROC +5V indicator | Not used |

TABLE 2-1. MAINTENANCE PANEL CONTROLS AND INDICATORS (Contd)

| Key No. (Fig. 3-1) | Panel Name | Function |
|--------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8 | FAILURE ALARM PNL indicator | Not used |
| 9 | SONIC ALARM TEST pushbutton switch | Not used |
| 10 | SONIC ALARM ENABLE/DISABLE toggle switch | Not used |
| 11 | REMOTE/LOCAL rocker switch | Selects either maintenance panel or communications console as the point of control for NPU. When set to LOCAL, panel is enabled; when switch is set to REMOTE, console is enabled. |
| 12 | CONTROL CODE indicator light (3 LEDs) | Indicates last character entered via the control character switches in the control codes listed; a 1 denotes a lighted LED. Once entered, a control code remains set until replaced by another control code or master clear. |
| 13 | Function Control Definition Table decals | Provides operator assistance information such as definitions of function control register and control character. |
| 14 | MASTER CLEAR rocker switch | Clears memory in processor and peripheral controller |
| 15 | DEAD START ACTIVE indicator light | Indicates NPU ready to receive data from a card reader or tape cassette drive, and deadstart sequence in process |
| 16 | DEAD START INITIATE pushbutton switch | Actuates data reading by a card reader or tape cassette drive; selection of device determined by the ready state of the peripherals. Only one deadstart peripheral can be ready when using this switch. |
| 17 | REFRESH MC pushbutton switch | Not used |
| 18 | PROTECT SYSTEM toggle switch | Normally in down position (system not protected); in up position, designated portions of memory are protected from overwrite during certain diagnostic routines. |
| 19 | DM TIMER indicator | Not used |



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Figure 2-1. Maintenance Panel Controls and Indicators

CABINET CONTROLS

A dual processor console switch is provided on the bolt-on cabinet. This selector switch enables connection of one console to either the base processor or the multiplex processor, as shown in figure 2-2. The functions of the switch are:

BASE position - Console is connected to base processor.

MUX position - Console is connected to the multiplex processor.

POWER DISTRIBUTION BOX

A circuit breaker and an indicator light are provided on the power distribution box at the bottom of each NPU cabinet. See figure 2-3. When the circuit breaker is activated, ac line power is applied to the equipments in the cabinet in which it is located. A POWER ON indicator light, when on, indicates that line power has been applied to the ac output receptacles.

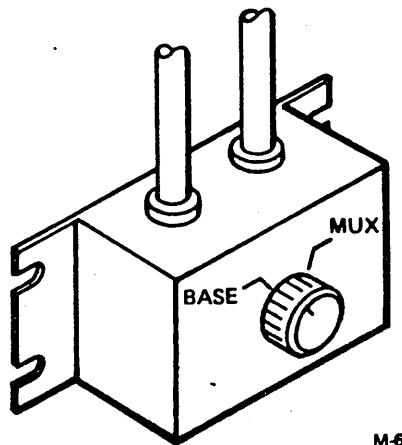


Figure 2-2. Dual Processor Console Switch

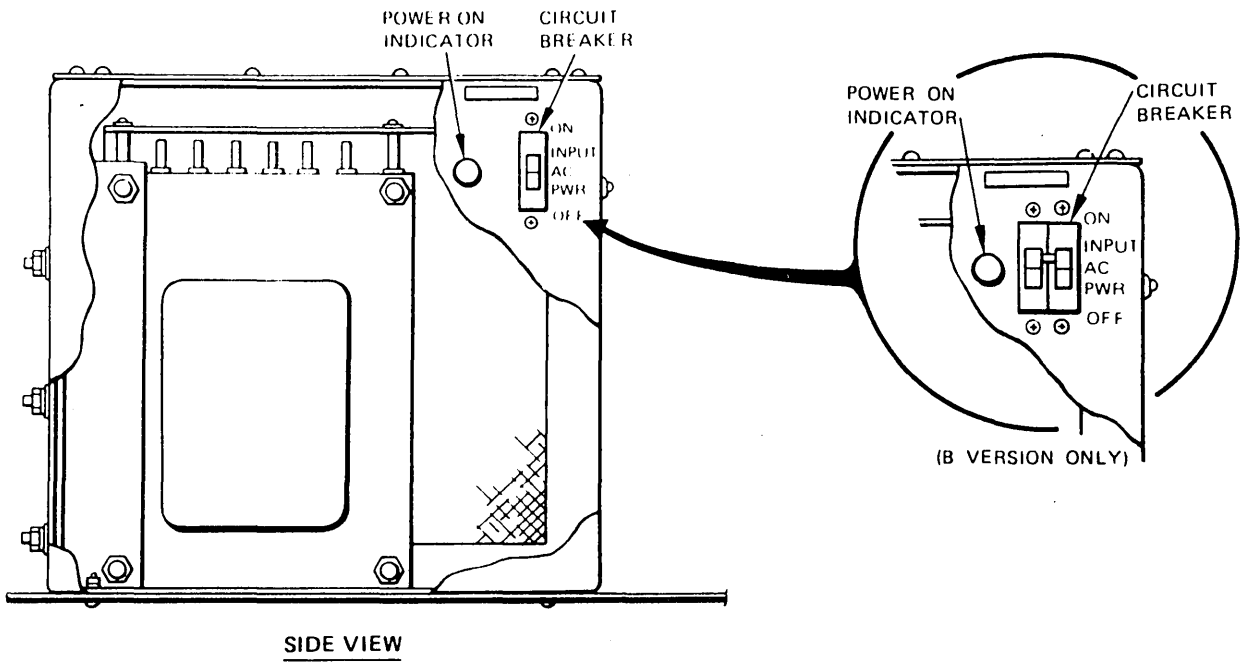


Figure 2-3. Power Distribution Box Control and Indicator

M-349

Installation consists of mounting the power supply into the cabinet (if not already installed), attaching power distribution box to power source, and checking dc power levels. When the system components and cabinet are integrated in the field, the associated installation and checkout procedure should be employed.

POWER SUPPLY

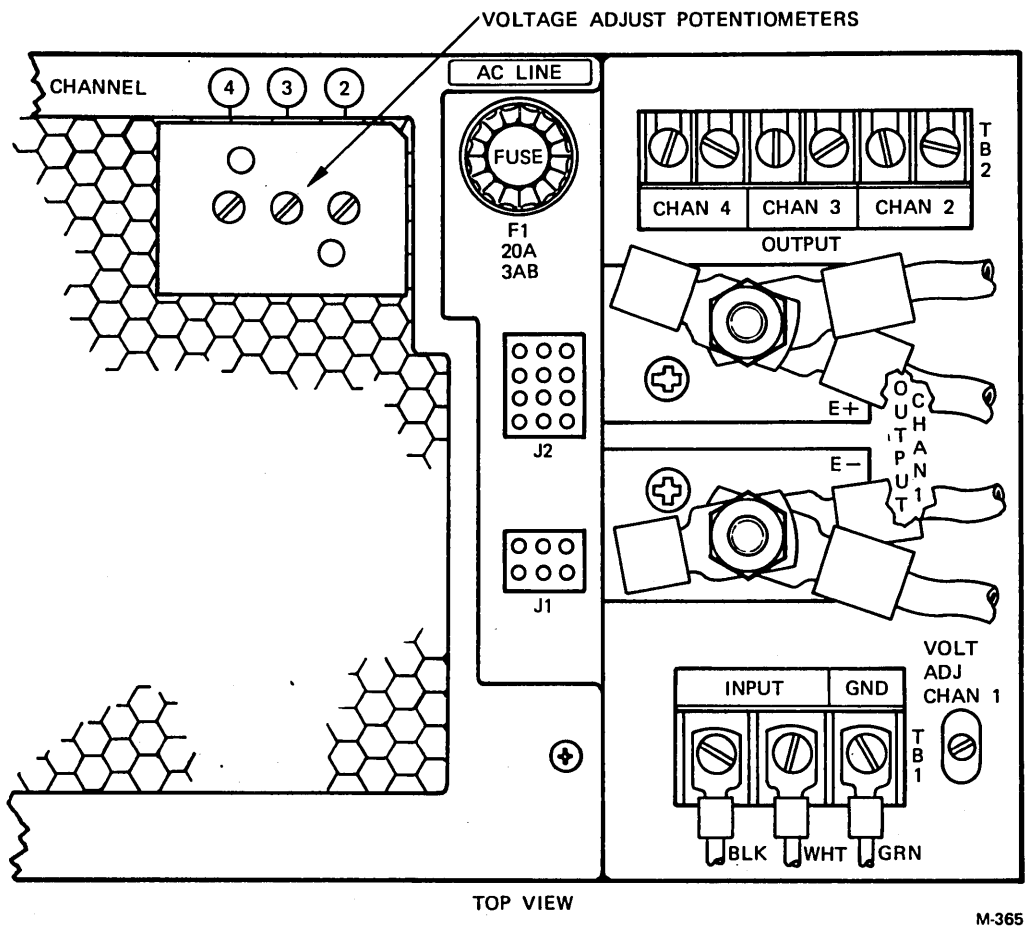
The power supply is installed on the power supply mounting bracket (figures 1-1, 1-2, and 1-3), with the terminal end up. Before attaching the power supply to the mounting bracket, complete the preliminary wire and cable connections.

1. Using black no. 14 AWG wire and three no. 6 terminal lugs, prepare jumper wire to interconnect the +5 V, -5 V, +12 V, and -12 V return terminals. Connect jumper wire from CHAN 1 E- to CHAN 4+, CHAN 3- and CHAN 2+ (figure 3-1).
2. Place power supply on mounting bracket (terminals up) and ensure that power supply bracket is hooked over support rail. Using two 8-32 x 1/2-inch screws, no. 8 lockwasher, and no. 8 flat washer, secure power supply to mounting bracket.
3. Using brace brackets and 8-32 hardware (screw, lockwasher, and flat washer), attach brace brackets to the two mounting holes at inside edge of power supply. Ensure that brace clamps power supply edge.

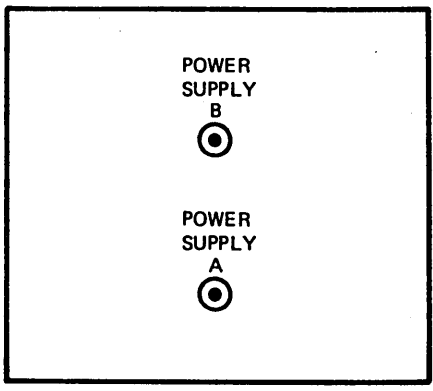
NOTE

Place the short cable beneath the long cable when attaching cable terminals to power supply stud.

4. Attach two red no. 2 cables to CHAN 1 E+ terminal to power supply (figures 3-1 and 3-2). Route long cable to left bus bar and route short cable to right bus bar.
5. Attach two black no. 2 cables to CHAN 1 E- terminal of power supply (figures 3-1 and 3-2). Route long cable to left bus bar and route short cable to right bus bar.
6. Attach red cables to bus bar +5 V terminals, and black cables to bus bar GND terminal (figure 3-2). Use large bus bar tabs for these connections. Secure cables to tie bar.
7. Attach blue wire, of cable set, between CHAN 2- terminal of TB2 and -12 V terminal of right bus bar.
8. Attach orange wire, of cable set, between CHAN 3+ terminal of TB2 and +12 V terminal of right bus bar. Route and secure excess wire to tie bar.

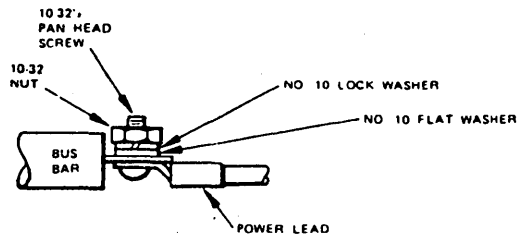
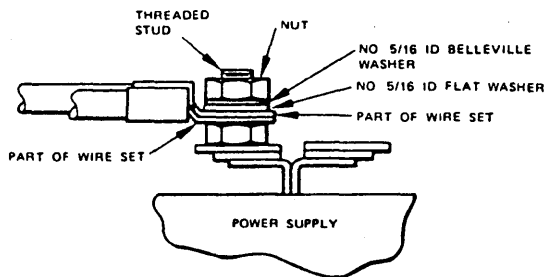
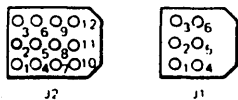
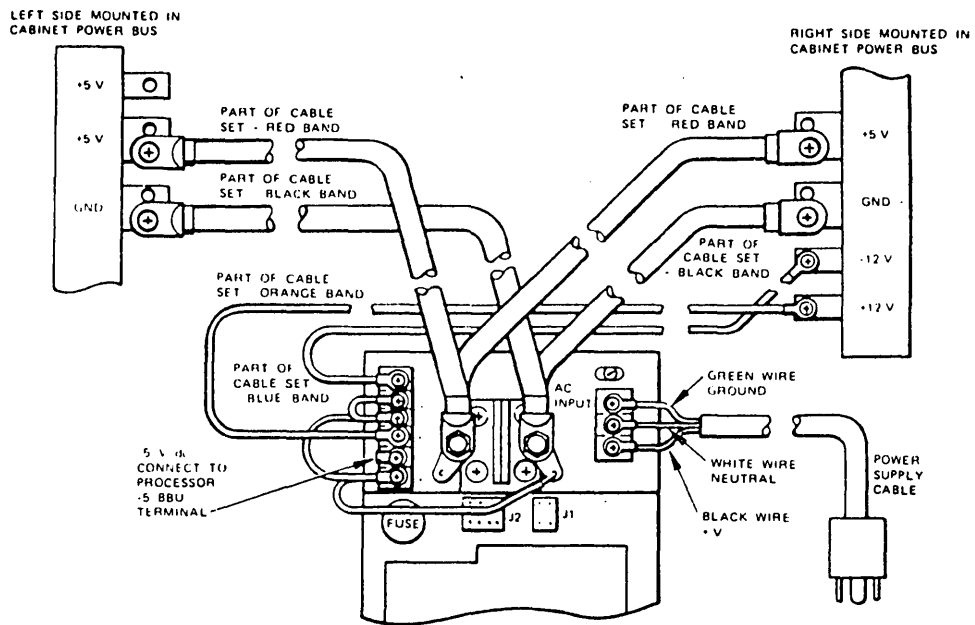


M-365



M-363

Figure 3-1. Power Supply



NOTE
 APPLY CONDUCTIVE PASTE TO TABS
 OF POWER BUS AND TO THREADS OF
 POWER SUPPLY STUDS PRIOR TO
 ASSEMBLY

M 8

Figure 3-2. Power Supply Terminals

9. Attach ac power cord to TBl; connect green lead to CHAS GRD terminal, white lead to center terminal, and black lead to end terminal. Connect twistlock plug to J1 of power distribution box. Tie loose cable to side structure of cabinet interior.
10. Connect margin voltage sensing jumpers to J1 and J2 per system requirements in accordance with table 3-1 and figure 3-2.

POWER DISTRIBUTION BOX

This procedure pertains to connecting the ac power from the power source (line) to the input transformer. Colors enclosed by parentheses indicate 50-Hz power connection code.

Test equipment required: Simpson model 270 multimeter or equivalent.

1. Remove top cover from power distribution box (PDB) (figure 3-3).
2. Using multimeter, measure power source (line) voltage.
3. If power cable is provided, connect cable terminals to PDB power transformer. If cable is not provided, obtain cable and connector from customer or attach directly to service entrance circuit box. Connect green (green/yellow) lead to GND, white (blue) lead to COM, and black (brown) lead to voltage tap of transformer (120, 220, 230, 240, or 250). Colors in parentheses are applicable to connection codes used outside the U.S.A.
4. Ensure that PDB connectors are open and circuit breaker is in OFF position. Attach PDB power cable to power source.
5. Set circuit breaker to ON position and observe that indicator lights. Using multimeter check that all receptacles have 120 V ac present at power terminals. Set circuit breaker to OFF position.
6. Connect blower assembly power cord to compatible receptacle of PDB, set circuit breaker to ON position, and observe that all blower fans rotate. Set circuit breakers to OFF, disconnect blower assembly power cord, and attach power supply cord to twistlock connector.

TABLE 3-1. MARGIN VOLTAGE JUMPER CONNECTIONS

| Operation Mode | +5 V | +12 V | -12 V | -5 V |
|-------------------------------------------|-----------------------------------------------|---------------|-----------------|---------------|
| Nominal† | J1(3) - J1(5) | J2(7) - J2(8) | J2(10) - J2(11) | J1(6) - J2(5) |
| High | J1(2) - J1(5) | J2(9) - J2(7) | J2(10) - J2(12) | J1(6) - J2(2) |
| Low | Jumpers not required for low margin operation | | | |
| †Nominal indicates normal operation mode. | | | | |

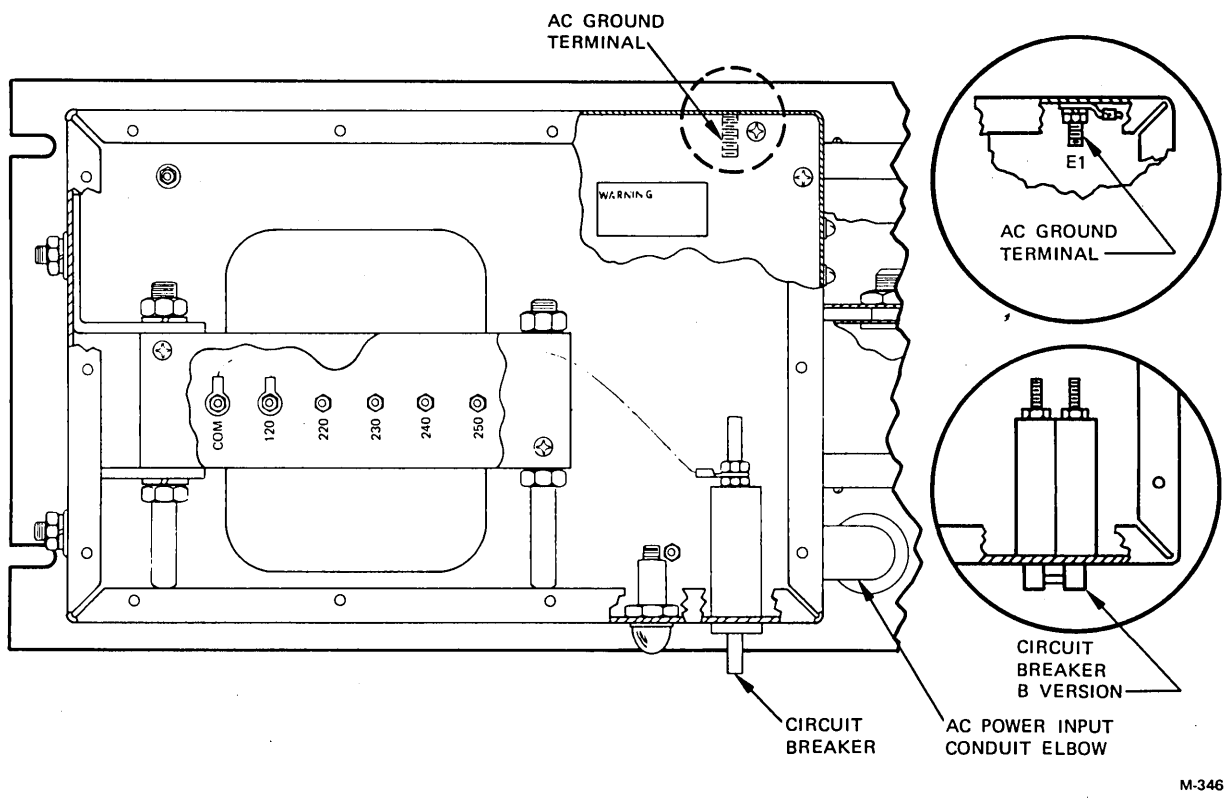


Figure 3-3. Power Distribution Box Installation Diagram

POWER SUPPLY CHECKOUT AND ADJUSTMENTS

There is no switch on the power supply. The power supply is energized when the power distribution box circuit breakers (switches) are activated.

Test equipment required: A Simpson model 270 multimeter or equivalent and a 5-ohm, 50-watt resistor.

1. Ensure that power supply ac input cable is connected to power distribution box (PDB) receptacle J1 and input power, compatible with tap setting of PDB transformer, is applied. Connect power supply J1/J2 receptacle for nominal voltage, using either plugs supplied or jumper wires. See table 3-1.
2. Set circuit breaker of PDB to ON and observe that indicator lights.
3. Connect 0.5-ohm, 50-watt resistor across +5 V dc terminals.
4. Set multimeter to select lowest range capable of displaying -5 V dc.
5. Connect multimeter leads to left bus bar +5 V terminals that are farthest from power supply: negative lead to GND and positive lead to +5 V.
6. Observe that meter indication is within limits of -4.95 to +5.05 V. If indication is outside of limits, correct by adjusting CHAN 1 control of power supply (figure 3-1). Turn control clockwise to increase voltage.
7. Disconnect meter leads from left bus bar and check for +5 V availability at right bus bar.
8. Disconnect meter leads and set meter range to display +12 V dc.
9. Connect meter leads to right bus bar +12 V terminals that are farthest from power supply; negative lead to GND and positive lead to +12 V.
10. Observe that meter indication is within limits of +11.88 to +12.12 V. If indication is outside of limits, correct by adjusting CHAN 3 control of power supply (figure 3-1). Turn control clockwise to increase voltage.
11. Disconnect meter leads and reconnect to right bus bar -12 V terminals that are farthest from power supply; negative lead to -12 V terminal and positive lead to GND terminal.
12. Observe that meter indication is within limits of -11.88 to -12.12 V. If indication is outside of limits, correct by adjusting CHAN 2 control of power supply (figure 3-1). Turn control clockwise to increase voltage.
13. Disconnect meter, turn off power at power distribution box, and proceed with installation.

This section describes the theory of operation for the equipments of the three cabinet configurations. These descriptions include the power distribution box and grounding that are common to all configurations, and the interrupt cable assembly logic and dual processor control switch that are applicable to the bolt-on cabinet only.

CABINET GROUNDING

The cabinets are designed to provide adequate grounding. See figures 4-1 and 4-2. Refer to section 1. The ground lead should be connected to a good earth ground, i.e., water pipe, structural frame of the building, or, if none of the above is available, multiple 8-foot ground rods driven in the ground. Circulating currents can develop in ungrounded electronic equipment cabinets that may seriously interfere with proper operation. Grounding is also necessary to provide prompt disconnect under fault conditions. This grounding is usually an electrical code requirement for the protection and safety of personnel. Refer to the Site Preparation manual (see preface) for additional information on grounding.

NOTE

The equipment is also safety-grounded via the green (green/yellow) wire of the input power wiring.

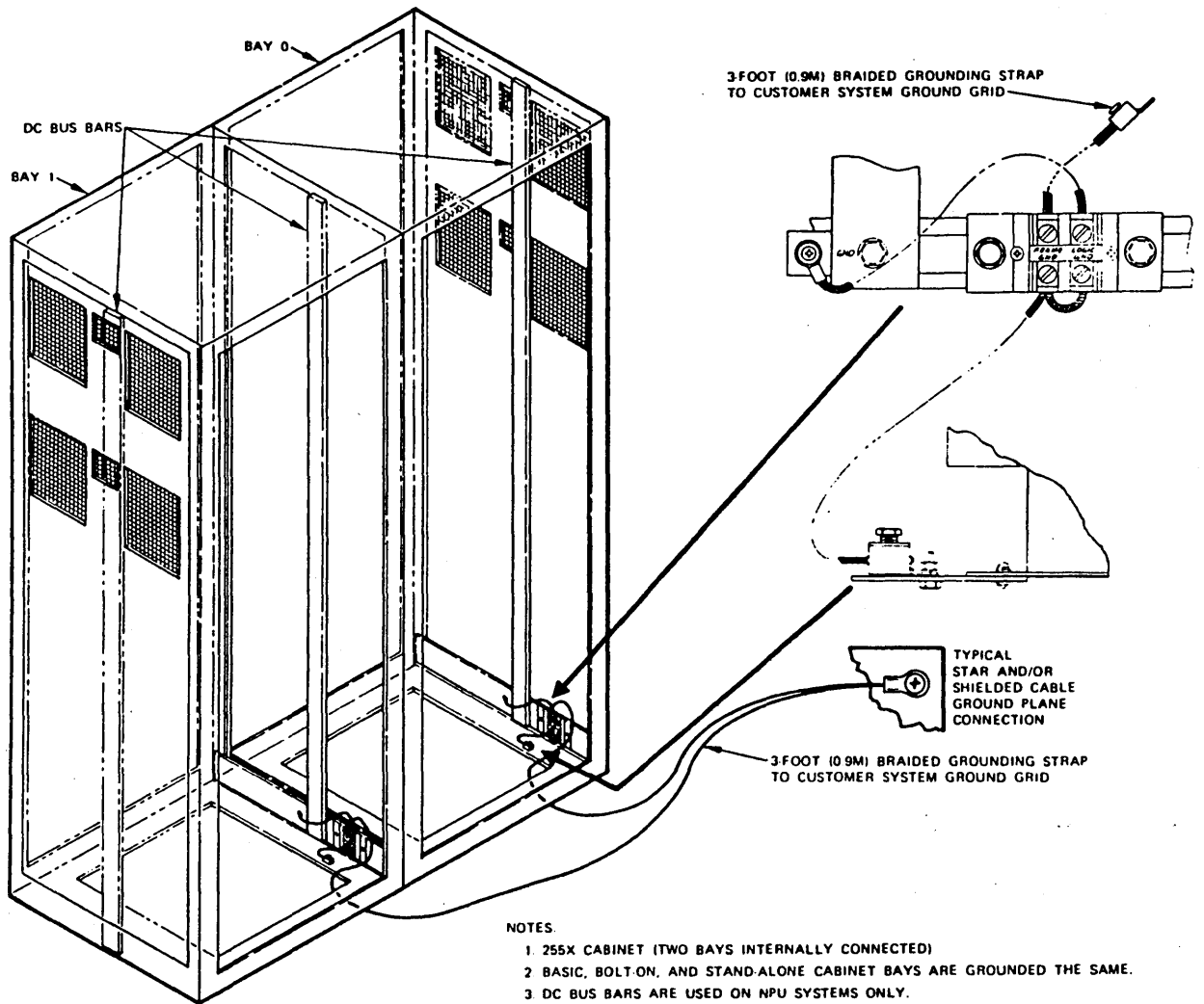
CABLE SHIELD GROUNDING

The B version cabinets (figure 4-2) provide a copper, finger-type grounding clamp which presses against the CLA cable shields at the point of cable entry to the bottom of the cabinet. Also, in the basic cabinet the host cable shields are grounded at the cable enclosure assembly.

POWER DISTRIBUTION BOX

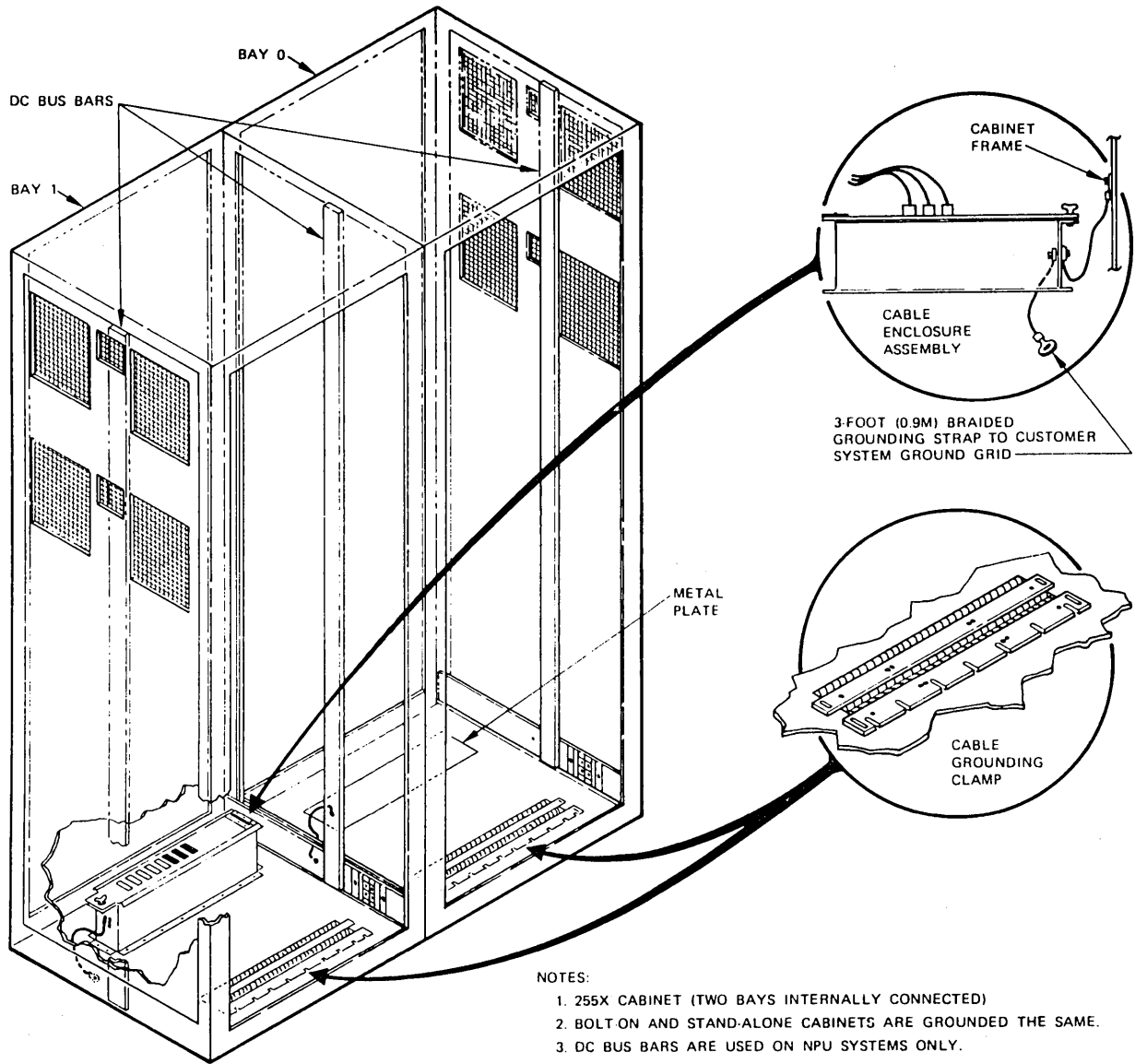
The power distribution box converts the input power (120 V, 220 V, 230 V, 240 V, or 250 V) at 47 to 63 Hz to 120 V at input frequency. The 120 V output provides ac power for energizing the dc power supply, blower assembly fans, and processor fans within the cabinet. See wiring diagram in section 5.

The power distribution box contains an autotransformer, circuit breaker, power-on indicator, filter, and three receptacles. The autotransformer converts the input line voltage, applied to the compatible power source tap, to 120 V. When the circuit breaker (CB1) is set to ON the indicator (DS1) lights. This applies 120 V at the input frequency to the output receptacles via the line filter. The line filter is a low-pass filter that passes the fundamental frequency of the ac input line and suppresses noise frequencies that might be present. It also prevents internal noise (e.g., switching spikes from the power supply) being coupled out of the cabinet onto the power line.



M347

Figure 4-1. Typical Grounding Arrangement for A Version Cabinet



M-348

Figure 4-2. Typical Grounding Arrangement for B Version Cabinet

DUAL PROCESSOR CONSOLE SWITCH

This switch is provided with dual processor systems and the bolt-on cabinet when an NPU is expanded to a dual processor system. The switch is mounted inside the bolt-on cabinet.

The switch contains a six-pole, double-throw rotary switch, terminal block, two resistors, and two diodes assembled in a housing with a control knob and connecting cables. The selector switch provides for switching of a single console between the base and multiplex processors without interference injection. The diode and resistor connections provide circuit isolation between dc power leads, and the cables provide connection to the processor backplane connector of the I/O TTY controller and the console. See figure 4-3.

INTERRUPT CABLE ASSEMBLY

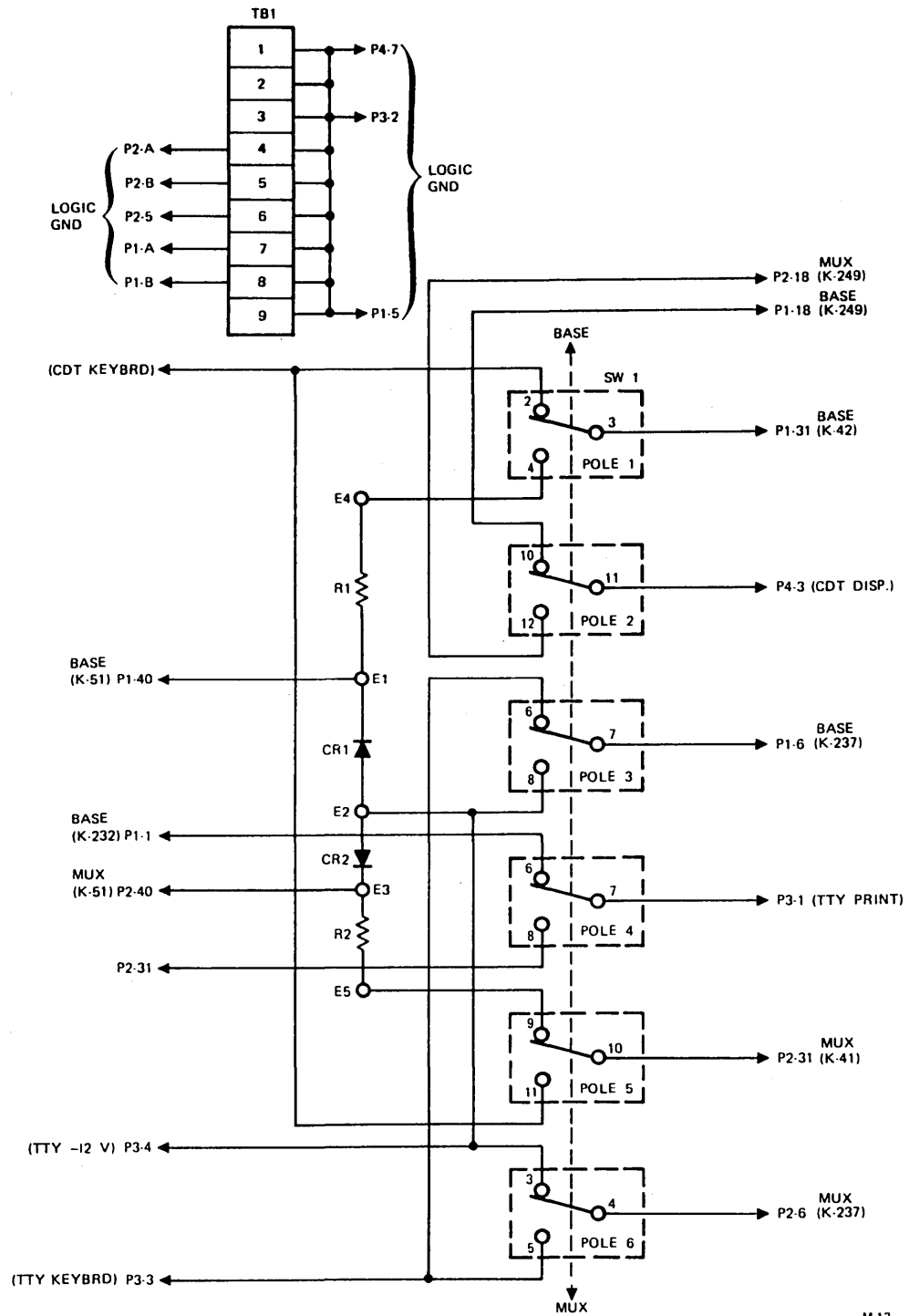
The interrupt cable assembly and logic (figure 4-4) provides three major interrupt functions:

- Master clear of the multiplex processor by the base processor.
- Remote clear, start, and run control of the multiplex processor from the base processor.
- Crossover signal interface between processors (multiplex to base and base to multiplex).

The logic card contains two retriggerable monostable multivibrators and six open collector drivers. When the master reset (MR) signal from the base processor is active at E6, the master clear start (MC-S) is applied to the master clear logic of the multiplex I/O TTY controller. This activates a master clear of the multiplex processor. Thus a master clear at the multiplex processor clears only that processor, while a master clear at the base processor clears both processors.

When the status mode bit 208 applied to E1 changes state, the multiplex processor is cleared or started. A transition from high to low produces a 1.5-microsecond positive pulse that activates the master clear cycle of the multiplex processor via terminal E2. A transition from low to high produces a 1.5-microsecond positive pulse that activates the master clear cycle of the multiplex processor via terminal E2. A transition from low to high produces a 1.5-microsecond positive pulse that activates the microstart of the multiplex processor I/O TTY controller and initiates the macro run interrupt of the multiplex processor status multiplexer input (SMI) card. Thus, under program control of the base processor, the multiplex processor can be master cleared (which also stops the processor and sets its program address to location zero) and starts both microprograms (i.e., emulator) and microprogram (operating system).

The SM205 and SM206 lines designate transfer of base processor data to the multiplex processor and vice versa. Using this system, setting status mode bit SM206 in the base also sets SM206 in the multiplex processor, where it generates an internal interrupt. Similarly, setting SM205 in the multiplex processor also sets SM205 in the base, where it generates an internal interrupt. Thus each processor can signal the other to pick up messages from a common area in base processor main memory (to which both have access via the memory access cables). The SM208 input at E5 is provided for future expansion.



M-12

Figure 4-3. Dual Processor Console Switch, Schematic Diagram

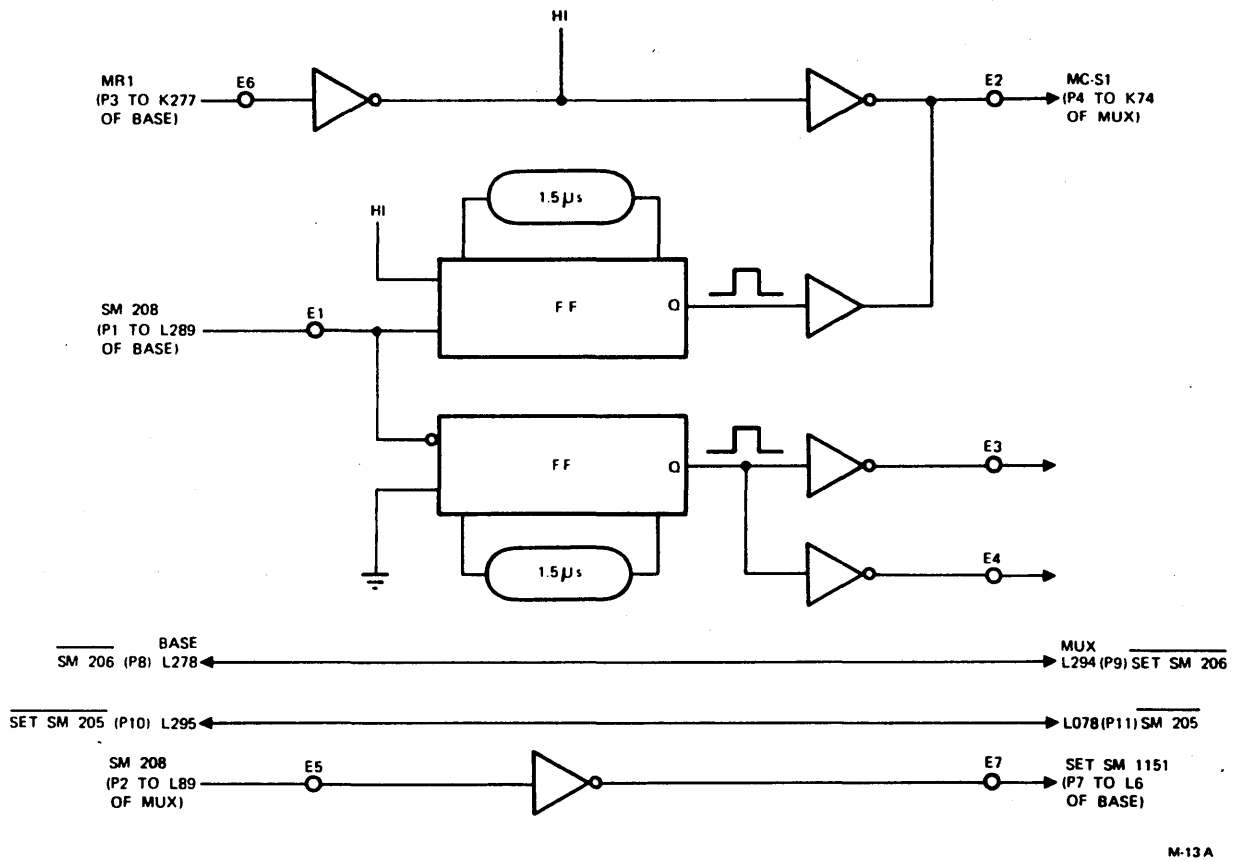
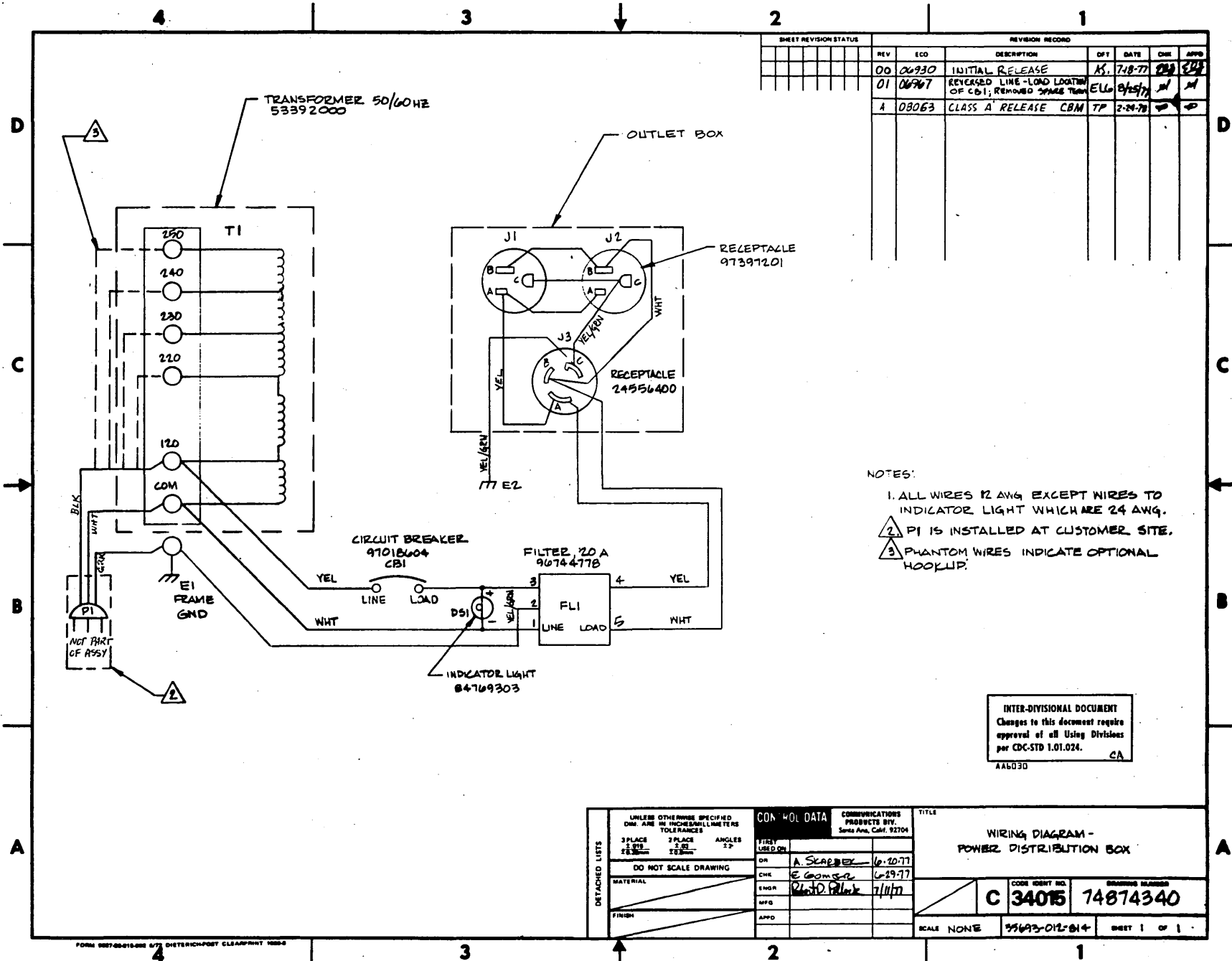


Figure 4-4. Interrupt Logic, Simplified Diagram

DIAGRAMS

5

This section contains the power distribution box wiring diagram for the equipment cabinets.



| SHEET REVISION STATUS | | | | REVISION RECORD | | | |
|-----------------------|-------|--------------------------------------------------------|-----|-----------------|-----|------|--|
| REV | ECO | DESCRIPTION | QTY | DATE | CHK | APPD | |
| 00 | 06930 | INITIAL RELEASE | | AS, 7/18-77 | | | |
| 01 | 06967 | REVERSED LINE-LOAD LOCATION OF CBI; REMOVED SPARE TERM | | ELLG 8/25/77 | | | |
| A | 08063 | CLASS A RELEASE CBM TP | | 2-24-78 | | | |

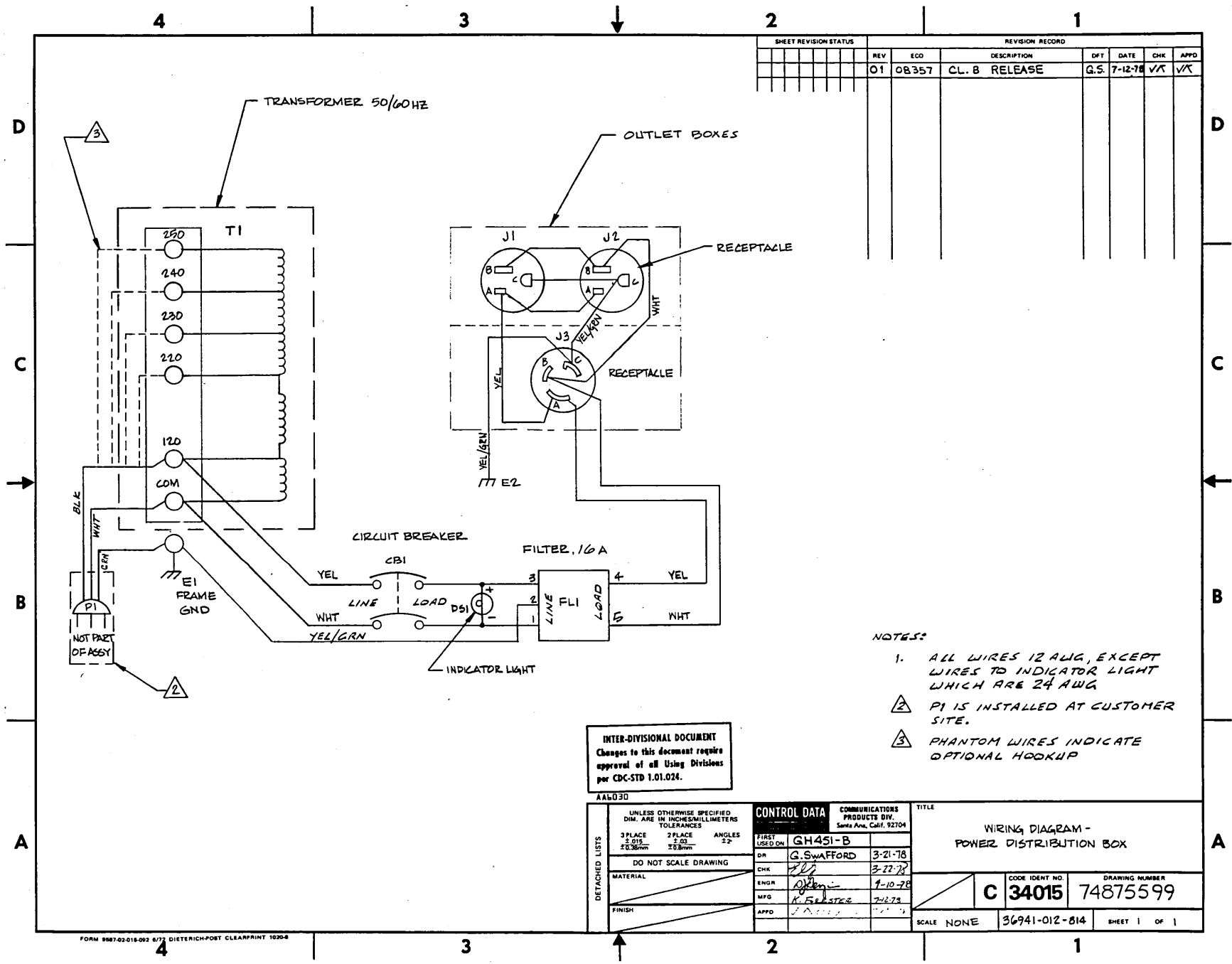
NOTES:

- ALL WIRES 12 AWG EXCEPT WIRES TO INDICATOR LIGHT WHICH ARE 24 AWG.
- PI IS INSTALLED AT CUSTOMER SITE.
- PHANTOM WIRES INDICATE OPTIONAL HOOKUP.

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024. CA

A46030

| | | | | | |
|----------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|------------------------|-----------------------------------------------------------------|
| DETACHED LISTS | UNLESS OTHERWISE SPECIFIED DIM: ARE IN INCHES/MILLIMETERS TOLERANCES | CON VOL DATA | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | TITLE | |
| | 3 PLACE 1/16" 1/32" 1/64" 1/8" 3/16" 1/4" 3/8" 1/2" 5/8" 3/4" 7/8" 1" | 3 PLACE 1/16" 1/32" 1/64" 1/8" 3/16" 1/4" 3/8" 1/2" 5/8" 3/4" 7/8" 1" | ANGLES 22 | | WIRING DIAGRAM - POWER DISTRIBUTION BOX |
| | DO NOT SCALE DRAWING | DR A SCARPER 10-20-77 | CHK E GOMBERG 6-29-77 | ENGR R. D. BLOK 7/1/77 | CODE IDENT NO. C 34015 DRAWING NUMBER 74874340 |
| | MATERIAL | FINISH | SCALE NONE | 95693-012-014 | SHEET 1 OF 1 |



| SHEET REVISION STATUS | | | | REVISION RECORD | | | |
|-----------------------|-------|---------------|------|-----------------|-----|------|--|
| REV | ECO | DESCRIPTION | DFT | DATE | CHK | APPD | |
| 01 | 08357 | CL. B RELEASE | G.S. | 7-12-78 | VK | VK | |

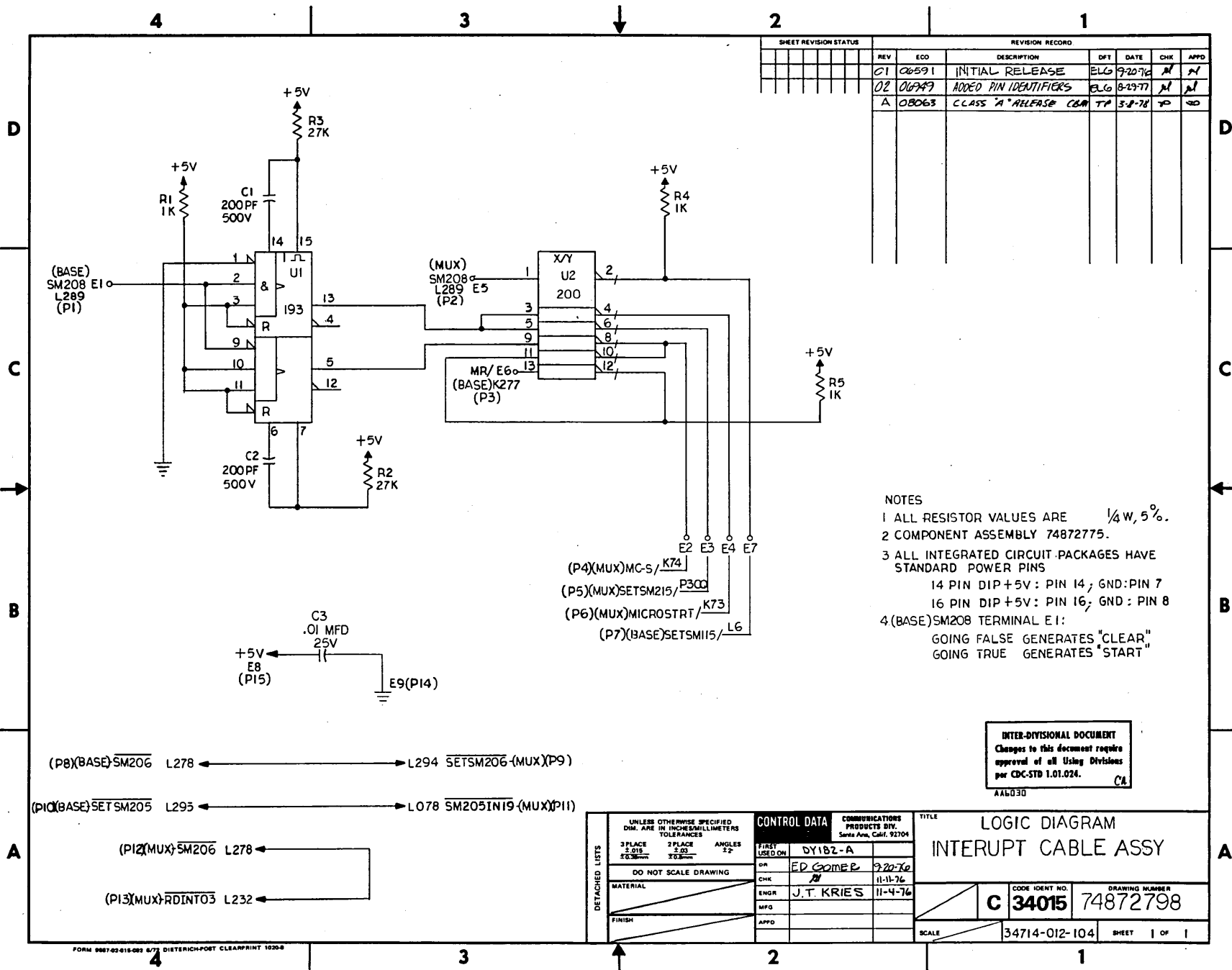
NOTES:

1. ALL WIRES 12 AWG, EXCEPT WIRES TO INDICATOR LIGHT WHICH ARE 24 AWG
2. P1 IS INSTALLED AT CUSTOMER SITE.
3. PHANTOM WIRES INDICATE OPTIONAL HOOKUP

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.

AA6030

| | | | | | | |
|----------------|---------------------------------------------------------------|---------------------------|--------------|---------------------------------------------------------|---------------|--------------------------------------------|
| DETACHED LISTS | UNLESS OTHERWISE SPECIFIED: DIM. ARE IN INCHES/MILLIMETERS | CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | TITLE |
| | 3 PLACE ±.015 ±0.38mm | 2 PLACE ±.00 ±0.8mm | ANGLES 2° | FIRST USED ON | GH451-B | WIRING DIAGRAM - POWER DISTRIBUTION BOX |
| | DO NOT SCALE DRAWING | | | DR | G. SWAFFORD | |
| | MATERIAL | ENGR | | CHK | J.P. | 3-27-78 |
| FINISH | MFG | | APPD | K. FOLSTER | 7-10-78 | SCALE NONE |
| | | | C | | 34015 | DRAWING NUMBER 74875599 |
| | | | | | 36741-012-814 | SHEET 1 OF 1 |



This section contains the maintenance required by the cabinet supplied equipment. Maintenance schedules and routines, required by system equipment, should be performed in accordance with these procedures.

PREVENTIVE MAINTENANCE

Preventive maintenance is performed as part of general system maintenance and consists of the following:

1. Clean the cabinet exteriors when necessary with a soft lint-free cloth that has been moistened with a mild household cleaning solution. Door and cover ventilation holes should be cleaned periodically using a soft bristle brush, cleaning solution, and vacuum cleaner as required.
2. Clean air filters once every 30 days (more frequently in dusty environment).
3. Check power supply indicator. Test power supply and readjust voltages if necessary.

AIR FILTER CLEANING

Clean the blower and air intake assembly filter (figures 1-1, 1-2 and 1-3) as follows:

1. Remove the cover grille by lifting the grille up and then pulling forward from the base; then remove the filter.
2. Use low-velocity air jet to blow air in the reverse direction of normal flow (refer to arrow on side of frame).
3. If filter requires washing, use hot water and mild detergent, gently agitate the filter in the water. Completely dry filter before reinstalling.
4. Visually verify that all fan blades are rotating at approximately the same speed and that all fans are operating quietly. Any noisy or inoperative fan should be replaced.
5. Reinstall filter; replace grille.

POWER SUPPLY

Clean power supply cooling fan grille periodically, using a soft bristle brush and vacuum cleaner.

INDICATORS

Determine that the power supply indicator is operating when activated.
Replace as necessary.

POWER SUPPLY TEST

Refer to power supply checkout and adjustment procedure provided in section 3.

NOTE

Preventive maintenance should also be performed regularly on the tape cassette drive. Refer to the applicable maintenance documentation for this procedure.

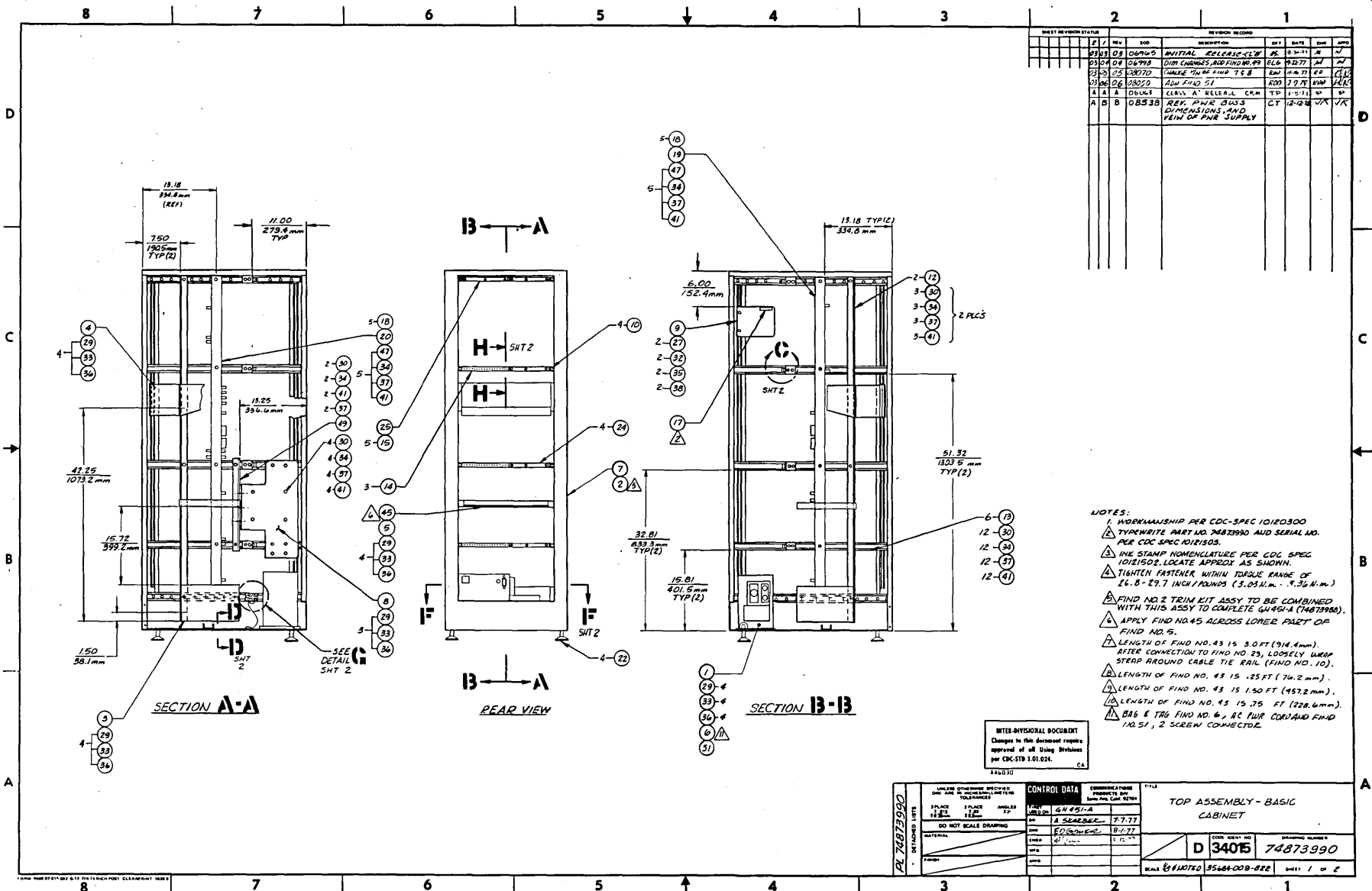
CORRECTIVE MAINTENANCE

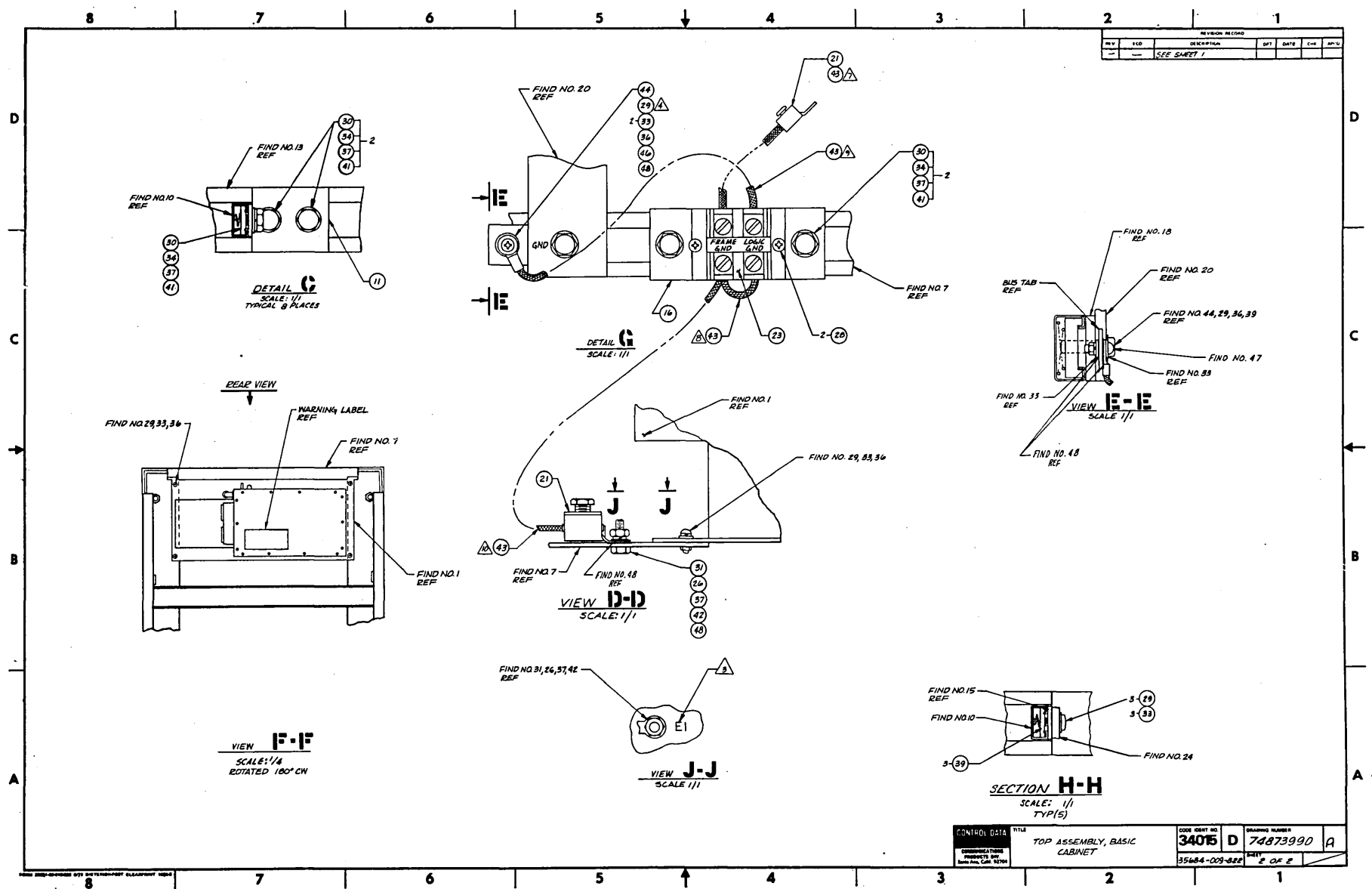
No corrective maintenance procedures are required for the cabinets. Maintenance for the power supplies in the cabinets is described in the power supply maintenance manual (see preface).

PARTS DATA

7

This section contains parts data for the basic, bolt-on, and stand-alone cabinets of the network processor unit. For power supply parts data refer to the manual listed in the preface.







ASSEMBLY PARTS LIST

| 74873990 | F | A | D | CABINET BASIC | CA | 2551 | 03/22/78 | 042241 | 05/19/81 | 1 / 2 | MF |
|-----------------|-----|----|----|----------------------|---------------|-------------|--------------|--------------------|-----------------|-------------|----|
| ASSEMBLY NUMBER | REV | CL | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | CHANGE ORD. NUMBER | PROCESSING DATE | PAGE NUMBER | |

| FIND NUMBER | DW | REV | CL | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | NAME/BUY PART TYPE | PH | Q |
|-------------|----|-----|----|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|----|---|
| 52 | C | | | 09027805 | 10.00 | PC | WASHER, NONMETALLIC | IN | 009153 | 020180 | PPP1 | N | N |
| 46 | A | | | 10125108 | 1.00 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | N | N |
| 42 | A | | | 10125301 | 1.00 | PC | HEXAGON NUTS | IN | 008658 | 082379 | PPP1 | N | N |
| 32 | A | | | 10125606 | 2.00 | PC | PLAIN WASHERS | IN | | | PPP1 | N | N |
| 33 | A | | | 10125607 | 36.00 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | N | N |
| 35 | A | | | 10125804 | 2.00 | FC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 36 | A | | | 10125805 | 20.00 | FC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 37 | A | | | 10125806 | 61.00 | FC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 26 | A | | | 10126404 | 2.00 | FC | EXTERNAL TOOTH LOCK WASHERS | IN | 008658 | 082379 | PPP1 | N | N |
| 30 | A | | | 10126500 | 50.00 | PC | PLAIN HEX HD CAP SCR 1/4-20 | IN | | | PPP1 | N | N |
| 47 | A | | | 10126502 | 11.00 | FC | PLAIN HEX HD CAP SCR 1/4-20 | IN | 008658 | 082379 | PPP1 | N | N |
| 27 | A | | | 10127123 | 2.00 | PC | SCR MACH PAN PHL 8-32 | IN | | | PPP1 | N | N |
| 28 | A | | | 10127125 | 2.00 | PC | SCR MACH PAN PHL 8-32 | IN | | | PPP1 | N | N |
| 29 | A | | | 10127143 | 35.00 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP1 | N | N |
| 21 | C | | | 13487201 | 2.00 | PC | TERMINAL, PRESSURE SCREW | IN | | | PPP4 | N | N |
| 51 | C | | | 24518102 | 1.00 | FC | CONN FLEX. CND AND CABLE | IN | | | PPP1 | N | N |
| 43 | C | | | 24534811 | 66.00 | IN | SHIELD ELECT BRAIDED-BULK | IN | | | PPP2 | N | N |
| 38 | A | | | 39005400 | 2.00 | PC | NUT W/SPRING 8-32 | IN | | | PPP4 | N | N |
| 39 | A | | | 39005401 | 15.00 | FC | NUT W/SPRING 10-32 | IN | | | PPP4 | N | N |
| 40 | A | | | 39005403 | 8.00 | PC | NUT W/SPRING 1/4-20 | IN | | | PPP4 | N | N |
| 41 | A | | | 39005406 | 60.00 | PC | NUT W/SPRING 1/4-20 | IN | | | PPP4 | N | N |
| 23 | C | | | 53714400 | 1.00 | PC | TERMINAL BLOCK, GROUNDING | IN | | | PPP4 | N | N |
| 17 | C | | | 73954300 | 1.00 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | KTH4 | N | N |
| 5 | D | | | 74481100 | 1.00 | FC | AIR DUCT LOOP MUX CARD CAGE | IN | | | AYH4 | N | N |
| 11 | C | | | 74572200 | 8.00 | PC | BRACKET RAIL MTG CABLE SUPPORT | IN | | | PPE4 | N | N |
| 9 | C | | | 74573900 | 1.00 | PC | PANEL MTG EQUIP ID NAMEPLATE | IN | | | PPE4 | N | N |
| 16 | C | | | 74634400 | 1.00 | PC | BRACKET TERMINAL BLOCK | IN | | | PYE4 | N | N |
| 12 | C | | | 74637800 | 2.00 | FC | ANGLE PANEL MTG 68.25 IN HIGH | IN | | | PPE4 | N | N |
| 49 | C | | | 74637802 | 1.00 | FC | ANGLE PANEL MTG 19.25 IN HIGH | IN | | | PPE4 | N | N |
| 15 | C | | | 74650700 | 5.00 | FC | PLATE MOUNTING CABLE TIE | IN | | | PPE4 | N | N |
| 24 | B | | | 74870919 | 4.00 | PC | PLATE MULTIPLE TIE 5 BUNDLE | IN | | | PPE4 | N | N |
| 25 | B | | | 74870920 | 1.00 | FC | PLATE MULTIPLE TIE 6 BUNDLE | IN | | | PPE4 | N | N |
| 13 | C | | | 74871588 | 6.00 | FC | CHANNEL UNISTRUT | IN | | | PPE4 | N | N |
| 14 | C | | | 74872274 | 3.00 | PC | PLATE GND CABLE MTG | IN | | | PYE4 | N | N |
| 4 | D | | | 74873459 | 1.00 | PC | ENCLOSURE AY AIR INTAKE PROC | IN | | | AYH4 | N | N |
| 3 | D | | | 74873659 | 1.00 | PC | BLCWER AY LCOP MUX | IN | | | AYH4 | N | N |

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ASSEMBLY PARTS LIST

| 74873990 | F | A | D | CABINET BASIC | CA | 2551 | 03/22/78 | 042241 | 05/19/81 | 2 / 2 | MF |
|-----------------|-----|----|----|----------------------|---------------|-------------|--------------|--------------------|-----------------|-------------|----|
| ASSEMBLY NUMBER | REV | CL | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | CHANGE ORD. NUMBER | PROCESSING DATE | PAGE NUMBER | |

| FIND NUMBER | DW | REV | CL | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | NAME/BUY PART TYPE | PH | Q |
|-------------|----|-----|----|-------------|----------|------------|-----------------------------|---------------|--------------------|----------------|--------------------|----|---|
| 2 | D | | | 74873779 | 1.00 | PC | TRIM KIT ASSY SINGLE BAY | IN | | | AYH4 | N | N |
| 1 | D | | | 74874010 | 1.00 | FC | POWER DISTRIBUTION BOX ASSY | OUT | 042241 | 051981 | AYH4 | N | N |
| 10 | C | | | 74874145 | 4.00 | PC | SUPPORT RAIL CABLE | IN | | | PPE4 | N | N |
| 20 | D | | | 74874160 | 1.00 | FC | BUSS PWR 4 LAYER | IN | | | PPE4 | N | N |
| 19 | D | | | 74874161 | 1.00 | PC | BUSS PWR 2 LAYER | IN | | | PPE4 | N | N |
| 18 | E | | | 74874504 | 10.00 | PC | INSULATOR | IN | | | PPE4 | N | N |
| 6 | B | | | 74874521 | 1.00 | PC | CABLE AY AC PWR INPLT | IN | | | AYH4 | N | N |
| 7 | D | | | 74875182 | 1.00 | FC | FRAME ASSEMBLY EXTENDED | IN | | | PYE4 | N | N |
| 8 | D | | | 74875202 | 1.00 | PC | BRACKET PWR SUPPLY MOUNTING | IN | | | PYE4 | N | N |
| 1 | D | | | 74880178 | 1.00 | FC | POWER DISTRIBUTION BOX ASSY | IN | 042241 | 051981 | AYH4 | N | N |
| 22 | A | | | 84721700 | 4.00 | PC | LEVELING PAD | IN | | | PPP4 | N | N |
| 34 | | | | 93212010 | 60.00 | PC | WASHER FLAT 1/4 | IN | | | PPP4 | N | N |
| 45 | | | | 95116300 | 36.00 | IN | ELECTRICAL TAPE | IN | | | PPP4 | N | N |
| 44 | | | | 95866937 | 1.00 | PC | TERMINAL RING 10 | IN | | | PPP3 | N | N |

NUMBER OF LINE ITEMS = 50
HIGHEST FIND NUMBER = 52

ARDEN HILLS MFG INFO

PRINTED IN U.S.A.

| | | | | | | | | |
|------|-------------|--------|------------------------------|---------------|-------------------------------|--------|--------------|--------------|
| DWPN | E. GOMBE | 6-77 | CONTROL DATA | TITLE | SUPPLEMENTAL LIST FOR 6H451-A | PREFIX | DOCUMENT NO. | REV |
| CHWD | M | 9-1-77 | | | | | 74874557 | B |
| ENG | (S) (B) (S) | 8-77 | COMMUNICATIONS PRODUCTS DIV. | FIRST USED ON | 6H451-A | | | |
| MFG | | | Santa Ana, Ca. 92704 | | 36175-009-817 | | | SHEET 1 OF 1 |
| APPR | | | CODE IDENT 34015 | | | | | |

| SHEET REVISION STATUS | | | | REVISION RECORD | | | |
|-----------------------|-------|------------------------------------|------|-----------------|-----|--|--|
| REV | ECO | DESCRIPTION | DRFT | DATE | APP | | |
| 01 | 08965 | INITIAL REL - CL 'B' | EL6 | 9-1-77 | M | | |
| 02 | 08998 | DELETED FIND NO. 4 | EL6 | 9-23-77 | M | | |
| 03 | 08130 | CHG FIND NO.'S 25 & 27 | EL6 | 12-21-77 | M | | |
| A | 08063 | CLASS 'A' RELEASE CBM | TP | 5-8-78 | SP | | |
| B | 08627 | DELETE PROC. MTG. BRKT. & HARDWARE | L.D. | 2-22-78 | ✓ | | |

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.

CA

AA6030

NOTES:
1. SEE INSTALLATION INSTRUCTIONS 74874960 (35694-080-817)

DL 74874557

DETACHED LISTS

FORM 19246-01-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74874557 | | B | CLA | A | RUPP LIST FOR 6H451A/B | DM | 2551 | 03/25/78 | 02/28/79 | 1/1 | | | |
|-----------------|-----|-------|-------------|----------|------------------------|--------------------------------|---------------|-------------------|----------------|-------------|----|----|----|
| ASSEMBLY NUMBER | REV | CLASS | HW | EQ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROBING DATE | DATE NUMBER | | | |
| FIND NUMBER | HW | EQ | PART NUMBER | QUANTITY | UNIT | PART DESCRIPTION | IN/OUT STATUS | CHANGE NO. NUMBER | DATE EFFECTIVE | MAKE/BUY | PR | NC | QA |
| 20 | A | | 10125106 | 200 | PC | HEXAGON MACHINE SCREW NUTS | IN | 008627 | 022679 | PPP4 | N | N | |
| 26 | A | | 10125603 | 400 | PC | PLAIN WASHERS | IN | | | PPP4 | N | N | |
| 18 | A | | 10125606 | 200 | PC | PLAIN WASHERS | IN | 008627 | 022679 | PPP1 | N | N | |
| 34 | A | | 10125607 | 800 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | N | N | |
| 28 | A | | 10125801 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP4 | N | N | |
| 19 | A | | 10125804 | 200 | PC | SPRING LOCK WASHERS (MED.) | IN | 008627 | 022679 | PPP1 | N | N | |
| 29 | A | | 10125805 | 1300 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N | |
| 22 | A | | 10127102 | 200 | PC | SCR MACH PAN PHL 4-40 | IN | | | PPP4 | N | N | |
| 23 | A | | 10127105 | 200 | PC | SCR MACH PAN PHL 4-40 | IN | | | PPP1 | N | N | |
| 17 | A | | 10127122 | 200 | PC | SCR MACH PAN PHL 8-32 | IN | 008627 | 022679 | PPP1 | N | N | |
| 33 | A | | 10127143 | 800 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP4 | N | N | |
| 32 | A | | 51722000 | 100 | PC | ADHESIVE SILVER EPOXY 2.5GRAMS | OUT | 008627 | 022679 | | N | N | |
| 11 | C | | 74520500 | 100 | PC | BRACKET MTO PROCESSOR R H | OUT | 008627 | 022679 | | N | N | |
| 12 | C | | 74520501 | 100 | PC | BRACKET MTO PROCESSOR L H | OUT | 008627 | 022679 | | N | N | |
| 1 | A | | 74628100 | 100 | PC | CABLE TAPE CASSETTE TRANSPORT | IN | | | | N | N | |
| 16 | C | | 74652600 | 100 | PC | PANEL BLANK 19 WIDF 17 5 LONG | IN | | | | N | N | |
| 9 | C | | 74701600 | 100 | PC | BRACKET PANEL MOUNTNG R H | IN | | | | N | N | |
| 10 | C | | 74701700 | 100 | PC | BRACKET PANEL MOUNTNG L H | IN | | | | N | N | |
| 27 | A | | 74870988 | 500 | PC | WASHER FLAT NO 10 BR NI PL | IN | | | | N | N | |
| 30 | A | | 74871080 | 500 | PC | NUT HEX BR NI PL 10 32 5 16 | IN | | | PPP4 | N | N | |
| 25 | A | | 74871478 | 500 | PC | SCREW MACH 10 32 X 7 16 BR N | IN | | | | N | N | |
| 2 | D | | 74873778 | 100 | PC | PANEL BLOWER ASSY MP 17 | IN | | | | N | N | |
| 5 | D | | 74874009 | 100 | PC | CHASSIS ASSY TAPE CASSETTE | IN | | | | N | N | |
| 6 | B | | 74874014 | 100 | PC | WIRE JUMPER BUS TO MP17 GND | IN | | | | N | N | |
| 13 | B | | 74874139 | 200 | PC | BUS PLUS 5 V AND GND ANGLE | IN | | | | N | N | |
| 14 | B | | 74874142 | 200 | PC | BUS PLUS MINUS 12 V ANGLE | IN | | | | N | N | |
| 3 | D | | 74874182 | 100 | PC | COVER MAINT PNL MOS | IN | | | | N | N | |
| 7 | B | | 74874459 | 100 | PC | WIRE JUMPER 5V MP17 | IN | | | | N | N | |
| 15 | B | | 74874461 | 200 | PC | BUS JUMPER 5V AND 12V | IN | | | | N | N | |
| 21 | | | 92911005 | 400 | PC | SCREW 4 40 1/4 PHIL FLT HD | IN | | | | N | N | |
| 31 | | | 93047004 | 700 | PC | JUMPER TERM BLOCK | IN | | | | N | N | |
| 24 | A | | 96744973 | 600 | PC | SCREW-THD ROLL 8-32 3/8 LG | IN | | | | N | N | |

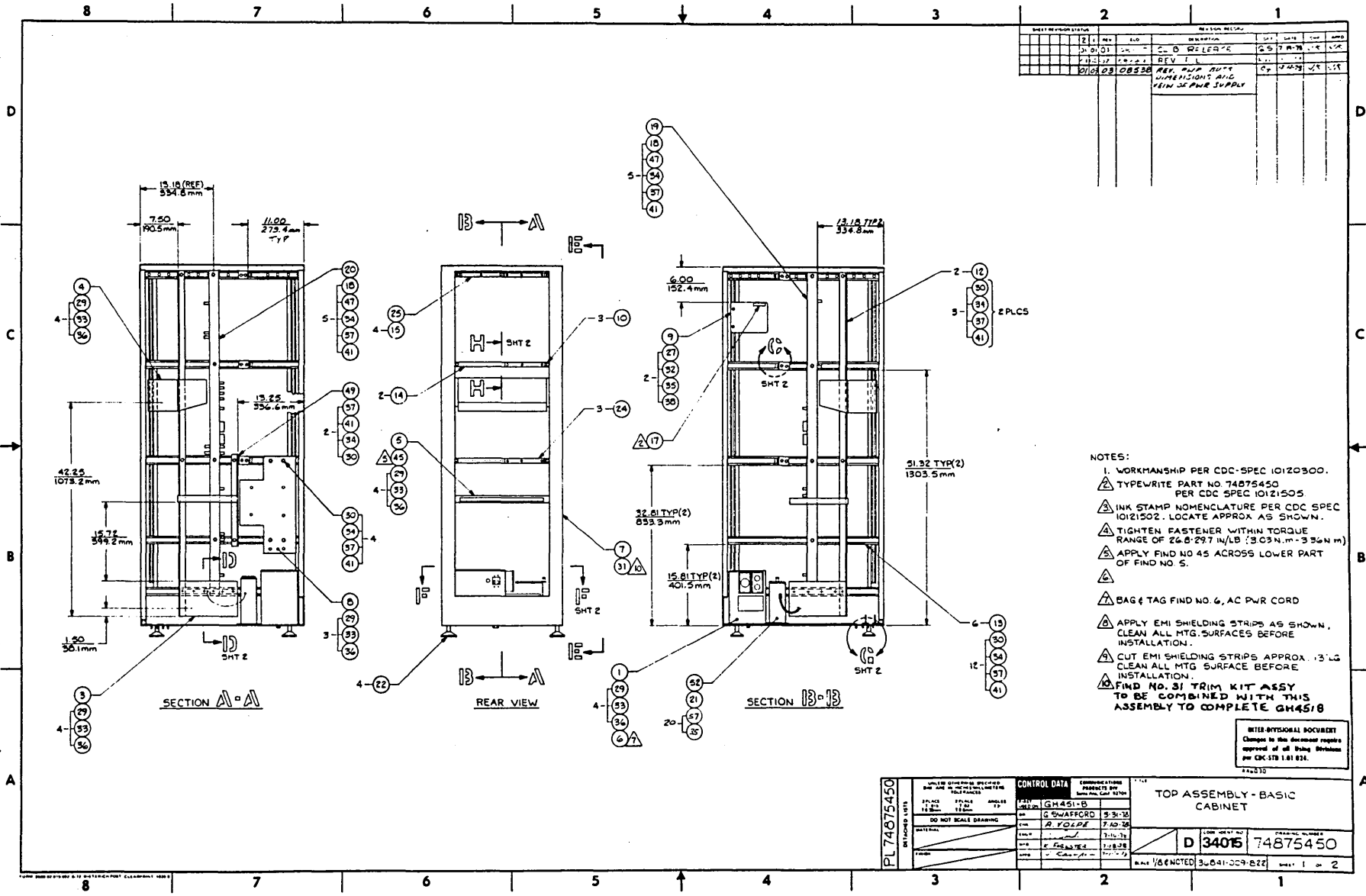
NUMBER OF LINE ITEMS = 32
HIGHEST FIND NUMBER = 34

AA 2780 REV. 7-78

PROJECT ENGINEER

SANTA ANA

Printed in U.S.A.

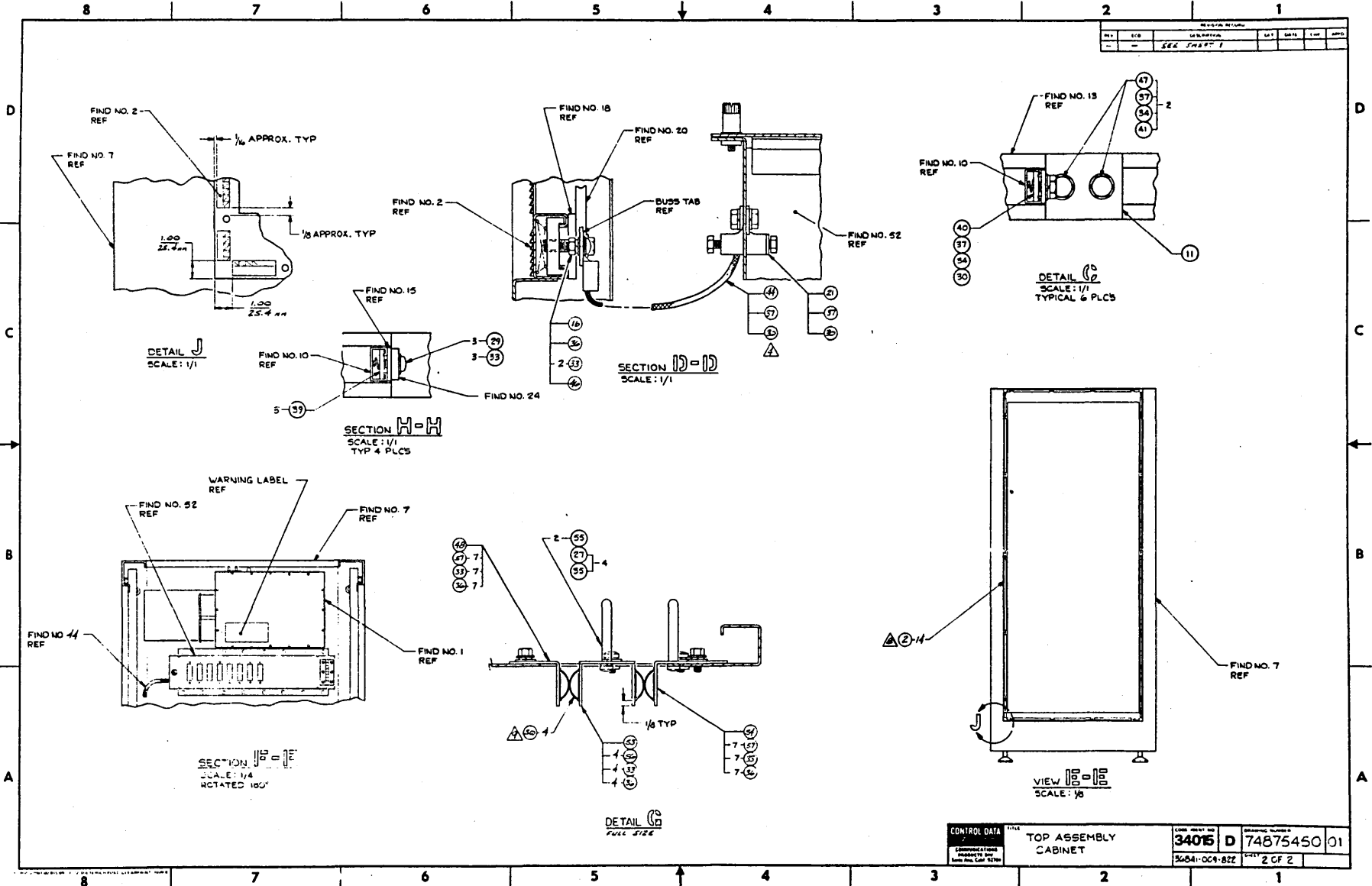


| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|-------|-----|------|----------------------------------------------|
| 2 | 01/03 | ... | ... | C. D. RELEAF |
| 1 | ... | ... | ... | REV. I |
| 0 | 01/03 | ... | ... | REV. PWP 10/15 SUPPLEMENTARY DIM. PER SUPPLY |

- NOTES:
- WORKMANSHIP PER CDC-SPEC 10120300. TYPEWRITE PART NO 74875450 PER CDC SPEC 10121505
 - INK STAMP NOMENCLATURE PER CDC SPEC 10121502. LOCATE APPROX AS SHOWN.
 - TIGHTEN FASTENER WITHIN TORQUE RANGE OF 26.8-29.7 IN/LB (3.03N.M - 3.96N.M)
 - APPLY FIND NO 45 ACROSS LOWER PART OF FIND NO 5.
 - BAG & TAG FIND NO. 6, AC PWR CORD
 - APPLY EMI SHIELDING STRIPS AS SHOWN. CLEAN ALL MTG SURFACES BEFORE INSTALLATION.
 - CUT EMI SHIELDING STRIPS APPROX .13" LG CLEAN ALL MTG SURFACE BEFORE INSTALLATION.
 - FIND NO. 31 TRIM KIT ASSY TO BE COMBINED WITH THIS ASSEMBLY TO COMPLETE GH4518

INTER-OFFICIAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDR 17B 1.61 014.

| | | | | |
|----------------------|--------------------------------------------------------------------|-------------------|---------------|------------------------------|
| PL 74875450 | UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES (PARENETS) | CONTROL DATA | CONNECTIONS | TOP ASSEMBLY - BASIC CABINET |
| | DATE: 11/82 | REV: GH451-B | REV: 5-31-78 | |
| | BY: R. VOPE | BY: G. WAFFORD | BY: R. VOPE | |
| | DATE: 7-10-78 | DATE: 7-10-78 | DATE: 7-10-78 | |
| DO NOT SCALE DRAWING | | SCALE: 1" = 1'-0" | | D 3405 74875450 |
| DATE: 7-10-78 | | DATE: 7-10-78 | | |
| DATE: 7-10-78 | | DATE: 7-10-78 | | DATE: 1/8/82 |



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74875450 | 03 | CLB | D | CABINET ASSY BASIC | DM | 2551 | 07/19/78 | 12/13/78 | 1 / 2 |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW BS | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FINO NUMBER | DW BS | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | # ON H |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|--------|
| 46 | A | 10125108 | 200 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 32 | A | 10125606 | 200 | PC | PLAIN WASHERS | IN | | | | | N |
| 33 | A | 10125607 | 5300 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | N |
| 35 | A | 10125804 | 200 | PC | SPRING LOCK WASHERS (MED.) | IN | | | | | N |
| 36 | A | 10125805 | 3800 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 37 | A | 10125806 | 5400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | | | N |
| 30 | A | 10126500 | 4400 | PC | PLAIN HEX HD CAP SCR 1/4-20 | IN | | | | | N |
| 47 | A | 10126502 | 1000 | PC | PLAIN HEX HD CAP SCR 1/4-20 | IN | | | | | N |
| 27 | A | 10127123 | 600 | PC | SCR MACH PAN PHL 8-32 | IN | | | | | N |
| 28 | A | 10127125 | 200 | PC | SCR MACH PAN PHL 8-32 | IN | | | | | N |
| 56 | A | 10127142 | 400 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP1 | | N |
| 29 | A | 10127143 | 3500 | PC | SCR MACH PAN PHL 10-32 | IN | | | | | N |
| 16 | A | 10127300 | 100 | PC | SCR,MACH,PAN HD 10-32X.500 LG | IN | | | | | N |
| 21 | C | 13487201 | 100 | PC | TERMINAL,PRESSURE SCREW | IN | | | | | N |
| 57 | C | 18862629 | 1400 | PC | SCR,THD ROLLING-HEX,WASH HD | IN | | | | | N |
| 38 | A | 39005400 | 200 | PC | NUT W/SPRING 8-32 | IN | | | | | N |
| 39 | A | 39005401 | 1200 | PC | NUT W/SPRING 10-32 | IN | | | | | N |
| 40 | A | 39005403 | 600 | PC | NUT W/SPRING 1/4-20 | IN | | | | | N |
| 41 | A | 39005406 | 400 | PC | NUT W/SPRING 1/4-20 | IN | | | | | N |
| 5 | D | 74481100 | 100 | PC | AIR DUCT LOOP MUX CARD CAGE | IN | | | | | N |
| 11 | C | 74572200 | 600 | PC | BRACKET RAIL MTG CABLE SUPPORT | IN | | | | | N |
| 9 | C | 74573900 | 100 | PC | PANEL MTG EQUIP ID NAMEPLATE | IN | | | | | N |
| 12 | C | 74637800 | 200 | PC | ANGLE PANEL MTG 6R.25 IN HIGH | IN | | | | | N |
| 49 | C | 74637802 | 100 | PC | ANGLE PANEL MTG 19.25 IN HIGH | IN | | | | | N |
| 15 | C | 74650700 | 400 | PC | PLATE MOUNTING CARRIER TIE | IN | | | | | N |
| 24 | B | 74870919 | 300 | PC | PLATE MULTIPLE TIE 5 BUNDLE | IN | | | | | N |
| 25 | R | 74870920 | 100 | PC | PLATE MULTIPLE TIE 6 BUNDLE | IN | | | | | N |
| 13 | C | 74871508 | 600 | PC | CHANNEL UNISTRUT | IN | | | | | N |
| 14 | C | 74872274 | 200 | PC | PLATE GND CABLE MTG | IN | | | | | N |
| 10 | C | 74874145 | 300 | PC | SUPPORT RAIL CABLE | IN | | | | | N |
| 20 | D | 74874140 | 100 | PC | BUS PWR 4 LAYER | IN | | | | | N |
| 19 | D | 74874141 | 100 | PC | BUS PWR 2 LAYER | IN | | | | | N |
| 18 | B | 74874504 | 1000 | PC | INSULATOR | IN | | | | | N |
| 6 | R | 74874521 | 100 | PC | CABLE AY AC PWR INPUT | IN | | | | | N |
| 8 | D | 74875202 | 100 | PC | BRACKET PWR SUPPLY MOUNTING | IN | | | | | N |
| 31 | D | 74875401 | 100 | PC | TRIM KIT ASSY | IN | 00A389 | 072578 | | | N |

PROJECT ENGINEER SANTA ANA

AA 2708 REV. 7-78

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74875450 | 03 | CLB | D | CABINET ASSY BASIC | DM | 2551 | 07/19/78 | 12/13/78 | 2 / 2 |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW BS | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

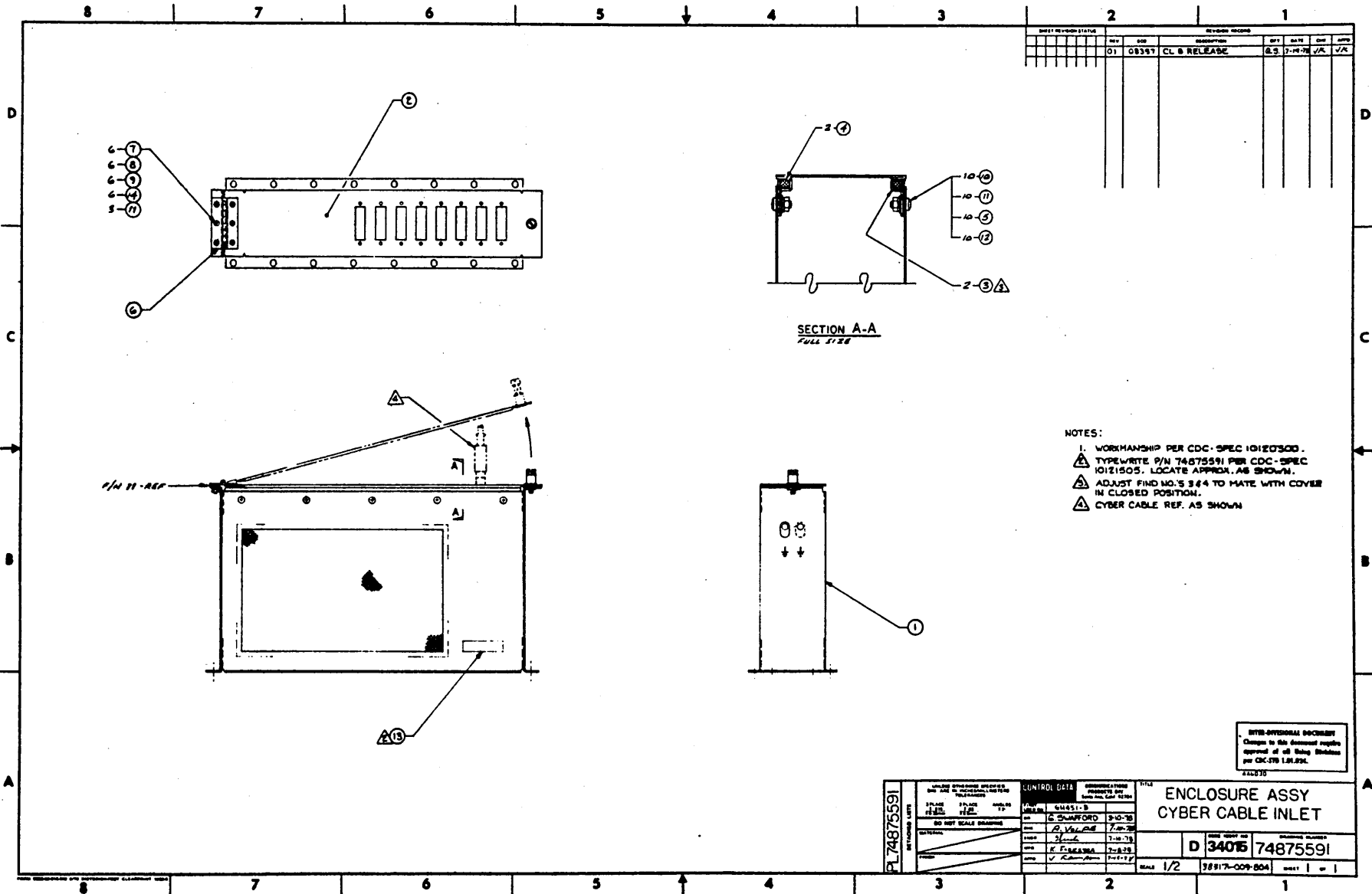
MF

| FINO NUMBER | DW BS | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | # ON H |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|--------|
| 48 | D | 74875403 | 100 | PC | BRACKET ANGLE | IN | | | | | N |
| 53 | D | 74875405 | 100 | PC | CLAMP SLIDE | IN | | | | | N |
| 54 | D | 74875407 | 100 | PC | CLAMP SLIDE | IN | | | | | N |
| 52 | D | 74875501 | 100 | PC | ENCLOSURE ASSY CYFR CABLE IN | IN | | | | | N |
| 1 | D | 74875508 | 100 | PC | POWER DISTRIBUTION BOX | IN | 00A389 | 072578 | | | N |
| 23 | D | 74875910 | 100 | PC | CABINET FRAME SUB-ASSEMBLY | IN | 00A389 | 072578 | | | N |
| 44 | C | 74876002 | 100 | PC | STRAP GROUND 12.00 IN LG | IN | | | | | N |
| 2 | B | 74876016 | 1400 | PC | SHIELDING STRIP TWIST SERIES | IN | | | | | N |
| 50 | C | 74876018 | 400 | PC | SHIELDING STRIP FINGER CONTACT | IN | | | | | N |
| 3 | D | 74876076 | 100 | PC | BLOWER ASSY LOOP MIX | IN | | | | | N |
| 4 | D | 74876077 | 100 | PC | ENCLOSURE AIR INTAKE PROCESSOR | IN | | | | | N |
| 22 | A | 84721700 | 400 | PC | LEVELING PAD | IN | | | | | N |
| 34 | | 93212010 | 5200 | PC | WASHER FLAT 1/4 | IN | | | | | N |
| 45 | | 95116300 | 3600 | IN | ELECTRICAL TAPE | IN | | | | | N |

NUMBER OF LINE ITEMS = 50
HIGHEST FINO NUMBER = 57

PROJECT ENGINEER SANTA ANA

AA 2708 REV. 7-78



| REV. SYMBOL STATUS | | REVISION RECORD | | | | |
|--------------------|-------|-----------------|----|-------------|-----|-----|
| REV | NO | DESCRIPTION | BY | DATE | CHK | APP |
| 01 | 08357 | CL. & RELEASE | | 6.3 7-10-78 | JA | V/R |

- NOTES:
- 1. WORKMANSHIP PER CDC-SPEC 10120300.
 - △ TYPEWRITE P/N 74875591 PER CDC-SPEC 10121505. LOCATE APPROX. AS SHOWN.
 - △ ADJUST FINGER NO. 3 & 4 TO MATE WITH COVER IN CLOSED POSITION.
 - △ CYBER CABLE REF. AS SHOWN

INTRO-DIVISIONAL DOCUMENT
Changes to this document require approval of all being modified per CDC-SYS LBR.29K.

| | | | | | |
|-------------------------------------|---------|---------------|----------------|----------------|---------|
| ENCLOSURE ASSY CYBER CABLE INLET | DATE | 3-10-78 | BY | C. SHAWFORD | |
| | DATE | 7-10-78 | BY | A. [Signature] | |
| DATE | 7-10-78 | BY | E. [Signature] | DATE | 7-10-78 |
| DATE | 7-10-78 | BY | V. [Signature] | DATE | 7-10-78 |
| SCALE 1/2 | | 38817-009-80A | | REV. 1 of 1 | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 7487591 | 01 | CLB | D | ENCLOSURE ASSY CYBER CABLE IN | DM | 2551 | 07/19/78 | 07/19/78 | 1 / 1 |
|-----------------|-----|-------|----|-------------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FINO NUMBER | DW | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | SP. NC | DR. N. |
|-------------|----|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|--------|--------|
| 9 | A | 10125105 | 600 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 12 | A | 10125106 | 1000 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 14 | A | 10125605 | 600 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 11 | A | 10125606 | 1300 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 7 | A | 10125714 | 600 | PC | 82 DEG PH MACH SCR PHL 6-32 | IN | | | PPP1 | | N |
| 8 | A | 10125803 | 600 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 5 | A | 10125804 | 1000 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 10 | A | 10127122 | 1000 | PC | SCR MACH PAN PHL 8-32 | IN | | | PPP1 | | N |
| 13 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PYP4 | | N |
| 2 | D | 74875452 | 100 | PC | PANEL ASSEMBLY CYBER CONNECTOR | IN | | | | | N |
| 1 | D | 74875592 | 100 | PC | ENCLOSURE CYBER CABLE INLET. | IN | | | | | N |
| 3 | D | 74875778 | 200 | PC | STRIP SHIELD MTG 14.69 LG | IN | | | | | N |
| 4 | C | 74875968 | 200 | PC | SHIELDING | IN | | | | | N |
| 6 | B | 74876017 | 100 | PC | HINGE | IN | | | | | N |

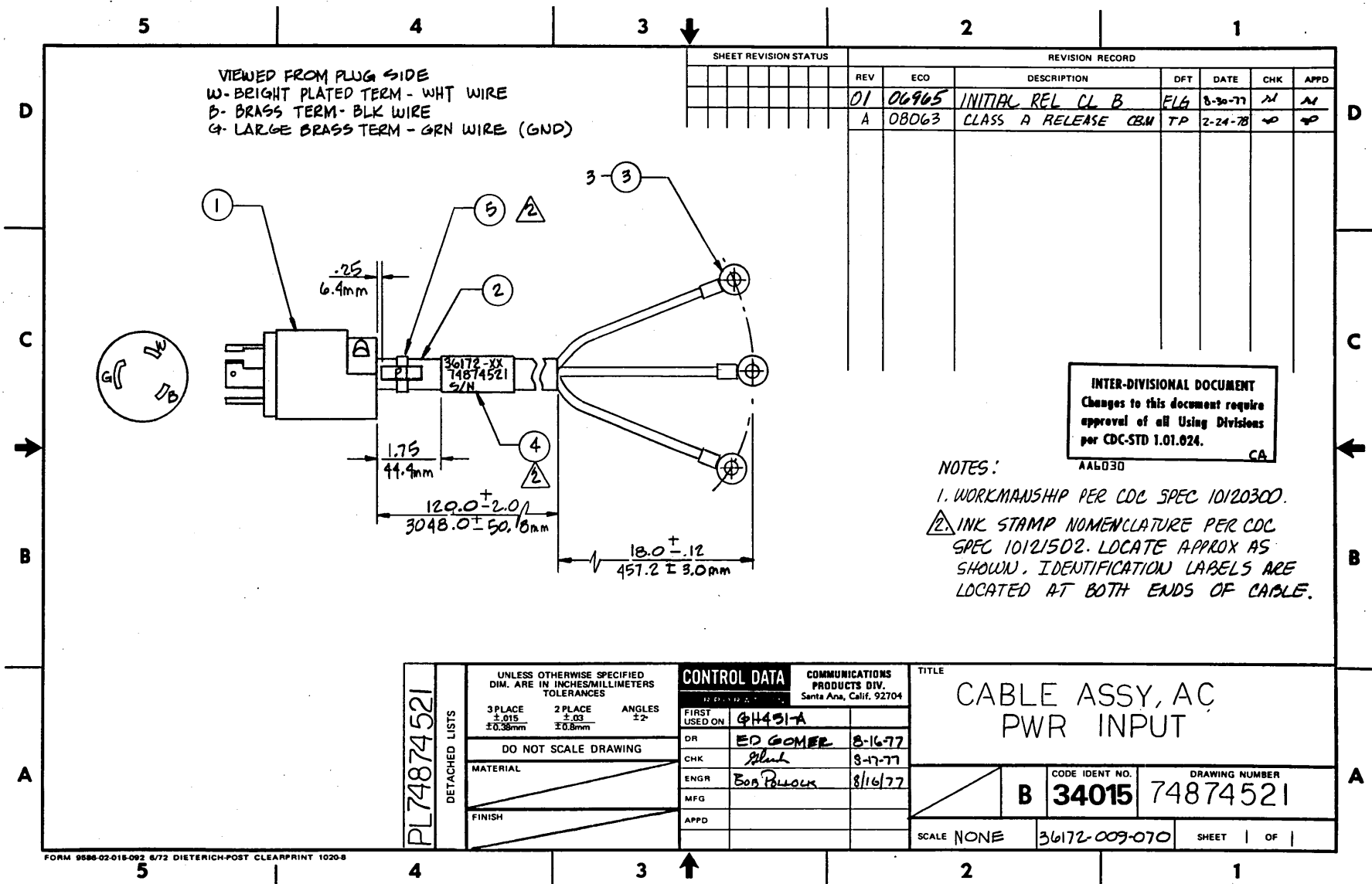
NUMBER OF LINE ITEMS = 14
HIGHEST FINO NUMBER = 14

PROJECT ENGINEER ARDEN HILLS

AA 2700 REV. 7-78

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.

AA6030



VIEWS FROM PLUG SIDE
 W- BRIGHT PLATED TERM - WHT WIRE
 B- BRASS TERM - BLK WIRE
 G- LARGE BRASS TERM - GRN WIRE (GND)

| SHEET REVISION STATUS | | | | REVISION RECORD | | | | | |
|-----------------------|-------|---------------------|-----|-----------------|-----|------|--|--|--|
| REV | ECO | DESCRIPTION | DFT | DATE | CHK | APPD | | | |
| 01 | 06905 | INITIAL REL CL B | FLA | 8-30-77 | M | M | | | |
| A | 08063 | CLASS A RELEASE CBM | TP | 2-24-78 | W | W | | | |

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.
 CA

NOTES:
 1. WORKMANSHIP PER CDC SPEC 10120300.
 2. INK STAMP NOMENCLATURE PER CDC SPEC 10121502. LOCATE APPROX AS SHOWN. IDENTIFICATION LABELS ARE LOCATED AT BOTH ENDS OF CABLE.

| | | | | | | |
|------------|----------------------------------------------------------------------|---------------------------|---------------|--------------------------------|------------------------------------------------------|-------------------------|
| PL74874521 | UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES/MILLIMETERS TOLERANCES | | CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | |
| | 3 PLACE ±.015 ±0.38mm | 2 PLACE ±.03 ±0.8mm | ANGLES 22° | FIRST USED ON 4431-A | DR ED GOMER 8-16-77 | CHK Blank 8-17-77 |
| | DO NOT SCALE DRAWING | | | ENGR Bon Pollock 8/16/77 | MFG | APPD |
| | MATERIAL | | | FINISH | | |

| | | | |
|-----------------------------------|--|----------------------------|--|
| TITLE CABLE ASSY, AC PWR INPUT | | | |
| CODE IDENT NO. B 34015 | | DRAWING NUMBER 74874521 | |
| SCALE NONE | | 36172-009-070 SHEET OF | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|-----------------------|---------------|-------------|--------------|-----------------|-------------|
| 74874521 | A | CLA | B | CABLE Ay AC PWR INPUT | DM | 2551 | 02/27/78 | 02/27/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW #2 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

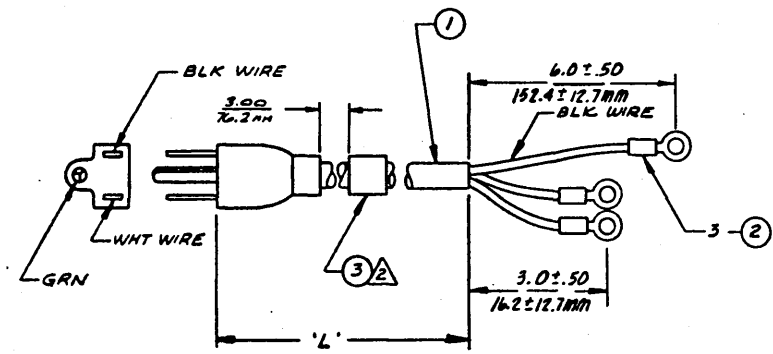
| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH OR N |
|------------------------|----|-------------|----------|------|-------------------------------|---------------|--------------------|----------------|--------------------|---------|
| 2 | C | 24500533 | 14400 | IN | CABLE PWR ELECT 12 GA 3 COND | IN | | | PPP4 | N |
| 4 | | 51904701 | 100 | PC | CABLE LABEL | IN | | | | N |
| 5 | C | 94277407 | 100 | PC | STRAP CABLE TIE | IN | | | PPP1 | N |
| 3 | | 95867026 | 300 | PC | RING TERM 10-12AWG NO 8 OR 10 | IN | | | | N |
| 1 | | 97397101 | 100 | PC | TWIST LOCK PLUG | IN | | | | N |
| NUMBER OF LINE ITEMS = | | | | | | 5 | | | | |
| HIGHEST FIND NUMBER = | | | | | | 5 | | | | |

PROJECT ENGINEER

ARDEN HILLS

AA 2709 REV. 7-78

| SHEET REVISION STATUS | | | | REVISION RECORD | | | |
|-----------------------|------|------------------------|----|-----------------|-----|------|--|
| REV | ECO | DESCRIPTION | DT | DATE | CHK | APPD | |
| 01 | | CLB RELEASE | AV | 7-17-78 | JK | JK | |
| 02 | 3498 | REVISED PER FIND NO. 1 | -L | '78 | JK | JK | |



- NOTES:
- WORKMANSHIP PER CDC SPEC 10120300.
 - MARK FIND NO. 3 PER CDC SPEC. 10121508 WITH P/N 74876074 OR 74876075, AS REQ'D.

| CDC P/N | R/N P/N | 'L' DIMENSION |
|----------|---------------|------------------------------|
| 74876074 | 38226-009-070 | 18.0 ± .50 / 457.2 ± 12.7mm |
| 74876075 | 38227-009-070 | 60.0 ± .50 / 1524.0 ± 12.7mm |

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.

| | | | | | | | | |
|----------------------------|----------------------------------------------------------------------|----------------------|---------------|-----------|---------------|-------------|-----------------------------------------------------|-----------------|
| PL 74876075 PL 74876074 | UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES/MILLIMETERS TOLERANCES | 3 PLACE ± .015 | 2 PLACE ± .03 | ANGLES 1° | CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif 92704 | TITLE |
| | | DO NOT SCALE DRAWING | MATERIAL | FINISH | FIRST USED ON | DATE | | CABLE, POWER AC |
| | | | | | GH451-B | 7-5-78 | | |
| | | | | | P. VOLPE | 7-5-78 | | |
| | | | | | ENGR | 7-1-78 | | |
| | | | | | MFG | K. FORESTER | 7-8-78 | |
| | | | | | APPD | V. RAMAN | 7-7-78 | |
| | | | | | SCALE | NONE | 38226-009-070 | SHEET 1 of 1 |



ASSEMBLY PARTS LIST

SPARE CODE
 S = SPARE PARTS
 N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| 74876074 | 02 | CLB | C | CABLE POWER AC | DM | 2551 | 07/19/78 | 10/31/78 | 1/1 |
| ASSEMBLY NUMBER | REV | CLASS | DW #2 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER #2 | DW #2 | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH #2 | OR #2 |
|----------------|-------|-------------|----------|------------|-------------------------------|---------------|--------------------|----------------|--------------------|-------|-------|
| 1 | C | 17535405 | 100 | PC | CABLE, POWER ASSY-60 HZ | IN | 008498 | 10/31/78 | PPP4 | | N |
| 2 | C | 24524808 | 300 | PC | TERMINAL, LUG CRIMP-INSULATED | IN | | | PPP1 | | N |
| 3 | B | 73995400 | 100 | PC | NMPLT KIT BLNK SMALL CABLES | IN | | | PPP4 | | N |

NUMBER OF LINE ITEMS = 3
 HIGHEST FIND. NUMBER = 3

PROJECT ENGINEER ARDEN HILLS

AA 2708 REV. 7-78



ASSEMBLY PARTS LIST

SPARE CODE
 S = SPARE PARTS
 N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| 74876075 | 02 | CLB | C | CABLE POWER AC | DM | 2551 | 07/19/78 | 11/01/78 | 1/1 |
| ASSEMBLY NUMBER | REV | CLASS | DW #2 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

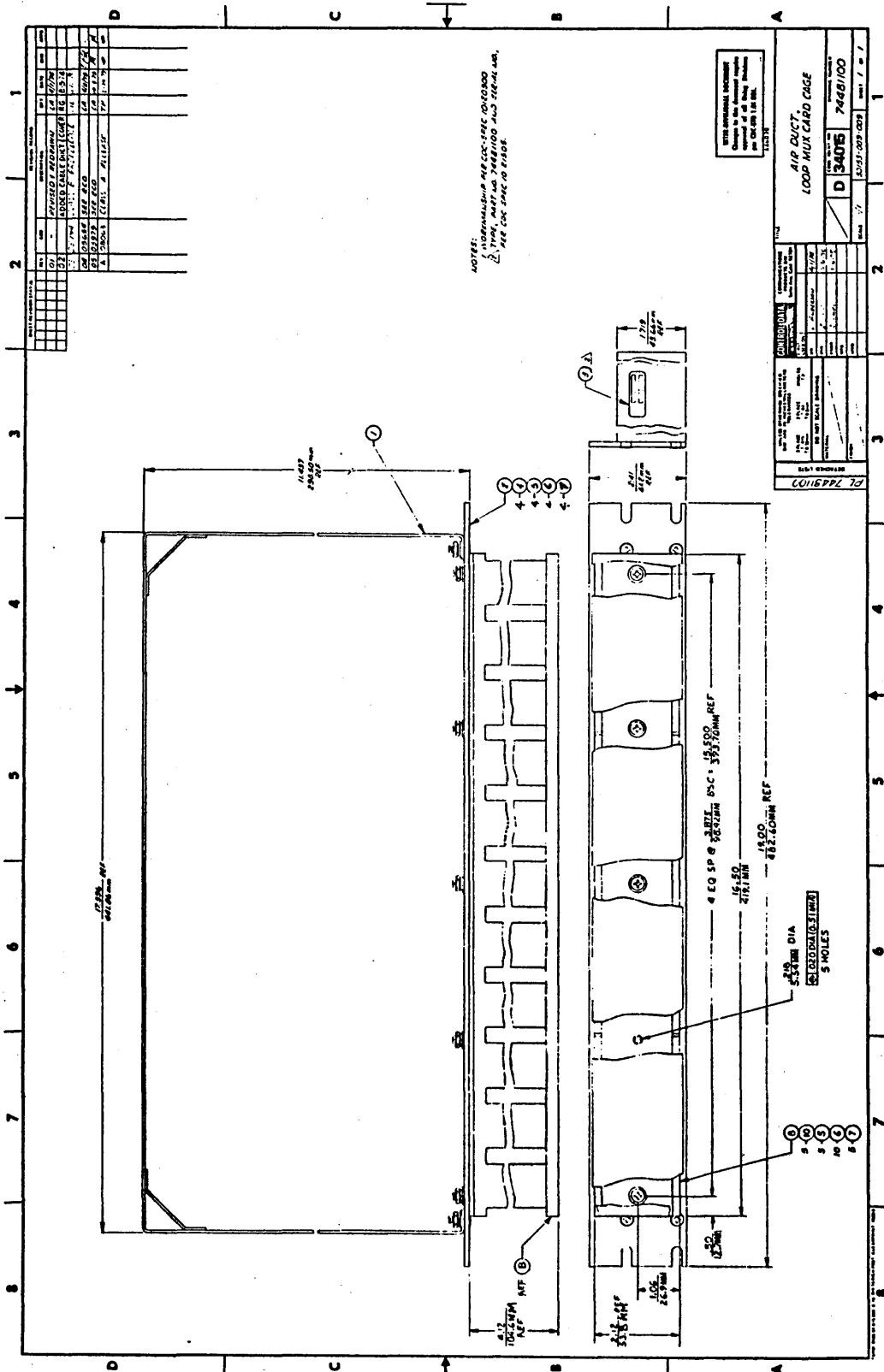
MF

| FIND NUMBER #2 | DW #2 | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH #2 | OR #2 |
|----------------|-------|-------------|----------|------------|-------------------------------|---------------|--------------------|----------------|--------------------|-------|-------|
| 1 | C | 17535405 | 100 | PC | CABLE, POWER ASSY-60 HZ | IN | 008498 | 10/31/78 | PPP4 | | N |
| 2 | C | 24524808 | 300 | PC | TERMINAL, LUG CRIMP-INSULATED | IN | | | PPP1 | | N |
| 3 | B | 73995400 | 100 | PC | NMPLT KIT BLNK SMALL CABLES | IN | | | PPP4 | | N |

NUMBER OF LINE ITEMS = 3
 HIGHEST FIND. NUMBER = 3

PROJECT ENGINEER ARDEN HILLS

AA 2708 REV. 7-78



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|-----------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74481100 | A | CLA | D | AIR DUCT LOOP MUX CARD CAGE | DM | 2551 | 02/27/78 | 02/27/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW 92 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER | DW 92 | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY CODE | PH | NC | OR |
|------------------------------------------------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|---------------|----|----|----|
| 8 | | 00860235 | 1400 | IN | DUCT/COVER | IN | | | | | | N |
| 7 | A | 10125106 | 900 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | | N |
| 6 | A | 10125606 | 1400 | PC | PLAIN WASHERS | IN | | | PPP1 | | | N |
| 4 | A | 10125725 | 400 | PC | 82 DEG PH MACH SCH PHL 8-32 | IN | | | PPP1 | | | N |
| 5 | A | 10125804 | 900 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | | N |
| 10 | A | 10127123 | 500 | PC | SCR MACH PAN PHL 8-32 | IN | | | PPP1 | | | N |
| 3 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PYP4 | | | N |
| 1 | D | 74481200 | 100 | PC | FRM AIR DUCT LOOP MUX CARD | IN | | | | | | N |
| 2 | D | 74481300 | 100 | PC | PANEL AIR DUCT LOOP MUX CAGE | IN | | | | | | N |
| NUMBER OF LINE ITEMS = 9 HIGHEST FIND NUMBER = 10 | | | | | | | | | | | | |

PROJECT ENGINEER

ARDEN HILLS

| | | | | | | | | | |
|------|----------|--------|------------------------------|--------------------------------|---------------|--------------|----------|-----|--------------|
| DWN | M. T. 11 | 5-7-75 | CONTROL DATA | TITLE | 31491-009-070 | DOCUMENT NO. | 74628100 | REV | H |
| CHKD | B. L. 11 | 10-75 | COMMUNICATIONS PRODUCTS DIV. | CABLE, TAPE CASSETTE TRANSPORT | | | | | |
| ENG | Raymond | 5-9-75 | Santa Ana, Ca. 92704 | | | | | | |
| MFG | | | CODE IDENT | FIRST USED ON | 31491-009-070 | | | | |
| APP | | | 34015 | OY139-A | | | | | SHEET 1 OF 2 |

| SHEET REVISION STATUS | | | | REVISION RECORD | | | | | |
|-----------------------|-----|---------------------------------|------|-----------------|-----|--|--|--|--|
| REV | ECO | DESCRIPTION | DRFT | DATE | APP | | | | |
| 01 | 01 | 1 ST REL OF ASSY DWG | 22A | 5-9-75 | DR | | | | |
| 02 | 02 | PL CHANGE | LA | 7-8-75 | | | | | |
| 03 | 03 | ADDED PD; 81.0 WAS 78.0 | LA | 8-12-75 | | | | | |
| 04 | 04 | ADDED J1 | LA | 8-20-75 | | | | | |
| 05 | 05 | 05985 INITIAL RELEASE | LA | 10-6-75 | DL | | | | |
| G | G | 06340 SEE ECO | LA | 4-22-76 | M | | | | |
| G | H | 08063 CLASS A RELEASE CRM | TP | 3-15-78 | P | | | | |

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.

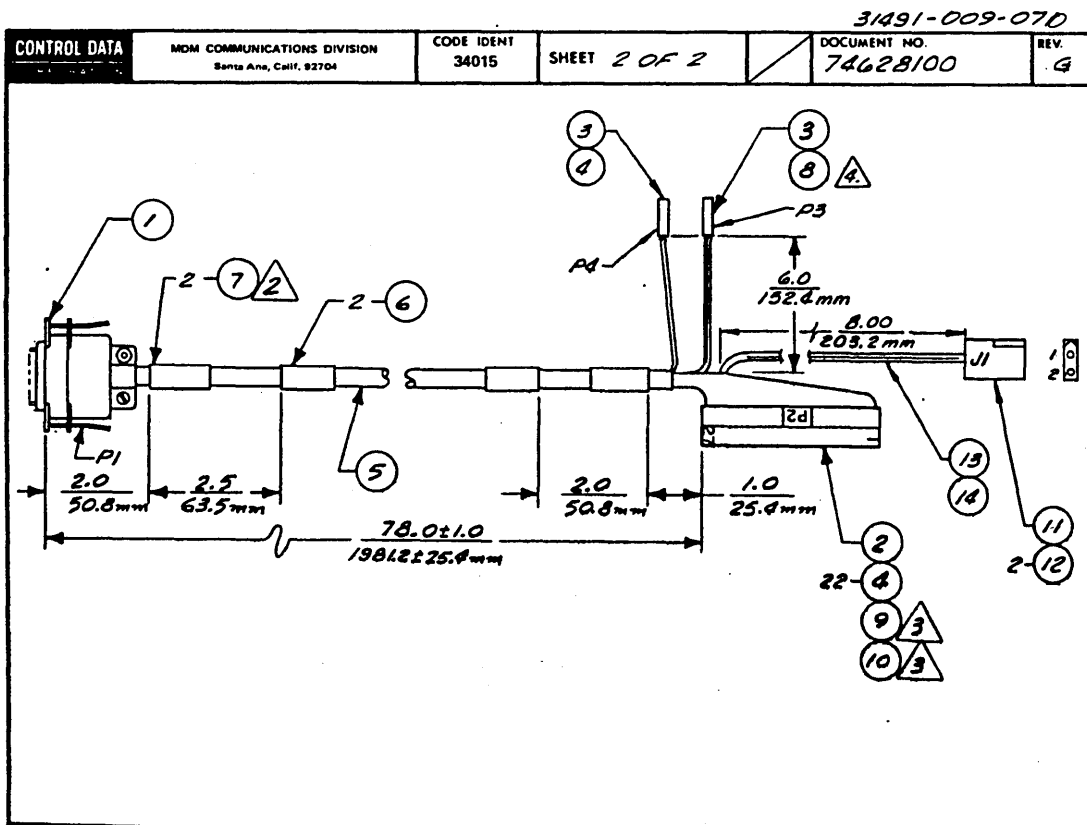
AA6030

NOTES:

| |
|------------------|
| DN 74628100 |
| NL 74788900 |
| PL 74628100 |
| ASSOCIATED LISTS |
| DETACHED LISTS |

FORM 19248-01-018-002 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.



FORM 19248-00-018-002 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

| | | | | | | | | |
|-----|------------|---------|---------------------------------------------------------|---------------|-----------------------------------|--------|--------------|------|
| DWN | MSS/E/11 | 5-78 | CONTROL DATA | TITLE | CABLE, TAPE CASSETTE TRANSPORT | PREFIX | DOCUMENT NO. | REV |
| CHD | B. Duh | 10-4-75 | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Ca. 92704 | FIRST USED ON | 31491-009-070 | DN | 74628100 | H |
| ENG | R. Kapriel | 5-9-5 | CODE IDENT | DY139-A | | | SHEET | 10FZ |
| MFG | | | 34015 | | | | | |
| APP | | | | | | | | |

| SHEET REVISION STATUS | | | | REVISION RECORD | | | | | |
|-----------------------|-----|---------------------------|------|-----------------|-----|--|--|--|--|
| REV | ECO | DESCRIPTION | DRFT | DATE | APP | | | | |
| 01 | 01 | FIRST REL. OF NOTES | DDM | 5-8-75 | RDR | | | | |
| 02 | 02 | REV PL | LA | 7/15/75 | | | | | |
| 03 | 03 | DWG & PL CHANGE | LA | 8-12-75 | | | | | |
| 04 | 04 | DWG & PL CHANGE | LA | 8-20-75 | | | | | |
| 05 | 05 | 05985 INITIAL RELEASE | LA | 10-6-75 | DL | | | | |
| G | G | 06380 SEE ECO | LA | 4-22-76 | M | | | | |
| G | H | 08063 CLASS A RELEASE CBM | TP | 3-15-78 | P | | | | |

NOTES:

DETACHED LISTS

FORM 19246-01-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

| | | | | | | |
|--------------|--------------------------------------------------------|---------------------|--------------|----|--------------------------|-----------|
| CONTROL DATA | MDM COMMUNICATIONS DIVISION Santa Ana, Calif. 92704 | CODE IDENT 34015 | SHEET 2 OF 2 | DN | DOCUMENT NO. 74628100 | REV. G |
|--------------|--------------------------------------------------------|---------------------|--------------|----|--------------------------|-----------|

31491-009-070

NOTES:

1. WORKMANSHIP PER CDC-SPEC 10120300
2. FIND NUMBER ⑦ TO BE MARKED PER 10121508 WITH PART NUMBER 74628100, CONNECTOR NUMBER P1 OR P2 AND SERIAL NUMBER.
3. TRIM LABELS TO DESIRED LENGTH TO MATCH DRAWING.
4. TERMINAL (FD NO. 8) FOR TERMINATING TWO (2) 22 AWG WIRES.

FORM 19246-00-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-----|-------------------------------|---------------|-------------|--------------|-----------------|-------------|
| 7462R100 | A | CLA | A | CABLE TAPE CASSETTE TRANSPORT | DM | 2551 | 03/25/78 | 03/25/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | REV | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

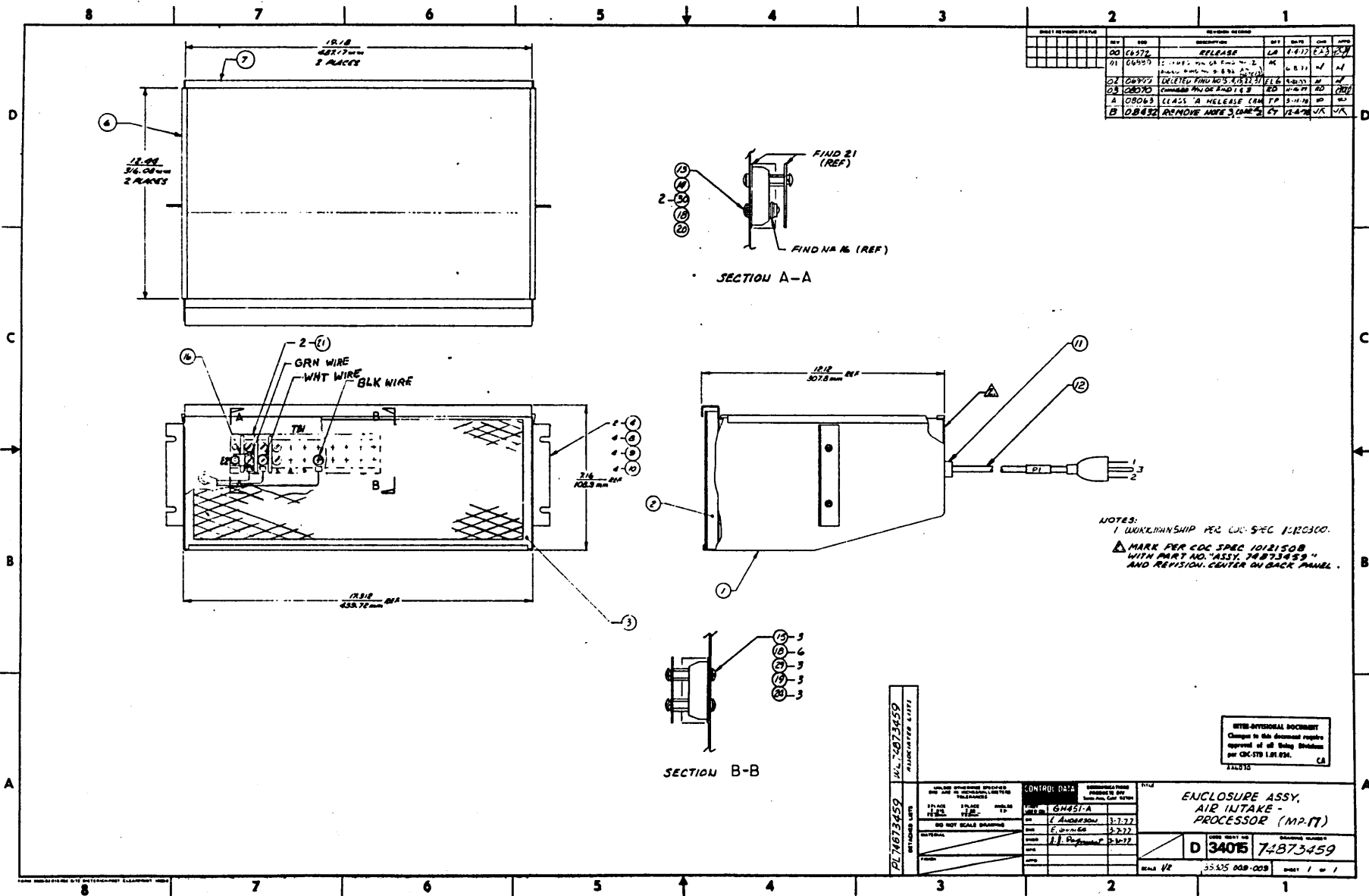
MF

| FIND NUMBER | REV | PART NUMBER | QUANTITY | UNIT | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MARK/BUY PART TYPE | PH | DA | W |
|-------------|-----|-------------|----------|------|----------------------------------|---------------|--------------------|----------------|--------------------|----|----|---|
| 13 | A | 15003406 | 1200 | TN | WIPE, ELECT, 20 GA, PVC, UL, BLU | IN | | | PPP2 | | | N |
| 14 | A | 15003409 | 1200 | TN | WIRE ELECT, 20 GA, PVC UL 1061 | IN | | | PPP2 | | | N |
| 1 | C | 24548802 | 100 | PC | CONN PLUG MINAT RECTANGULAR | IN | | | PPP4 | | | N |
| 12 | A | 51708101 | 200 | PC | TERMINAL FEMALE | IN | | | | | | N |
| 11 | A | 51833401 | 100 | PC | CONN-RECPT, 2 SOCKET, 0.093 SER | IN | | | PPP4 | | | N |
| 6 | | 51904701 | 200 | PC | CABLE LABEL | IN | | | PPP4 | | | N |
| 7 | B | 73995400 | 200 | PC | NMPLT KIT BLNK SMALL CABLES | IN | | | PPP4 | | | N |
| 4 | A | 74718400 | 2300 | PC | CONTACT | IN | | | PPP4 | | | N |
| 8 | A | 74718401 | 100 | PC | CONTACT | IN | | | PPP4 | | | N |
| 3 | A | 74718501 | 200 | PC | CONN HOUSING 27 CAVITY | IN | | | | | | N |
| 2 | A | 74718505 | 100 | PC | CONN HOUSING 2 CAVITY | IN | | | | | | N |
| 15 | A | 74788900 | RFF | PC | WIRE LIST CABLE TAPE TRANSPORT | IN | | | | | | N |
| 9 | C | 74789300 | 100 | PC | LABEL CONTACT CAVITY | IN | | | PPP4 | | | N |
| 10 | C | 74789500 | 100 | PC | LABEL CONNECTOR DESIGNATION | IN | | | PPP4 | | | N |
| 5 | A | 74775819 | 8400 | TN | CABLE 24 COND | IN | | | | | | N |

NUMBER OF LINE ITEMS = 15
HIGHEST FIND NUMBER = 15

PROJECT ENGINEER

ARDEN HILLS



| REV | APP | DESCRIPTION | DATE | BY | CHKD | APP |
|-----|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|------|-----|
| 00 | 08572 | RELEASE | 11-17 | EAJ | JK | |
| 01 | 08955 | 1. UNIT: MFG. OF 2 (PARTS NO. 8.884.2.1) | | | | |
| 02 | 08955 | DELETED FIND NO'S 8.884.2.1 | | | | |
| 03 | 08970 | REMOVED MFG. OF 2 (PARTS NO. 8.884.2.1) | | | | |
| A | 08983 | CLASS "A" RELEASE (MFG. TP 8.884.2.1) | | | | |
| B | 08432 | REMOVE MORE 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 | | | | |

NOTES:
 1 WORKMANSHIP PER COS SPEC 1.100300.
 2 MARK PER COS SPEC 10121508 WITH PART NO. "ASSY. 74873459" AND REVISION. CENTER ON BACK PANEL.

INTER-OFFICIAL DOCUMENT
 Changes in this document require approval of all being obtained per DR-578 1.81.824. CA
 141315

| | | | |
|----------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| AL74873459 PART NUMBER LISTED | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS | CONTROL DATA CONTROL NO. G4851-A DESIGNED BY E. Anderson DATE 3-7-77 CHECKED BY J. J. Pappas DATE 3-10-77 | ENCLOSURE ASSY. AIR INTAKE - PROCESSOR (MP-IT) |
| | NO HOT SCALE DRAWING | MATERIAL FINISH | ORDER PART NO. D 34015 DRAWING NUMBER 74873459 SCALE 1/2" = 1" |
| | PARTS LIST | PARTS LIST | PARTS LIST |
| | PARTS LIST | PARTS LIST | PARTS LIST |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|----|------------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74873459 | B | PLA | D | ENCLOSURE AY AIR INTAKE PROC | DM | 2551 | 03/15/78 | 12/06/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST ISSUE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

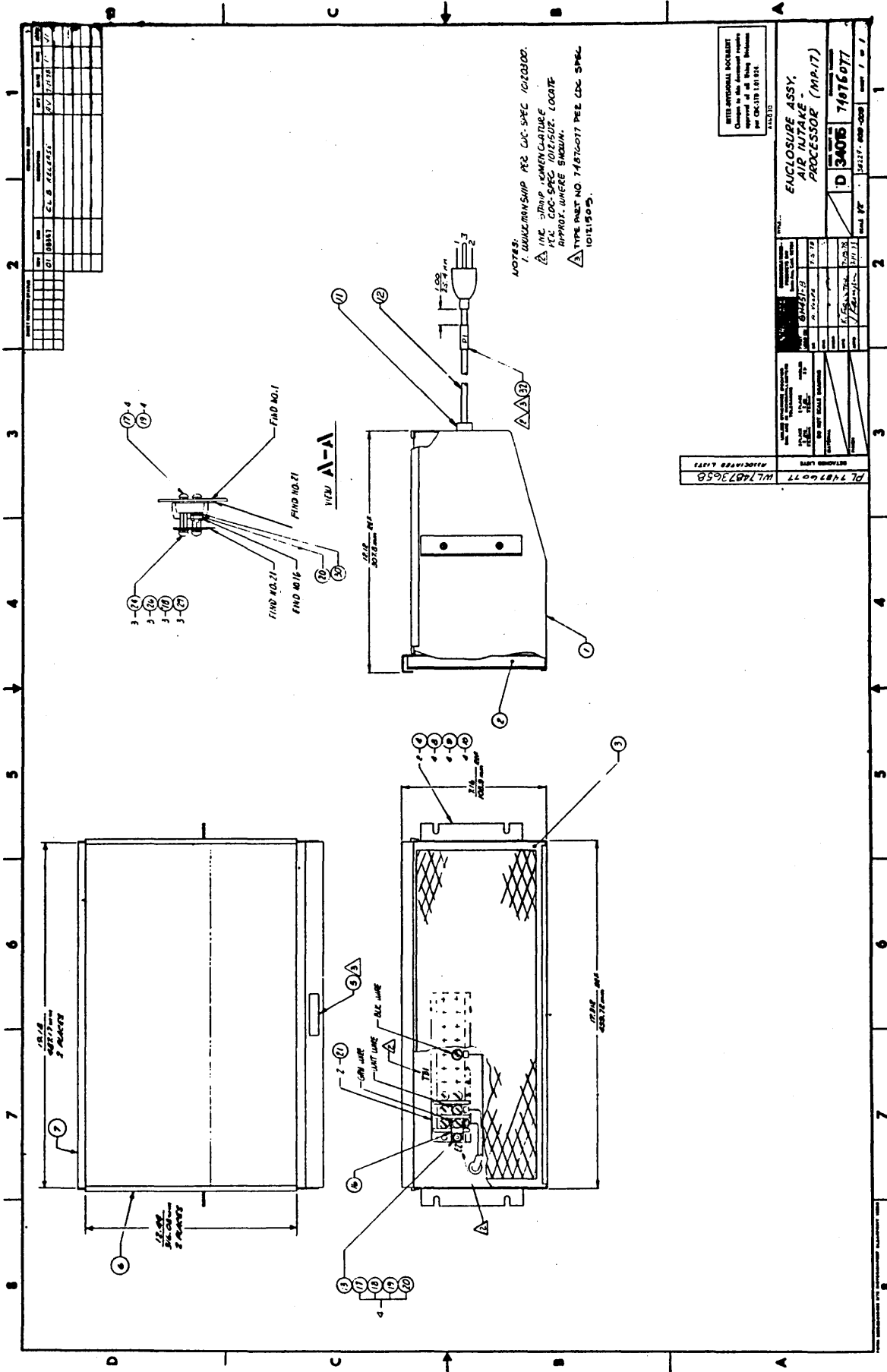
MF

| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH | NC | QTY |
|-------------|----|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|----|----|-----|
| 20 | A | 101251A5 | 100 | PC | HEXAGON MACHINE SCRFW NUTS | IN | 008432 | 120678 | | | | N |
| 18 | A | 101256A5 | 700 | PC | PLAIN WASHERS | IN | | | | | | N |
| 10 | A | 101256A6 | 400 | PC | PLAIN WASHERS | IN | | | | | | N |
| 19 | A | 101258A3 | 300 | PC | SPRING LOCK WASHERS (MED.) | IN | 008432 | 120678 | | | | N |
| 9 | A | 101258A4 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | | | | N |
| 24 | A | 101271J1 | 300 | PC | SCR MACH PANI PHL 6-32 | IN | | | | | | N |
| 17 | A | 101271J4 | 500 | PC | SCR MACH PANI PHL 6-32 | IN | 008432 | 120678 | | | | N |
| 15 | A | 101271J5 | 300 | PC | SCR MACH PANI PHL 6-32 | IN | 008432 | 120678 | | | | N |
| 14 | A | 101271J7 | 100 | PC | SCR MACH PANI PHL 6-32 | IN | 008432 | 120678 | | | | N |
| 8 | A | 101271J3 | 400 | PC | SCR MACH PANI PHL 8-32 | IN | | | | | | N |
| 13 | A | 562771A8 | 100 | PC | TERMINAL BLOCK 9 POS | IN | | | | | | N |
| 12 | C | 738522A2 | 100 | PC | CABLE POWER AC 60 INCH | IN | | | | | | N |
| 5 | C | 739543A0 | 100 | PC | NAME PLATE IDENTIFICATION SHAL | OUT | 008432 | 120678 | PYP4 | | | N |
| 2 | D | 744658A0 | 100 | PC | FILTER AIR LOOP MIX BLOWER | IN | | | | | | N |
| 4 | D | 745204A0 | 200 | PC | BRCKT MOUNTNG AIR ENCLOSURE | IN | | | | | | N |
| 29 | A | 748710A7 | 300 | PC | SPACER THREADED 1/4 HEX X | 3 | IN | | | | | N |
| 21 | A | 748712A7 | 200 | PC | MARKER STRIP | IN | | | | | | N |
| 6 | A | 748713A9 | 100 | PC | EXTRUDED RUBBER SHAPE | IN | | | | | | N |
| 7 | A | 748713A0 | 100 | PC | SHIM SPONGE RUBBER | IN | | | | | | N |
| 30 | B | 748714A1 | 100 | PC | WASHER EXT TOOTH LOCK NO | 6 | IN | 008432 | 120678 | | | N |
| 11 | B | 748716A0 | 100 | PC | BUSHING STRAIN RELIEF | IN | | | | | | N |
| 23 | A | 748736A8 | REF | PC | WL ENCLOSURE AY AIR INTAKE | IN | | | | | | N |
| 3 | D | 748751A9 | 100 | PC | GRILL FILTER | IN | | | | | | N |
| 1 | D | 748751A2 | 100 | PC | ENCLOSURE AIR INTAKE | IN | | | | | | N |
| 16 | | 930470A4 | 100 | PC | JUMPER TERM BLOCK | IN | | | | | | N |
| 32 | C | 942774A7 | 100 | PC | STRAP CABLE TIE | OUT | 008432 | 120678 | | | | N |

NUMBER OF LINE ITEMS = 26
HIGHEST FIND NUMBER = 32

PROJECT ENGINEER

SANTA ANA



NOTES:
 1. DIMENSIONS PER CAC SPEC 102000.
 2. INC STRIP MOUNTING APPROX. WHERE SHOWN.
 3. TYPE PART NO. 7487-0077 PER CAC SPEC 1021500.

ENCLOSURE ASSY.
 AIR INTAKE
 PROCESSOR (M.A.17)

THIS DOCUMENT IS UNCLASSIFIED
 DATE 10/15/01 BY 60322 UCBAW/SJS
 AUTHORITY E.O. 13526

| | | |
|-----|----------|-----------------|
| REV | DATE | DESCRIPTION |
| 1 | 10/15/01 | INITIAL RELEASE |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

| | | |
|-----|----------|-----------------|
| REV | DATE | DESCRIPTION |
| 1 | 10/15/01 | INITIAL RELEASE |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74876077 | 01 | CLB | D | FNCLOSURE AIR INTAKE PROCESSOR | DM | GM451B | 07/19/78 | 07/19/78 | 1 / 1 |
|-----------------|-----|-------|----|--------------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

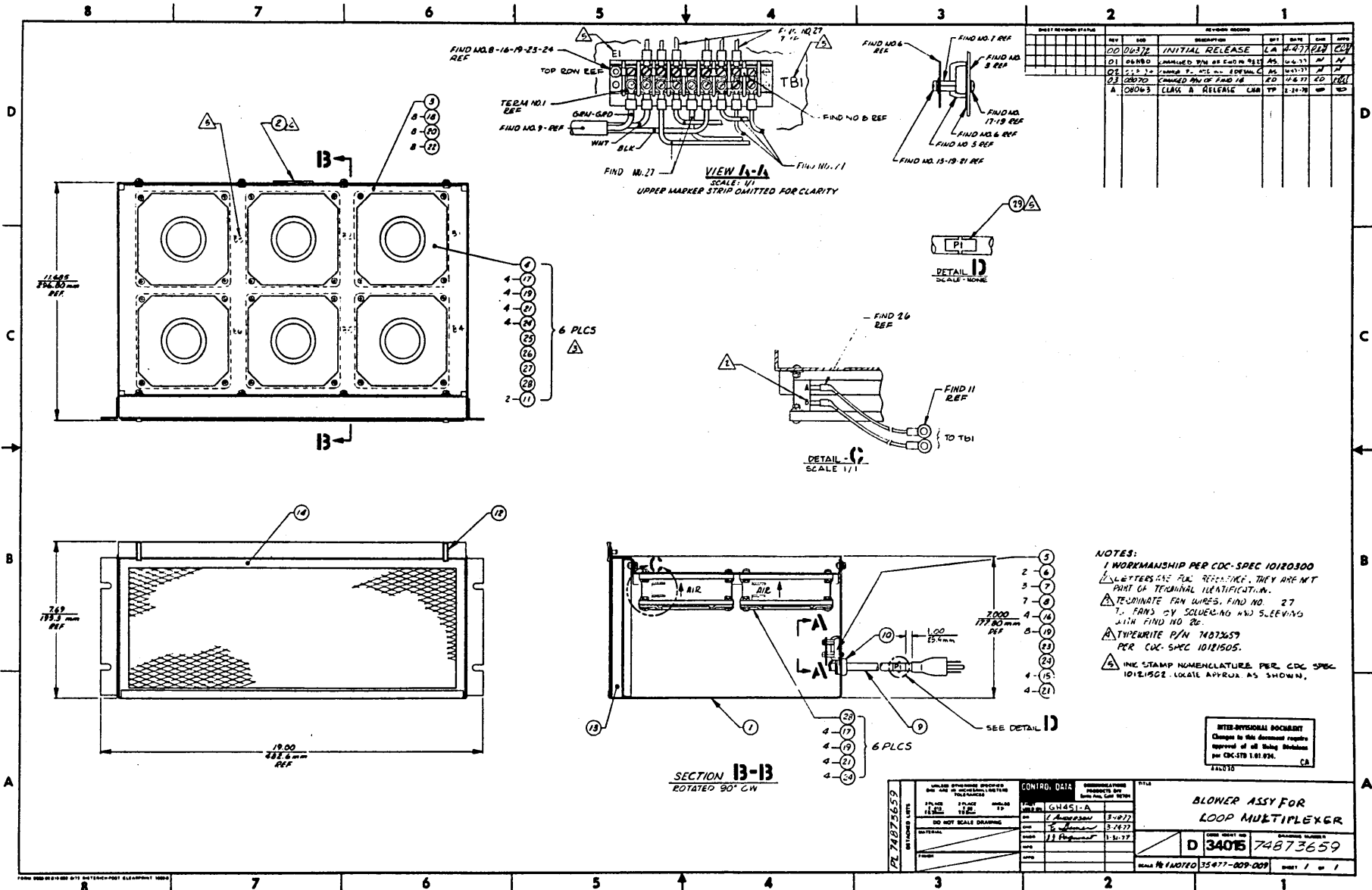
MF
38229-009

| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY TYPE | PH | NC | SP |
|-------------|----|-------------|----------|------|--------------------------------|---------------|--------------------|----------------|---------------|----|----|----|
| 20 | A | 10125105 | 500 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | N | | |
| 18 | A | 10125605 | 700 | PC | PLAIN WASHERS | IN | | | PPP1 | N | | |
| 10 | A | 10125606 | 400 | PC | PLAIN WASHERS | IN | | | PPP1 | N | | |
| 19 | A | 10125803 | 1100 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | | |
| 9 | A | 10125804 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | | |
| 24 | A | 10127111 | 300 | PC | SCR MACH PAV PHL 6-32 | IN | | | PPP1 | N | | |
| 17 | A | 10127114 | 800 | PC | SCR MACH PAV PHL 6-32 | IN | | | PPP1 | N | | |
| 8 | A | 10127123 | 400 | PC | SCR MACH PAV PHL 4-32 | IN | | | PPP1 | N | | |
| 5 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PYP4 | N | | |
| 2 | D | 74465800 | 100 | PC | FILTER AIR LOOP MUX BLOWER | IN | | | PYE4 | N | | |
| 4 | D | 74520400 | 200 | PC | BRCKT MOUNTNG AIR FNCLOSURE | IN | | | PPP4 | N | | |
| 29 | A | 74871057 | 300 | PC | SPACER THREADED 1/4 HEX X 3 | IN | | | PPP4 | N | | |
| 21 | A | 74871257 | 200 | PC | MARKER STRIP | IN | | | PPP4 | N | | |
| 6 | A | 74871359 | 100 | PC | EXTRUDED RUBBER SHAPE | IN | | | PPP4 | N | | |
| 7 | A | 74871360 | 100 | PC | SHIM SPONGE RUBBER | IN | | | PPP4 | N | | |
| 30 | B | 74871451 | 100 | PC | WASHER EXT TOOTH LOCK NO 6 | IN | | | PPP3 | N | | |
| 11 | B | 74871650 | 100 | PC | BUSHING STRAIN RELIEF | IN | | | PPP4 | N | | |
| 23 | A | 74873658 | DEF | PC | WL FNCLOSURE AY AIR INTAKE | IN | | | RFE4 | N | | |
| 3 | D | 74875159 | 100 | PC | GRILL FILTER | IN | | | PYE4 | N | | |
| 1 | D | 74875172 | 100 | PC | ENCLOSURE AIR INTAKE | IN | | | PYE4 | N | | |
| 12 | C | 74876075 | 100 | PC | CABLE POWER AC | IN | | | | N | | |
| 16 | C | 93047004 | 100 | PC | JUMPER TERM BLOCK | IN | | | PPP4 | N | | |
| 32 | C | 94277407 | 100 | PC | STRAP CABLE TIE | IN | | | PPP1 | N | | |

NUMBER OF LINE ITEMS = 23
HIGHEST FIND NUMBER = 32

PROJECT ENGINEER ARDEN HILLS

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| 74873659 | A | CLA | D | RLOWER AY LOOP MUX | DM | 2551 | 02/27/78 | 02/27/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

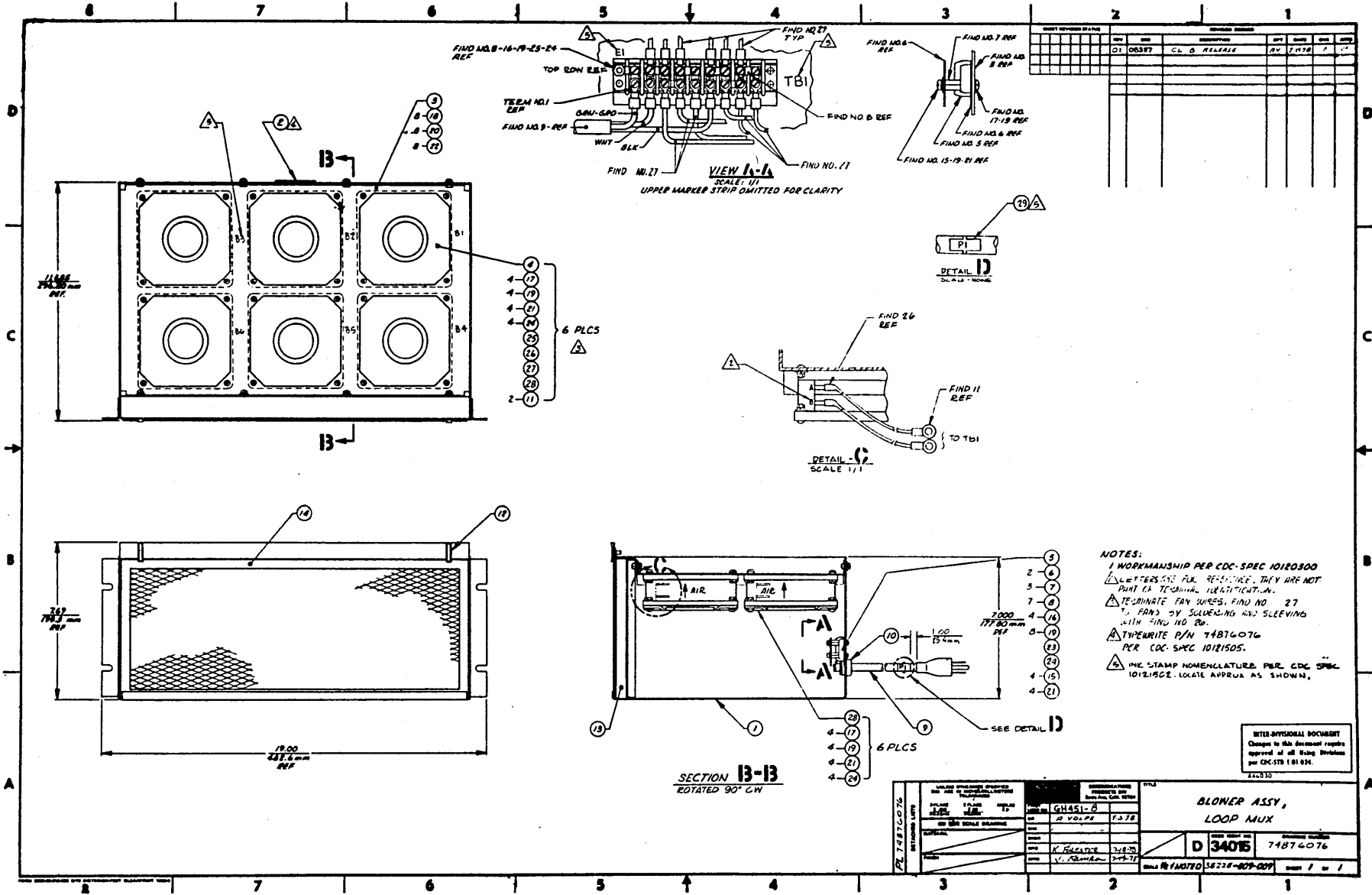
MF

| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PC NC | UN N |
|-------------|-------|-------------|----------|------------|-----------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 24 | A | 10125105 | 4 | 900 | PC HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 22 | A | 10125604 | 8 | 000 | PC PLAIN WASHERS | IN | | | PPP1 | | N |
| 21 | A | 10125605 | 5 | 200 | PC PLAIN WASHERS | IN | | | PPP1 | | N |
| 19 | A | 10125803 | 5 | 200 | PC SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 20 | A | 10125804 | 8 | 000 | PC SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 15 | A | 10127111 | 4 | 000 | PC SCR MACH PAN PHL 6-32 | IN | | | PPP1 | | N |
| 17 | A | 10127115 | 5 | 200 | PC SCR MACH PAN PHL 6-32 | IN | | | PPP1 | | N |
| 18 | A | 10127124 | 8 | 000 | PC SCR MACH PAN PHL 4-32 | IN | | | PPP1 | | N |
| 27 | A | 15003200 | 14 | 400 | IN WIRE ELECTRICAL HOOK-UP 16 GA. | IN | | | PPP2 | | N |
| 11 | C | 24524808 | 1 | 200 | PC TERMINAL LUG CRIMP-INSULATED | IN | | | PPP1 | | N |
| 26 | C | 24534709 | 1 | 200 | IN SLEEVING ELEC SHRINKABLE BULK | IN | | | PPP1 | | N |
| 5 | A | 56277108 | 1 | 000 | PC TERMINAL BLOCK 9 POS | IN | | | PPP4 | | N |
| 9 | C | 73852201 | 1 | 000 | PC CABLE POWER AC 18 INCH | IN | | | | | N |
| 2 | C | 73954300 | 1 | 000 | PC NAME PLATE IDENTIFICATION SMAL | IN | | | PYP4 | | N |
| 13 | D | 74465800 | 1 | 000 | PC FILTER AIR LOOP MUX BLOWER | IN | | | | | N |
| 7 | A | 74871057 | 3 | 000 | PC SPACER THREADED 1/4 HEX X 3 | IN | | | PPP4 | | N |
| 6 | A | 74871257 | 2 | 000 | PC MARKER STRIP | IN | | | PPP4 | | N |
| 12 | A | 74871437 | 2 | 000 | PC LATCH 1/4 TURN WING | IN | | | | | N |
| 23 | B | 74871451 | 1 | 000 | PC WASHER EXT TOOTH LOCK NO 6 | IN | | | PPP3 | | N |
| 10 | B | 74871650 | 1 | 000 | PC BUSHING STRAIN RELIEF | IN | | | PPP4 | | N |
| 3 | D | 74872121 | 1 | 000 | PC PANEL FAN MOUNTNG L M HOUSING | IN | | | | | N |
| 1 | D | 74873698 | 1 | 000 | PC CASE BLOWER | IN | | | | | N |
| 30 | A | 74874283 | REF | | PC WIRE LIST BLOWER ASSY LOOP | IN | | | | | N |
| 14 | D | 74875159 | 1 | 000 | PC GRILL FILTER | IN | | | | | N |
| 8 | | 93047004 | 7 | 000 | PC JUMPER TERM BLOCK | IN | | | PPP4 | | N |
| 29 | C | 94277407 | 1 | 000 | PC STRAP CABLE TIE | IN | | | PPP1 | | N |
| 4 | C | 94689900 | 6 | 000 | PC FAN-70 CFM | IN | | | PPP4 | | N |
| 28 | | 94689901 | 6 | 000 | PC FAN GRILL | IN | | | | | N |

NUMBER OF LINE ITEMS = 28
HIGHEST FIND NUMBER = 30

PROJECT ENGINEER

ARDEN HILLS



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74876076 | 01 | CLB | D | FLOWER ASSY*LOOP MLIA | DM | GH4518 | 07/19/78 | 07/19/78 | 1 / 1 |
|-----------------|-----|-------|-------|-----------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH | PC | OR | PN |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|----|----|----|----|
| 24 | A | 10125105 | 4900 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | | | N |
| 21 | A | 10125605 | 5200 | PC | PLAIN WASHERS | IN | | | PPP1 | | | | N |
| 22 | A | 10125606 | 800 | PC | PLAIN WASHERS | IN | | | PPP1 | | | | N |
| 19 | A | 10125803 | 5200 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | | | N |
| 20 | A | 10125804 | 800 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | | | N |
| 15 | A | 10127111 | 400 | PC | SCR MACH PAN PHL 6-32 | IN | | | PPP1 | | | | N |
| 17 | A | 10127115 | 5200 | PC | SCR MACH PAN PHL 6-32 | IN | | | PPP1 | | | | N |
| 18 | A | 10127124 | 800 | PC | SCR MACH PAN PHL 8-32 | IN | | | PPP1 | | | | N |
| 27 | A | 15003200 | 14400 | IN | WIPF ELECTRICAL HOOK-UP 16 GA. | IN | | | PPP2 | | | | N |
| 11 | C | 24524808 | 1200 | PC | TERMINAL LUG CRIMP-INSULATED | IN | | | PPP1 | | | | N |
| 26 | C | 24534709 | 1200 | IN | SLEEVING ELEC SHRINKABLE BULK | IN | | | PPP1 | | | | N |
| 5 | A | 56277108 | 100 | PC | TERMINAL BLOCK 9 POS | IN | | | PPP4 | | | | N |
| 2 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PYP4 | | | | N |
| 13 | D | 74465800 | 100 | PC | FILTER AIR LOOP MUX BLOWER | IN | | | PYE4 | | | | N |
| 7 | A | 74871057 | 300 | PC | SPACER THREADED 1 & HEX X 3 | IN | | | PPP4 | | | | N |
| 6 | A | 74871257 | 200 | PC | MARKER STRIP | IN | | | PPP4 | | | | N |
| 12 | A | 74871437 | 200 | PC | LATCH 1 & TURN WING | IN | | | PPE4 | | | | N |
| 23 | B | 74871451 | 100 | PC | WASHER EXT TOOTH LOCK NO 6 | IN | | | PPP3 | | | | N |
| 10 | B | 74871450 | 100 | PC | BURNING STRAIN RELIEF | IN | | | PPP4 | | | | N |
| 3 | D | 74872121 | 100 | PC | PANEL FAN MOUNTNG I. M HOUSING | IN | | | PYE4 | | | | N |
| 1 | D | 74873698 | 100 | PC | CASE BLOWER | IN | | | PFE4 | | | | N |
| 30 | A | 74874283 | DEF | PC | WIPE LIST BLOWER ASSY LOOP | IN | | | PFE4 | | | | N |
| 14 | D | 74875159 | 100 | PC | GRILL FILTER | IN | | | PYE4 | | | | N |
| 9 | C | 74876074 | 100 | PC | CABLE POWER AC | IN | | | PPP4 | | | | N |
| 8 | B | 93047004 | 700 | PC | JUMPER TERM BLOCK | IN | | | PPP4 | | | | N |
| 29 | C | 94277407 | 100 | PC | STRAP CABLE TIE | IN | | | PPP1 | | | | N |
| 4 | C | 94689900 | 600 | PC | FAN-70 CFM | IN | | | PPP4 | | | | N |
| 28 | B | 94689901 | 600 | PC | FAN GRILL | IN | | | PPP4 | | | | N |

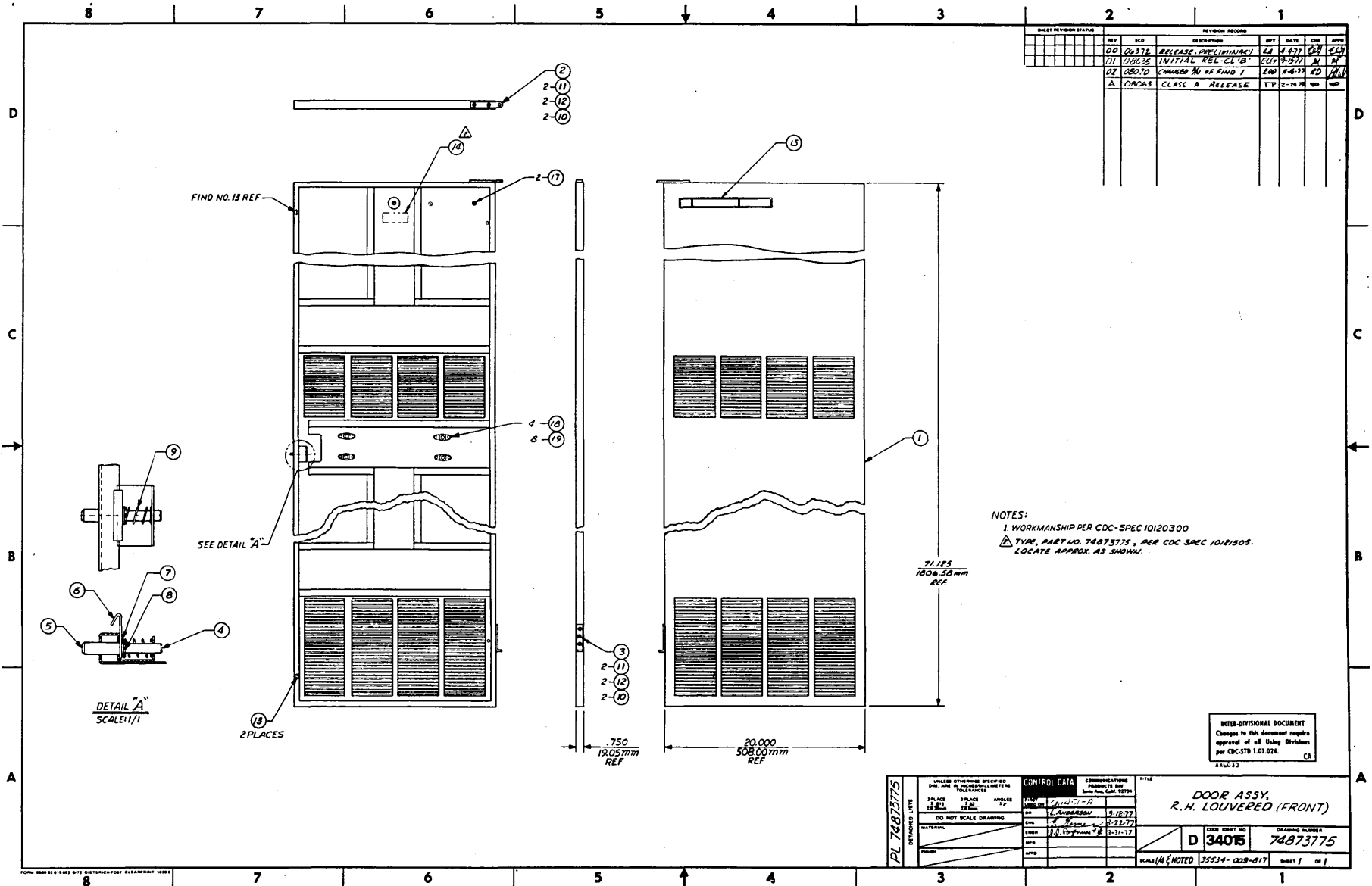
NUMBER OF LINE ITEMS = 28
HIGHEST FIND NUMBER = 30

PROJECT ENGINEER ARDEN HILLS

AA 2709 REV. 7-78

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.

AA6030



| SHEET REVISION STATUS | | REVISION RECORD | | | | |
|-----------------------|-------|-----------------------|----|---------|-----|-----|
| REV | NO | DESCRIPTION | BY | DATE | CHK | APP |
| 00 | 00375 | RELEASE (PRELIMINARY) | EA | 4-27-77 | ED | ED |
| 01 | 00625 | INITIAL REL-CL 'B' | EA | 5-27-77 | M | M |
| 02 | 02070 | CHANGED N. OF FIND 1 | EA | 7-6-77 | ED | ED |
| A | 02063 | CLASS A RELEASE | TP | 7-14-77 | | |

NOTES:
 1. WORKMANSHIP PER CDC-SPEC 10120300
 △ TYPE, PART NO. 74873775, PER CDC SPEC 10121305.
 LOCATE APPROX. AS SHOWN.

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STR 1.01.024.
 44433

| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED. | | CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. BOSTON, MASS. 02116 | | TITLE | |
|------------------------------------------------------------------------------------|---------------|--------------|----|--------------------------------------------------|----|----------------------------------|---------------|
| PL 74873775 | REVISED LINES | DATE | BY | DATE | BY | DOOR ASSY, R.H. LOUVERED (FRONT) | |
| DATE | BY | DATE | BY | DATE | BY | D | 3406 |
| DATE | BY | DATE | BY | DATE | BY | 74873775 | |
| DATE | BY | DATE | BY | DATE | BY | SCALE: AS NOTED | 35534-009-017 |
| DATE | BY | DATE | BY | DATE | BY | SHEET | 1 of 1 |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

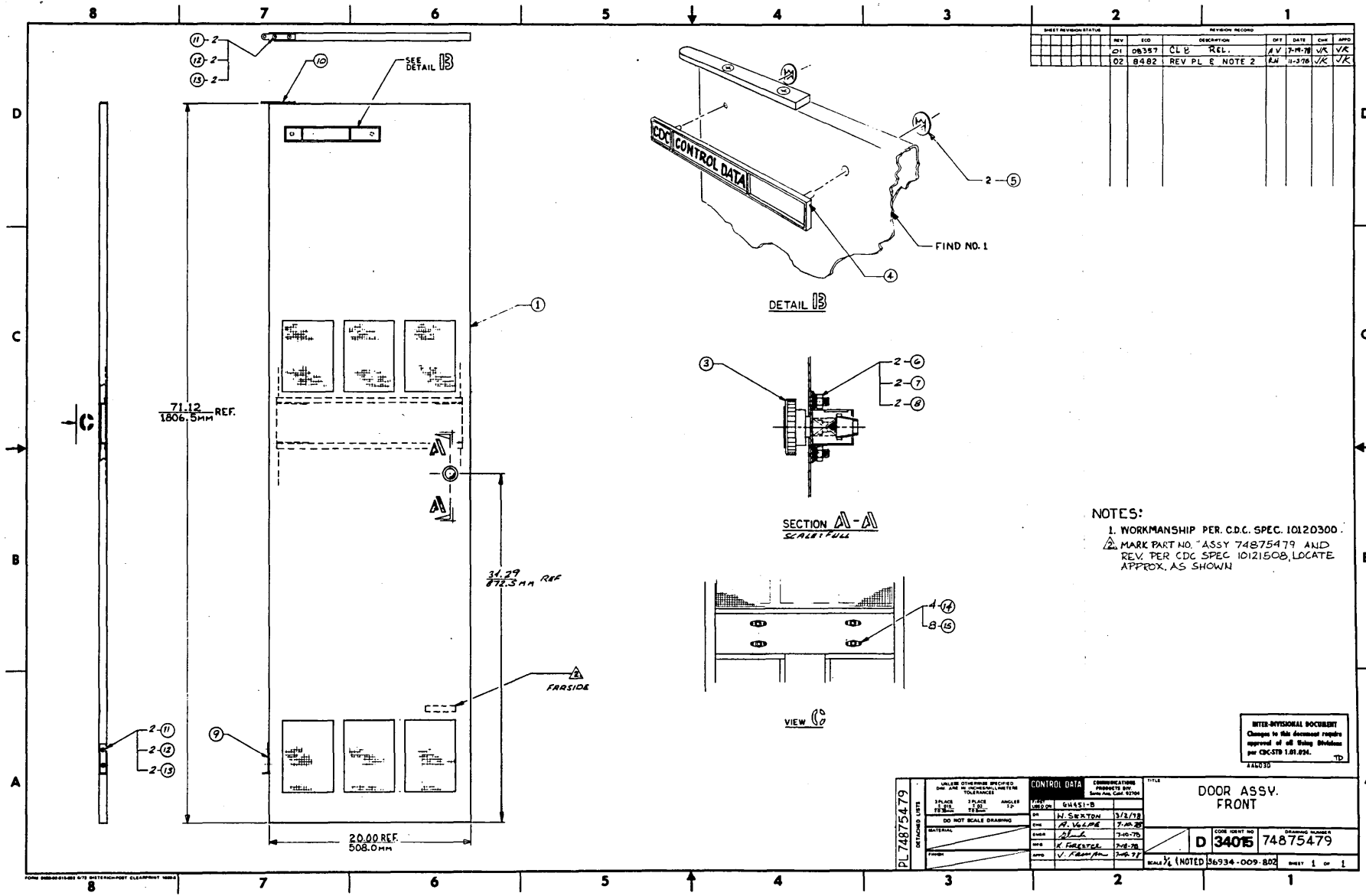
| 74873775 | A | CLA | D | DOOR AY R H LOUVERED FRONT | DM | 2551 | 02/27/78 | 02/27/78 | 1 / 1 |
|-----------------|-----|-------|-------|----------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DN #1 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER | DW #1 | PART NUMBER | QUANTITY | UNIT MEAS | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY TYPE | PH NC | S OR N |
|-------------|-------|-------------|----------|-----------|--------------------------------|---------------|--------------------|----------------|---------------|-------|--------|
| 9 | C | 00856909 | 100 | PC | SPG COMPR 1 L | IN | | | PPP1 | | N |
| 12 | A | 10125108 | 400 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 7 | A | 10125606 | 100 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 10 | A | 10125736 | 400 | PC | B2 DEG FH MACH SCR PHL 10-24 | IN | | | PPP1 | | N |
| 8 | A | 10125804 | 100 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 11 | A | 10125805 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 15 | A | 15000600 | 100 | PC | EMBLEM ASSY PRODUCT IDENT | IN | | | PPP4 | | N |
| 14 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PYP4 | | N |
| 3 | C | 74496700 | 100 | PC | BRACKET DOOR MOUNTING | IN | | | | | N |
| 4 | B | 74637200 | 100 | PC | BAR GUIDE | IN | | | | | N |
| 6 | B | 74637300 | 100 | PC | PLATE LATCH | IN | | | | | N |
| 2 | B | 74637500 | 100 | PC | BAR MTG DOOR STD 19 IN RACK | IN | | | | | N |
| 5 | B | 74648300 | 100 | PC | BAR PUSH | IN | | | | | N |
| 18 | B | 74871593 | 400 | PC | ISOLATOR VIBRATION | IN | | | | | N |
| 1 | D | 74875170 | 100 | PC | PANEL ASSY LOUVERED MH DOOR | IN | | | | | N |
| 13 | A | 84719901 | 200 | PC | BUMPER,STEM,RUBBER (BS-6043) | IN | | | | | N |
| 17 | A | 93539003 | 200 | PC | FASTENER PUSH ON | IN | | | | | N |
| 19 | A | 95655516 | 800 | PC | SCREW SHEET METAL 6 20 X 3 9 | IN | | | | | N |

NUMBER OF LINE ITEMS = 18
HIGHEST FIND NUMBER = 19

PROJECT ENGINEER ARDEN HILLS



| SHEET REVISION STATUS | | REVISION RECORD | | | |
|-----------------------|-------|-----------------|-----|---------|-----|
| REV | ECO | DESCRIPTION | APP | DATE | CHK |
| 01 | DB387 | CL & REL. | A/V | 3-14-78 | JK |
| 02 | 8482 | REV PL 2 NOTE 2 | EA | 11-3-78 | JK |

NOTES:
 1. WORKMANSHIP PER C.D.C. SPEC. 10120300.
 2. MARK PART NO. ASSY 74875479 AND REV. PER CDC SPEC 10121508, LOCATE APPRX. AS SHOWN

INTER-OFFICIAL AGREEMENT
 Changes to this document require approval of all using offices per CBCSTP 1.81.824. TD

| | | | | | | | |
|----------------------|------------------------------------------------------------------|--------------|-------------|----------------|-----------|------------------|-----------|
| PL 74875479 | UNLESS OTHERWISE SPECIFIED DIM. AND TOLERANCES IN MILLIMETERS | CONTROL DATA | | COMMUNICATIONS | | TITLE | |
| | PLACE DIMENSIONS IN MILLIMETERS TOLERANCES | DATE | PROJECT NO. | ISSUE NO. | DATE | DOOR ASSY. FRONT | |
| DO NOT SCALE DRAWING | SCALE | DATE | ISSUE NO. | DATE | ISSUE NO. | DATE | ISSUE NO. |
| MATERIAL | SCALE 1/4" (NOTED) 36934-009-802 | DATE | ISSUE NO. | DATE | ISSUE NO. | DATE | ISSUE NO. |
| FORM | SCALE 1/4" (NOTED) 36934-009-802 | DATE | ISSUE NO. | DATE | ISSUE NO. | DATE | ISSUE NO. |
| | SCALE 1/4" (NOTED) 36934-009-802 | DATE | ISSUE NO. | DATE | ISSUE NO. | DATE | ISSUE NO. |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|----|----------------------|---------------|-------------|--------------|-----------------|-------------|
| 74875479 | 02 | CLB | A | DOOR ASSY FRONT | DM | 255X | 07/19/78 | 11/06/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

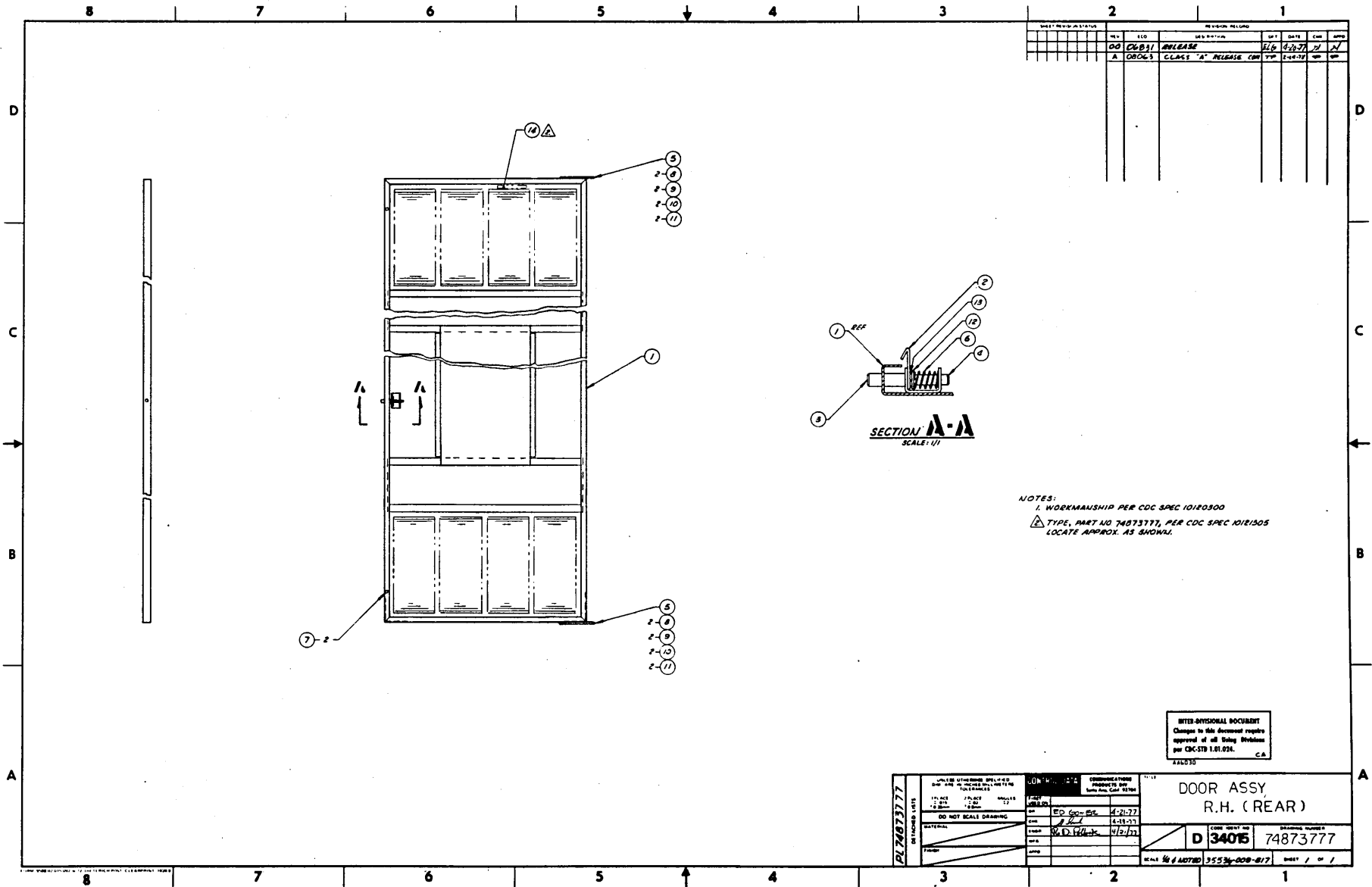
| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | EFFECTIVE DATE | MAKE/BUY PART TYPE | PH NO | OR N |
|-------------|----|-------------|----------|------------|-----------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 5 | C | 00854020 | 200 | | PC NUT SPLED PJSH=ON | IN | | | PPP1 | | N |
| 8 | A | 10125105 | 200 | | PC HEXAGON MACHINE SCREW NUTS | IN | 008482 | 110378 | PPP1 | | N |
| 13 | A | 10125108 | 400 | | PC HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 6 | A | 10125605 | 200 | | PC PLAIN WASHERS | IN | 008482 | 110378 | PPP1 | | N |
| 11 | A | 10125748 | 400 | | PC 82 DEG FH MACH SCK PHL 10-32 | IN | | | PPP1 | | N |
| 7 | A | 10125803 | 200 | | PC SPRING LOCK WASHERS (MED.) | IN | 008482 | 110378 | PPP1 | | N |
| 12 | A | 10125805 | 400 | | PC SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 4 | A | 15000600 | 100 | | PC EMBLEM ASSY PRODUCT IDENT | IN | | | PPP4 | | N |
| 9 | C | 74496700 | 100 | | PC BRACKET DOOR MOUNTING | IN | | | PPE4 | | N |
| 10 | B | 74637500 | 100 | | PC BAR MTG DOOR STD 19 IN RACK | IN | | | PPE4 | | N |
| 1 | D | 74875459 | 100 | | PC DOOR FRONT SUB-ASSEMBLY | IN | | | PYE4 | | N |
| 3 | A | 74876123 | 100 | | PC RISK LATCH PAWL | IN | | | PPP4 | | N |
| 14 | B | 74876908 | 400 | | PC ISOLATOR VIBRATN MECHMT MODIFD | IN | 008482 | 110378 | PPP4 | | N |
| 15 | A | 95655516 | 800 | | PC SCREW SHEET METAL 6 20 X 3 9 | IN | | | PPP4 | | N |

NUMBER OF LINE ITEMS = 14
HIGHEST FIND NUMBER = 15

AA 2708 REV. 7-78

PROJECT ENGINEER

ARDEN HILLS



| SHEET NUMBER | | REVISION RECORD | | | |
|--------------|-------|-----------------------|-----|---------|----------|
| REV | ECO | DESCRIPTION | BY | DATE | CHK APPR |
| 00 | 0631 | RELEASE | ELG | 8-28-77 | JJ JJ |
| A | 00063 | CLASS "A" RELEASE COM | TP | 8-28-77 | SP SP |

NOTES:
 1. WORKMANSHIP PER CDC SPEC 10120300
 Δ TYPE, PART NO 74873777, PER CDC SPEC 10120300
 LOCATE APPROX. AS SHOWN.

INTER-DIVISIONAL DOCUMENT
 Changes to this document require
 approval of all Being Divisions
 per CSC-STD 1.01.021. CA
 444330

| | | | | |
|----------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|----------|
| 74873777 | UNITED STATES GOVERNMENT DO NOT CHANGE SPECIFICATIONS UNLESS AUTHORIZED BY THE GOVERNMENT | | COMMUNICATIONS PRODUCTS DIV AEC-100, CAMP BETH | |
| | PLACE IN CASE | DATE | BY | REVISION |
| | DO NOT SCALE DRAWING | ED GOS-EST | 4-21-77 | |
| | | RD D. [unclear] | 4/2/77 | |
| DRAWING NUMBER | | SCALE 1/8" = 1'-0" (NOTED) 35534-008-017 SHEET 1 OF 1 | | |
| D 3405 | | 74873777 | | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| 74873777 | A | CLA | D | DOOR ASSY R H REAR | DM | 2551 | 02/27/78 | 02/27/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW #1 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

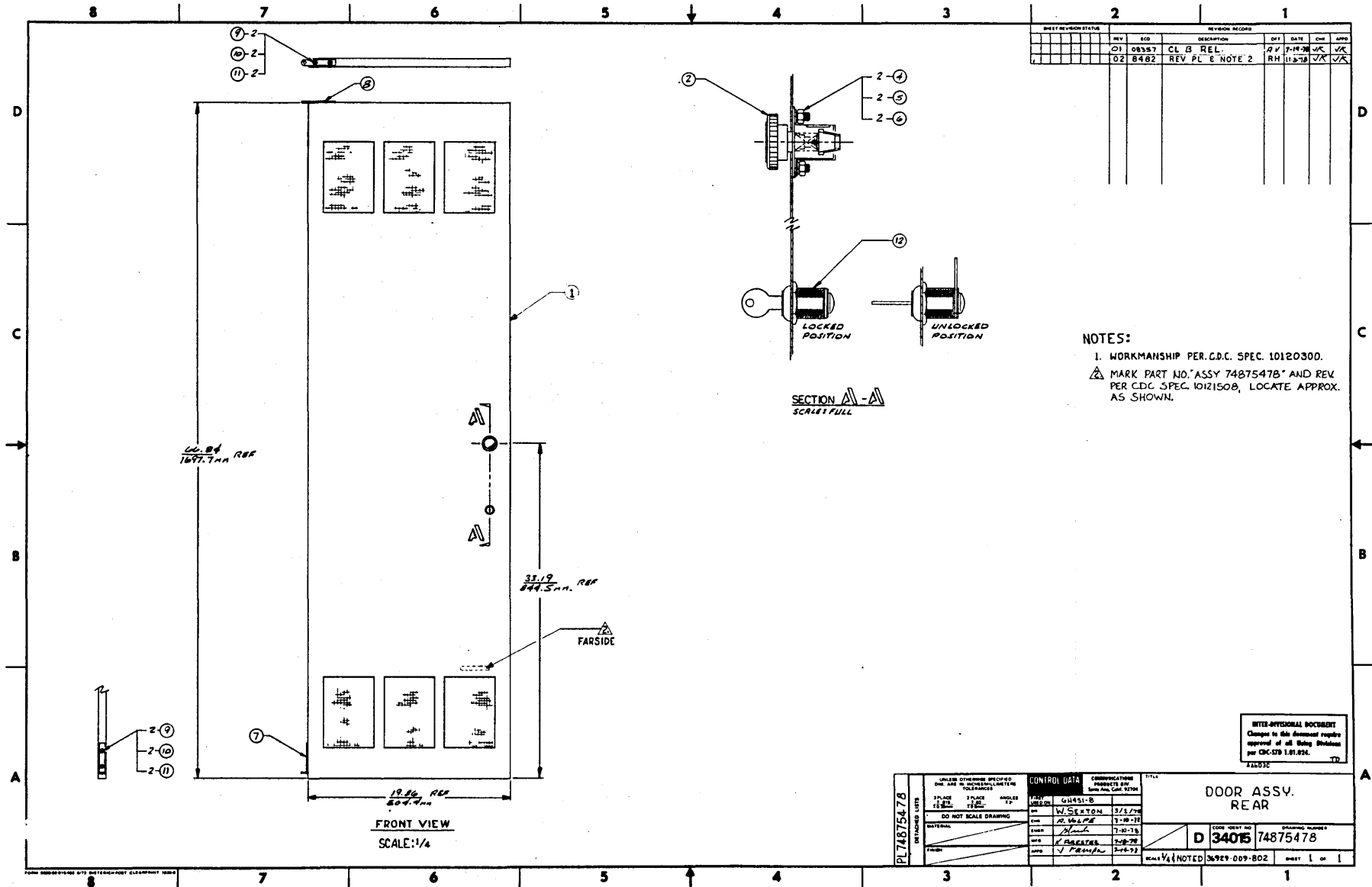
MF

| FIND NUMBER | DW #1 | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY TYPE | PH NC | QTY |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|---------------|-------|-----|
| 6 | C | 00856909 | 100 | PC | SPG COMPR 1 L | IN | | | PPP1 | | N |
| 11 | A | 10125108 | 400 | PC | HEXAGON MACHINE SCRFW NUTS | IN | | | PPP1 | | N |
| 12 | A | 10125606 | 100 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 9 | A | 10125607 | 400 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | N |
| 8 | A | 10125736 | 400 | PC | B2 DEG FH MACH SCH PHL 10-24 | IN | | | PPP1 | | N |
| 13 | A | 10125804 | 100 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 10 | A | 10125805 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 14 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PYP4 | | N |
| 3 | B | 74637200 | 100 | PC | BAR GUIDE | IN | | | | | N |
| 2 | R | 74637300 | 100 | PC | PLATE LATCH | IN | | | | | N |
| 5 | B | 74637500 | 200 | PC | BAR MTG DOOR STD 19 IN RACK | IN | | | | | N |
| 4 | B | 74648300 | 100 | PC | BAR PUSH | IN | | | | | N |
| 1 | D | 74873644 | 100 | PC | PANEL AY LOJVERED REAR | IN | | | | | N |
| 7 | A | 84719901 | 200 | PC | BUMPER,STEM,RUBBER (BS-6043) | IN | | | | | N |

NUMBER OF LINE ITEMS = 14
HIGHEST FIND NUMBER = 14

PROJECT ENGINEER

ARDEN HILLS



| SHEET REVISION STATUS | | REVISION RECORD | | | | | |
|-----------------------|-------|-----------------|----|---------|-----|-----|--|
| REV | ECO | DESCRIPTION | BY | DATE | CHK | APP | |
| 01 | 08357 | CL B REL. | RV | 7-19-78 | ✓K | ✓K | |
| 02 | 8482 | REV PL E NOTE 2 | RH | 11-2-78 | ✓K | ✓K | |

NOTES:
 1. WORKMANSHIP PER C.D.C. SPEC. 10120300.
 ⚠ MARK PART NO. ASSY 7487547B AND REV PER C.D.C. SPEC. 10121508, LOCATE APPROX. AS SHOWN.

INTER-OFFICIAL DOCUMENT
 Changes to this document require approval of all Staff Divisions per ODCD 1.81.024.
 FILED IN: TD

| | | | | | | | |
|-----------------------------|-----------------------------------------------------------------------|--------------|-------------------|-----------|------------------------------------------------|------|--------------------|
| PL7487547B DRAWING LIMIT | CHECK DIMENSIONS SHOWN DIM ARE IN MILLIMETERS UNLESS TOLERANCES | | CONTROL DATA | | COMPLETION PROJECTS FOR NEW AND OLD WORK | | DOOR ASSY. REAR |
| | 3 PLACE 2 DEC 100% | ANGLE 10° | REV | DATE | REV | DATE | |
| | DO NOT SCALE DRAWING | | BY | W. SERTON | 3/1/78 | | |
| | EXTERNAL | | CHK | R. WILPE | 3-10-78 | | |
| | | ENGR | Blank | 7-30-78 | | | D 34015 74875478 |
| | | DRW | R. BARRETT | 2-28-78 | | | |
| | | APP | V. P. [Signature] | 3-6-77 | | | SCALE 1/4" = 1" |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|--------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| 74875478 | 02 | CLB | A | DOOR ASSY REAR | DM | 2551 | 07/19/78 | 11/06/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DRG NO | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

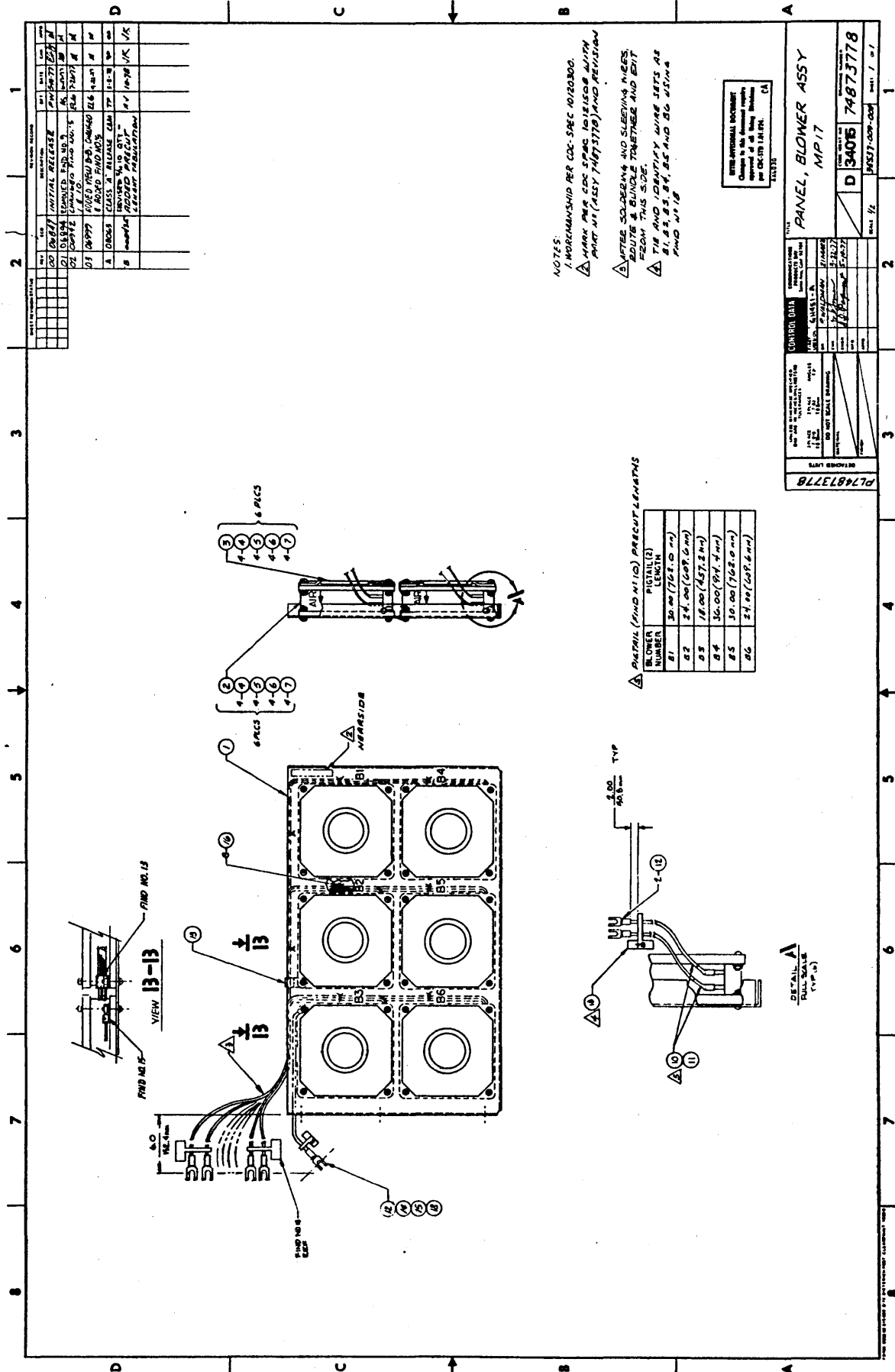
MF

| FINI NUMBER | DRG NO | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NO | DRG NO |
|-------------|--------|-------------|----------|------------|------------------------------|---------------|--------------------|----------------|--------------------|-------|--------|
| 6 | A | 10125105 | 200 | PC | HEXAGON MACHINE SCREW NUTS | IN | 008482 | 11/03/78 | PPP1 | N | N |
| 11 | A | 10125108 | 400 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | N | N |
| 4 | A | 10125605 | 200 | PC | PLAIN WASHERS | IN | 008482 | 11/03/78 | PPP1 | N | N |
| 9 | A | 10125748 | 400 | PC | 82 DEG FH MACH SCH PHL 10-32 | IN | | | PPP1 | N | N |
| 5 | A | 10125803 | 200 | PC | SPRING LOCK WASHERS (MED.) | IN | 008482 | 11/03/78 | PPP1 | N | N |
| 10 | A | 10125805 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 12 | C | 17921804 | 100 | PC | LOCK PLATE TUMBLER TYPE B | IN | | | PPP4 | N | N |
| 7 | C | 74496700 | 100 | PC | BRACKET DOOR MOUNTING | IN | | | PPE4 | N | N |
| 8 | B | 74637500 | 100 | PC | BAR MTG DOOR STD 19 IN RACK | IN | | | PPE4 | N | N |
| 1 | D | 74875583 | 100 | PC | DOOR REAR SJB-ASSEMBLY | IN | | | PYE4 | N | N |
| 2 | A | 74876123 | 100 | PC | RISK LATCH PAWL | IN | | | PPP4 | N | N |
| | | | | | NUMBER OF LINE ITEMS = 11 | | | | | | |
| | | | | | HIGHEST FINI NUMBER = 12 | | | | | | |

AA 8708 REV. 7-78

PROJECT ENGINEER

ARDEN HILLS



| REV | DATE | DESCRIPTION | BY | CHKD |
|-----|-------|-----------------------|------|------|
| 00 | 08/27 | INITIAL RELEASE | MP17 | MP17 |
| 01 | 09/17 | REVISED TO ADD WIRING | MP17 | MP17 |
| 02 | 10/10 | REVISED TO ADD WIRING | MP17 | MP17 |
| 03 | 08/27 | REVISED TO ADD WIRING | MP17 | MP17 |
| 04 | 08/27 | REVISED TO ADD WIRING | MP17 | MP17 |
| 05 | 08/27 | REVISED TO ADD WIRING | MP17 | MP17 |
| 06 | 08/27 | REVISED TO ADD WIRING | MP17 | MP17 |
| 07 | 08/27 | REVISED TO ADD WIRING | MP17 | MP17 |
| 08 | 08/27 | REVISED TO ADD WIRING | MP17 | MP17 |
| 09 | 08/27 | REVISED TO ADD WIRING | MP17 | MP17 |
| 10 | 08/27 | REVISED TO ADD WIRING | MP17 | MP17 |

NOTES:
 1. WORKMANSHIP PER CDC SPEC 4020300.
 2. MARK PER CDC SPEC 4021500 WITH PART #1 (ASSY 7487378) AND RELATION
 3. AFTER SOLDERING AND SLEEWING PIPES ROUTE & BUNDLE TOGETHER AND EXIT FROM THIS SIDE.
 4. TIE AND IDENTIFY WIRE SETS AS B1, B2, B3, B4, B5 AND B6 USING PWD #118

DETAIL (PWD #118) PRECUT LENGTHS

| NUMBER | WIRE #1 | WIRE #2 | WIRE #3 | WIRE #4 |
|--------|------------------|------------------|------------------|------------------|
| B1 | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) |
| B2 | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) |
| B3 | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) |
| B4 | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) |
| B5 | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) |
| B6 | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) | 24.00 (609.6 mm) |

GENERAL DATA

PROJECT: PANEL, BLOWER ASSY MP17

REV: 10

DATE: 08/27

BY: MP17

CHKD: MP17

APP'D: MP17

CONTRACT NO: 4021500-001

PL7487378

REV: 10

DATE: 08/27

BY: MP17

CHKD: MP17

APP'D: MP17

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 7487377d | B | CLA | D | PANEL BLOWER ASSY MP 17 | DM | 2551 | 03/09/78 | 11/01/78 | 1 / 1 |
|-----------------|-----|-------|-------|-------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW #2 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

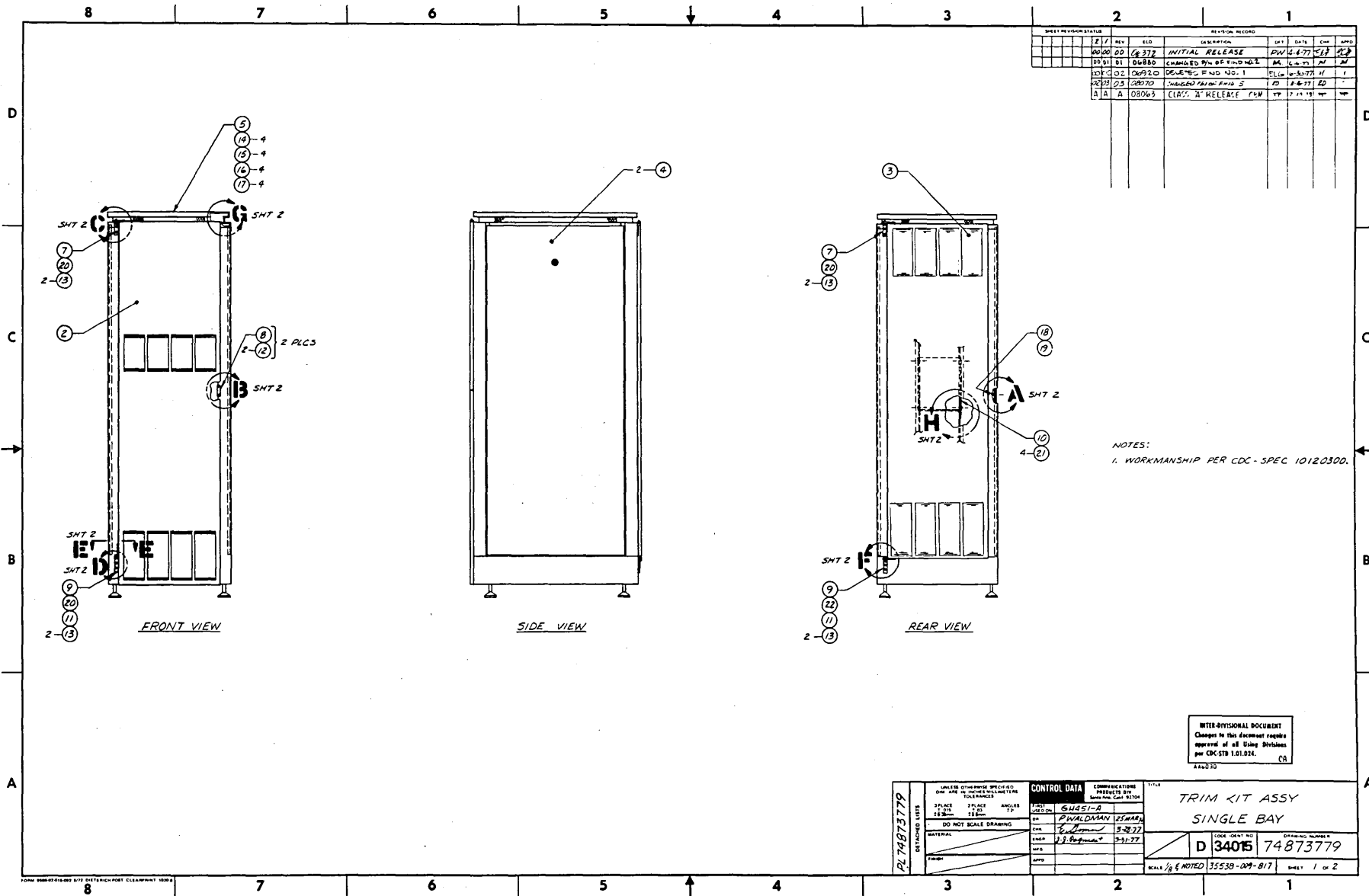
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| FINO NUMBER | DW #2 | PART NUMBER | QUANTITY | UNIT MEAS | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH # | DR # |
|-------------|-------|-------------|----------|-----------|--------------------------------|---------------|--------------------|----------------|--------------------|------|------|
| 7 | A | 10125105 | 4800 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 6 | A | 10125605 | 4800 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 5 | A | 10125803 | 4800 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 4 | A | 10127115 | 4800 | PC | SCR MACH PAV PHL 6-32 | IN | | | PPP1 | | N |
| 10 | A | 15003200 | 35000 | IN | WIRE ELECTRICAL HOOK-UP 16 GA. | IN | 008435 | 11/01/78 | PPP2 | | N |
| 14 | A | 15003205 | 800 | IN | WIRE ELEC HOOK-UP GREEN | IN | | | PPP4 | | N |
| 12 | C | 18535815 | 1300 | PC | TERMINAL SPADE FLANGED INS | IN | | | PPP1 | | N |
| 15 | C | 24524804 | 100 | PC | TERMINAL LUG CRIMP-INSULATED | IN | | | PPP1 | | N |
| 11 | C | 24534709 | 100 | IN | SLEEVING ELEC SHRINKABLE BULK | IN | | | PPP1 | | N |
| 1 | D | 74872273 | 100 | PC | PANEL FAN MOUNTING MP 17 | IN | | | PPP4 | | N |
| 13 | | 92602007 | 100 | PC | CABLE CLAMP | IN | | | PPP4 | | N |
| 18 | C | 94277407 | 700 | PC | STRAP CABLE TIE | IN | | | PPP1 | | N |
| 16 | C | 94277416 | 800 | PC | STRAP CABLE TIE | IN | | | PPP1 | | N |
| 2 | C | 94689900 | 600 | PC | FAN-70 CFM | IN | | | PPP4 | | N |
| 3 | C | 94689901 | 600 | PC | FAN GRILL | IN | | | PPP4 | | N |

NUMBER OF LINE ITEMS = 15
HIGHEST FINO NUMBER = 18

PROJECT ENGINEER ARDEN HILLS

74873971 B



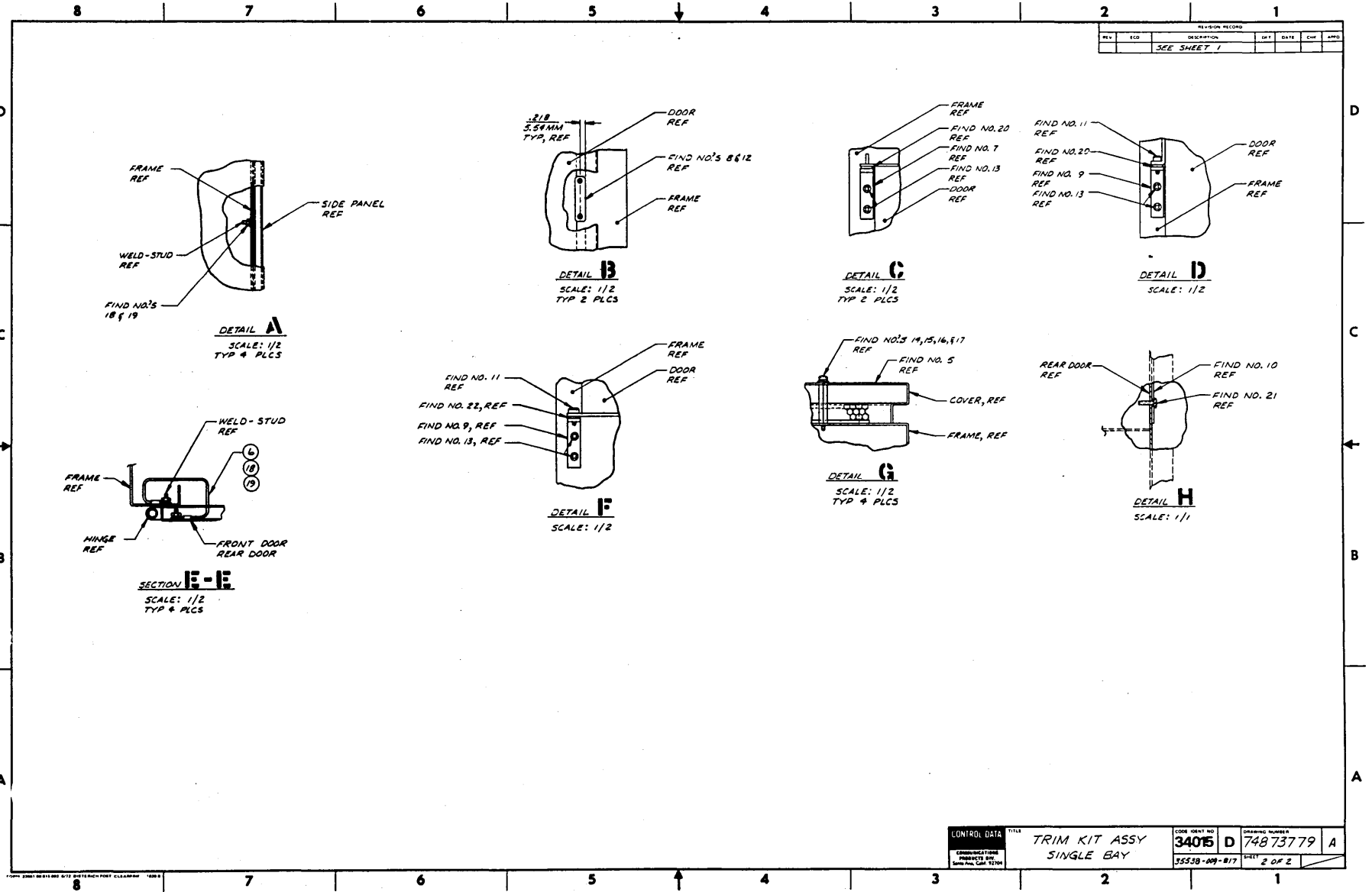
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|-----------------------|----|------------------------|----------|-----|------|
| REV | NO | DESCRIPTION | DATE | BY | APPD |
| 00 | 00 | 6-372 INITIAL RELEASE | 11-16-77 | WJF | WJF |
| 01 | 01 | CHANGED W/O OF FINDING | 11-16-77 | WJF | WJF |
| 02 | 02 | DELETED F NO NO. 1 | 11-16-77 | WJF | WJF |
| 03 | 03 | ADDED F NO NO. 5 | 11-16-77 | WJF | WJF |
| 04 | 04 | CLASS: "A" RELEASE | 11-16-77 | WJF | WJF |

NOTES:
1. WORKMANSHIP PER CDC - SPEC 10120300.

INTER-OFFICIAL DOCUMENT
Changes to this document require approval of all Using Divisions per CAC-519 1.01.024. CR

| | | | | | | |
|---------------------------------------------------------------------|--------------------|-------------------|--------|--------------------------------------------------|----------------|-------|
| UNLESS OTHERWISE SPECIFIED: DIM ARE IN MILLIMETERS TOLERANCES | 3 PLACE | 2 PLACE | ANGLES | CONTROL DATA | COMMUNICATIONS | TITLE |
| | ±0.10 | ±0.20 | ±0.10 | | | |
| DO NOT SCALE DRAWING | PROJECT BY: SHAW-D | | | TRIM KIT ASSY | | |
| MATERIAL | DRN | P. WALDMAN | | SINGLE BAY | | |
| | CHK | S. J. [Signature] | | DRAWING NUMBER | | |
| DATE | 11-16-77 | 3-21-77 | | D 34015 74873779 | | |
| APPD | | | | SCALE 3/8" = 1" NOTED 35538-009-817 SHEET 1 OF 2 | | |

7-41



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|--------|--------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74873779 | A | CLA | D | TRIM KIT ASSY SINGLE BAY | DM | 2551 | 02/27/78 | 02/27/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DWG SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

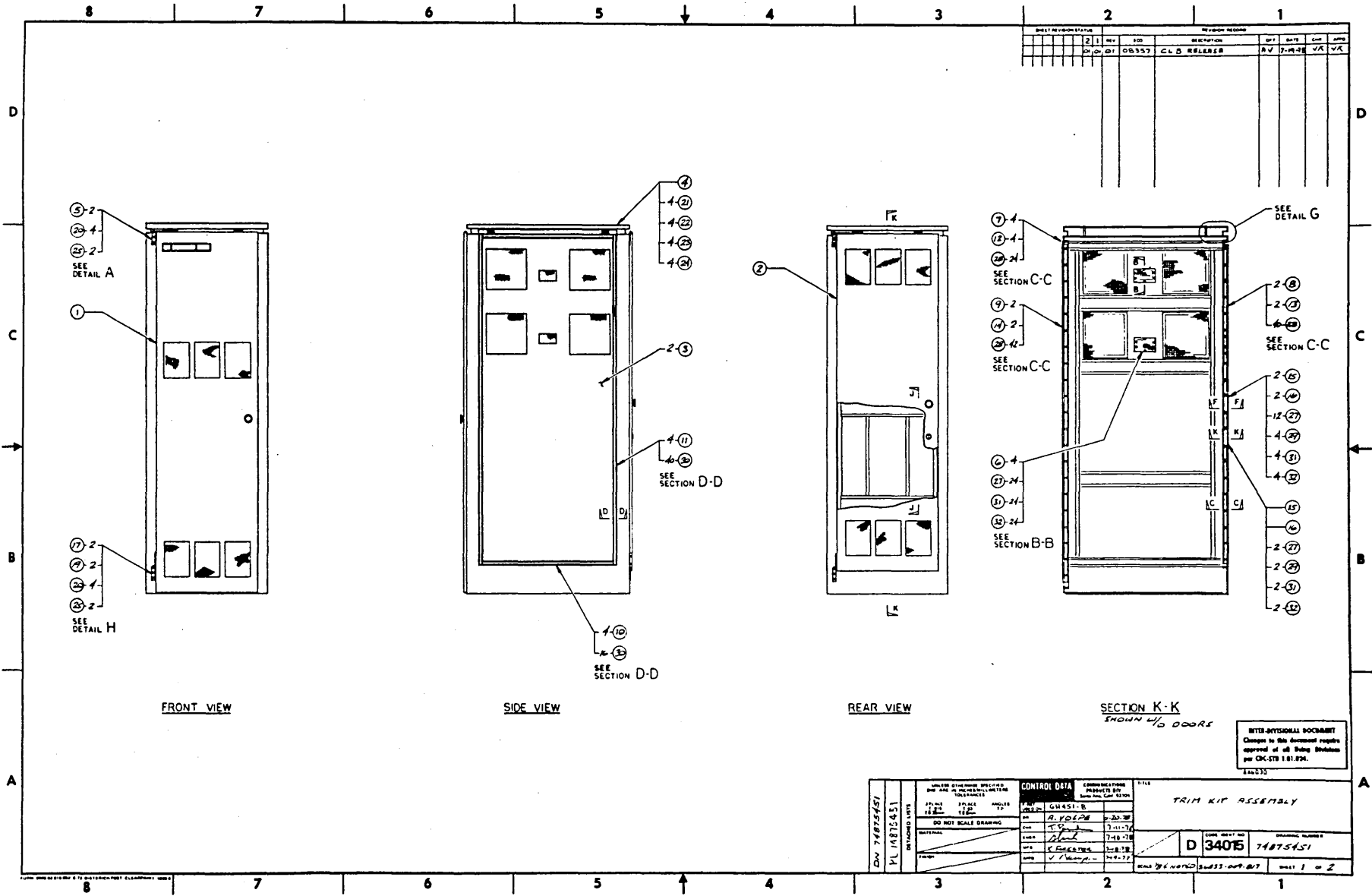
MF

| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | ON N |
|-------------|-------|-------------|----------|------------|---------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 19 | A | 10125106 | 800 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 16 | A | 10125607 | 400 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | N |
| 12 | A | 10125703 | 400 | PC | 82 DEG FH MACH SCR PHL 4-40 | IN | | | PPP1 | | N |
| 13 | A | 10125725 | 800 | PC | 82 DEG FH MACH SCR PHL 8-32 | IN | | | PPP1 | | N |
| 15 | A | 10125805 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 14 | A | 10127143 | 400 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP1 | | N |
| 21 | C | 17901509 | 400 | PC | 6-32 SCR THD ROLL PHL H PAN | IN | | | PPP1 | | N |
| 17 | A | 38907101 | 400 | PC | STANDOFF M/F. 10-32 1/2LG | IN | | | | | N |
| 8 | B | 74637100 | 200 | PC | LATCH STRIKE PLATE | IN | | | | | N |
| 7 | B | 74637400 | 200 | PC | BRACKET TOP DOOR STD 19 IN | IN | | | | | N |
| 9 | B | 74637700 | 200 | PC | BRACKET BOTTOM DOOR STD 19 IN | IN | | | | | N |
| 10 | C | 74638000 | 100 | PC | PRINT HOLDER | IN | | | | | N |
| 18 | B | 74871452 | 800 | PC | WASHER EXT TOOTH LOCK NO 8 | IN | | | | | N |
| 6 | B | 74871589 | 400 | PC | SHIELD GROUND STRAP | IN | | | | | N |
| 22 | B | 74872309 | 100 | PC | WASHER FLAT NYLON 253 ID | IN | | | | | N |
| 4 | D | 74873771 | 200 | PC | PANEL ASSY SIDE | IN | | | | | N |
| 2 | D | 74873775 | 100 | PC | DOOR AY R H LOUVERED FRONT | IN | | | | | N |
| 3 | D | 74873777 | 100 | PC | DOOR ASSY R H REAR | IN | | | | | N |
| 5 | D | 74875163 | 100 | PC | COVER CABINET | IN | | | | | N |
| 11 | A | 84709400 | 200 | PC | SCREW, SHOULDER-STAIN STL 10-32 | IN | | | | | N |
| 20 | A | 84719800 | 300 | PC | WASHER, NYLON 1/4 DIA X .06 | IN | | | | | N |

NUMBER OF LINE ITEMS = 21
HIGHEST FIND NUMBER = 22

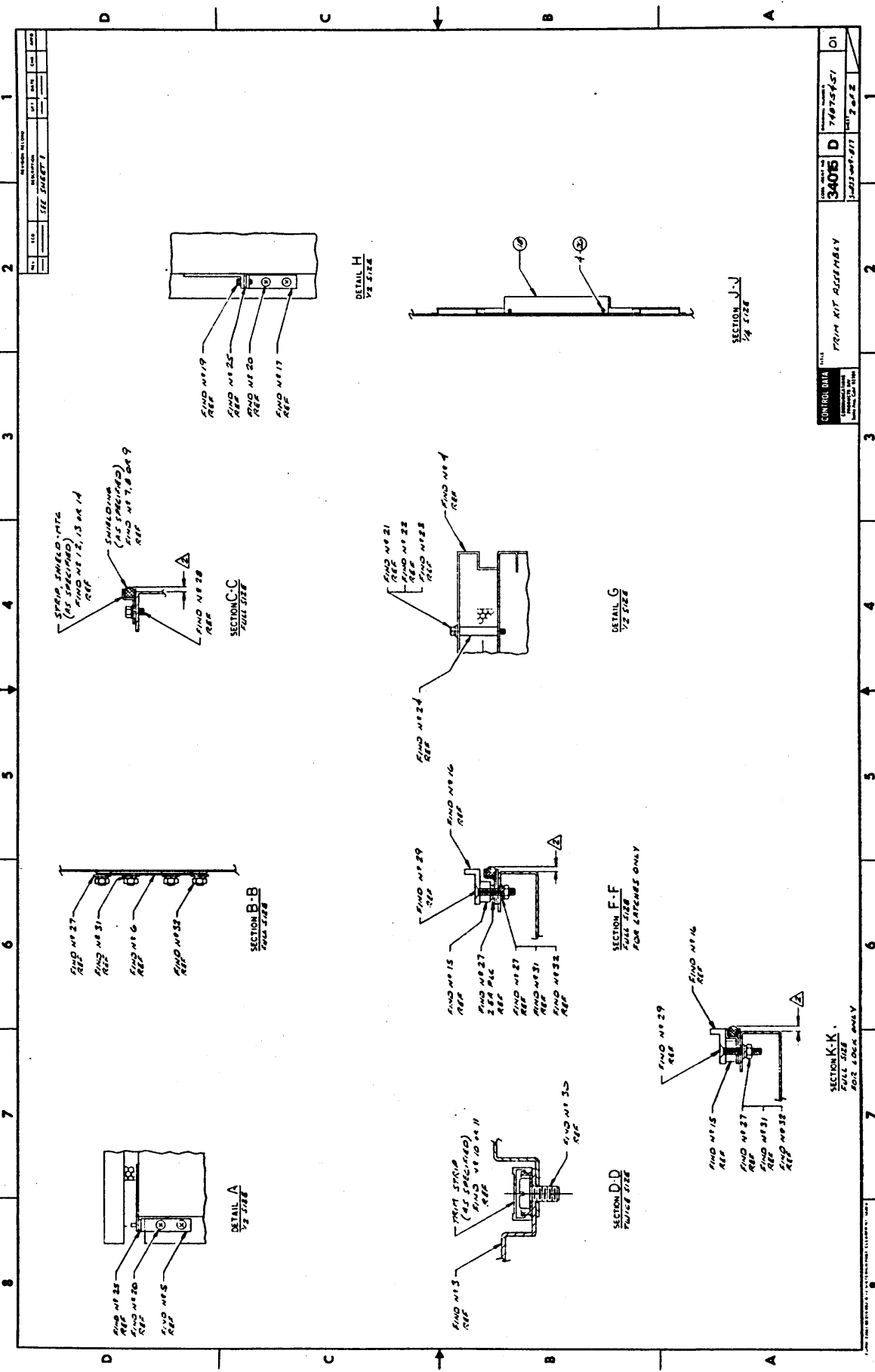
PROJECT ENGINEER

ARDEN HILLS




INTER-OFFICIAL DOCUMENT
 Changes to this document require
 approval of all Being Stations
 per CR-STR 1.81.97K.

| | | | | |
|----------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|-------------------|
| DW 74873971 PL 74873971 ENHANCED LINES | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS | CONTROL DATA | COMPLETION DATE | TITLE |
| | DATE: 7-18-78 PAGE: 1 OF 1 SCALE: 1:1 | DESIGNER: R. POLDE CHECKER: J. [unclear] DATE: 7-18-78 | APPROVED BY: [unclear] DATE: 7-18-78 | TRIP KIT ASSEMBLY |
| DO NOT SCALE DRAWING | | DATE: 7-18-78 | DATE: 7-18-78 | |
| DRAWING NUMBER: D 34075 74873971 | | DRAWING NUMBER: 74873971 | | |
| DATE: 7-18-78 | | DATE: 7-18-78 | | |



| | | | | |
|-------------|------|----|------|-------|
| REV | DATE | BY | CHKD | APP'D |
| 1 | | | | |
| REVISIONS | | | | |
| SEE SHEET 1 | | | | |

| | | | | |
|-------------------------|------|-------------------|------|----|
| CONTR. NO. | DATE | TRIM KIT ASSEMBLY | REV. | 01 |
| 3406 | D | 74873971 | 3 | 1 |
| SUBJ: TRIM KIT ASSEMBLY | | | | |
| DRAWN BY: [Name] | | | | |
| CHECKED BY: [Name] | | | | |
| APPROVED BY: [Name] | | | | |

| DWN | A. VOLPE | 7-78 |  COMMUNICATIONS SYSTEMS DIV. Santa Ana, Ca. 92704 | TITLE | TRIM KIT ASSEMBLY | | PREFIX | DOCUMENT NO. | REV | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------|--------------|------|-----|----|----|--------------|----|---------|---|--|--|--|--|--|
| CHG | T. Paul | 7-11-78 | | FIRST USED ON | GH451-B 36833-009-817 | | DN | 74875451 | 01 | | | | | | | | | | | | |
| ENG | M. Paul | 7-10-78 | | CODE IDENT | 34015 | | SHEET 1 OF 2 | | | | | | | | | | | | | | |
| MFG | K. FORESTER | 7-19-78 | | | | | | | | | | | | | | | | | | | |
| APP | J. Kump | 7-19-78 | | | | | | | | | | | | | | | | | | | |
| SHEET REVISION STATUS | | | | | REVISION RECORD | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>REV</th> <th>ECO</th> <th>DESCRIPTION</th> <th>DRFT</th> <th>DATE</th> <th>APP</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>01</td> <td>CL B RELEASE</td> <td>AV</td> <td>7-19-78</td> <td>✓</td> </tr> </tbody> </table> | | | | | REV | ECO | DESCRIPTION | DRFT | DATE | APP | 01 | 01 | CL B RELEASE | AV | 7-19-78 | ✓ | | | | | |
| REV | ECO | DESCRIPTION | DRFT | DATE | APP | | | | | | | | | | | | | | | | |
| 01 | 01 | CL B RELEASE | AV | 7-19-78 | ✓ | | | | | | | | | | | | | | | | |
| NOTES: | | | | | <div style="border: 1px solid black; padding: 5px;"> <p>INTER-DIVISIONAL DOCUMENT Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.</p> </div> | | | | | | | | | | | | | | | | |
| | | | | | <div style="border: 1px solid black; padding: 5px;"> <p>DETACHED LISTS</p> </div> | | | | | | | | | | | | | | | | |

FORM 19246-02-015-092 DIETERICH-POST CLEARPRINT 1020

AA6030

PRINTED IN U.S.A.

| | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|--------------|----|--------------------------|------------|
| CONTROL DATA | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | CODE IDENT 34015 | SHEET 2 OF 2 | DN | DOCUMENT NO. 74875451 | REV. 01 |
| <p>1. WORKMANSHIP PER CDC SPEC 10120300</p> <p>2. ADJUST FIND N^o'S 7, 8, 9, 12, 13 AND 14 TO MATE WITH DOORS IN CLOSED POSITION.</p> | | | | | | |

FORM 19246-01-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74875451 | 01 | CLB | D | TRIM KIT ASSY | DM | 2551 | 07/19/78 | 07/19/78 | 1 / 1 |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DN #2 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

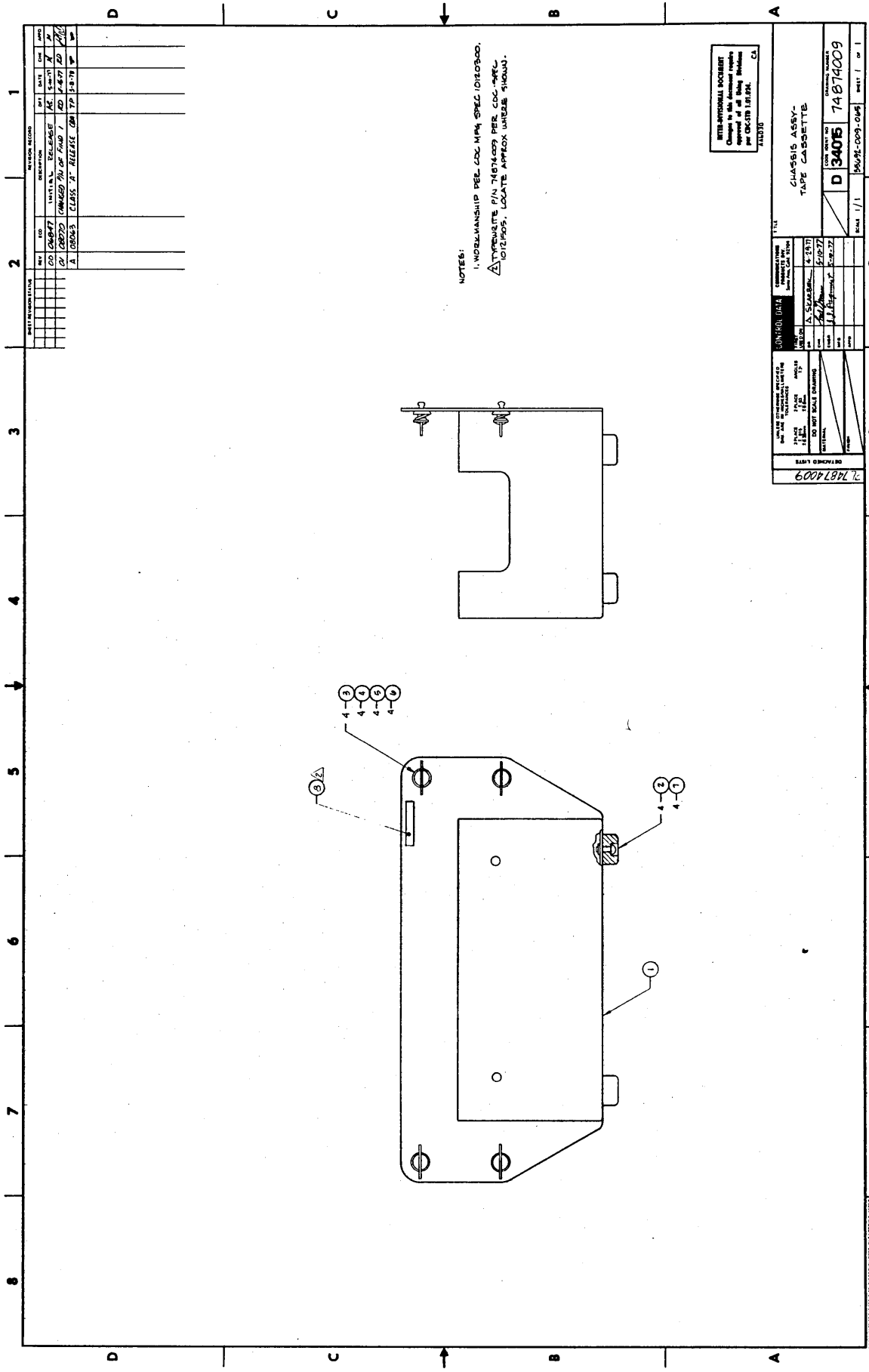
| FIND NUMBER | REV | PART NUMBER | QUANTITY | UNIT MEAS | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH OR N |
|-------------|-----|-------------|----------|-----------|--------------------------------|---------------|--------------------|----------------|--------------------|---------|
| 32 | A | 10125106 | 3000 | PC | HEXAGON MACHINE SCRFW NUTS | IN | | | PPP1 | N |
| 27 | A | 10125606 | 3800 | PC | PLAIN WASHERS | IN | | | PPP1 | N |
| 73 | A | 10125607 | 400 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | N |
| 20 | A | 10125725 | 800 | PC | 82 DEG FH MACH SCR PHL 8-32 | IN | | | PPP1 | N |
| 29 | A | 10125729 | 600 | PC | 82 DEG FH MACH SCR PHL 8-32 | IN | | | PPP1 | N |
| 31 | A | 10125804 | 3000 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N |
| 72 | A | 10125805 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N |
| 71 | A | 10127143 | 400 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP1 | N |
| 76 | C | 17901509 | 400 | PC | 6-32 SCR THD ROLL PHL H PAN | IN | | | PPP1 | N |
| 30 | C | 17901523 | 5600 | PC | 10-32 SCR THD ROLL PHL H PAN | IN | | | PPP1 | N |
| 74 | A | 38907101 | 400 | PC | STANDOFF M/F 10-32 1/2LG | IN | | | PPP4 | N |
| 5 | B | 74637400 | 200 | PC | BRACKET TOP DOOR STD 19 IN | IN | | | PYE4 | N |
| 17 | B | 74637700 | 200 | PC | BRACKET BOTTOM DOOR STD 19 IN | IN | | | PPE4 | N |
| 18 | C | 74638000 | 100 | PC | PRINT HOLDER | IN | | | PPE4 | N |
| 4 | D | 74875163 | 100 | PC | COVER CABINET | IN | | | PYE4 | N |
| 15 | C | 74875454 | 200 | PC | SPACEW CATCH | IN | | | | N |
| 16 | C | 74875458 | 300 | PC | CATCH LATCH | IN | | | | N |
| 3 | D | 74875471 | 200 | PC | PANEL SIDE SUB-ASSEMBLY | IN | | | | N |
| 6 | A | 74875475 | 400 | PC | SCREEN ACCESS 18406800 | IN | | | | N |
| 2 | A | 74875478 | 100 | PC | DOOR ASSY REAR | IN | | | | N |
| 1 | A | 74875479 | 100 | PC | DOOR ASSY FRONT | IN | | | | N |
| 12 | D | 74875769 | 400 | PC | STRIP SHIELD MOUNTING | IN | | | | N |
| 13 | D | 74875772 | 200 | PC | STRIP SHIELD MTG 63.44 LG | IN | | | | N |
| 14 | D | 74875775 | 200 | PC | STRIP SHIELD MTG 67.70 LG | IN | | | | N |
| 7 | C | 74875965 | 400 | PC | SHIELDING ELASTOMER CORE 17.94 | IN | | | | N |
| 8 | C | 74875966 | 200 | PC | SHIELDING ELASTOMER CORE 63.44 | IN | | | | N |
| 9 | C | 74875967 | 200 | PC | SHIELDING ELASTOMER CORE 67.70 | IN | | | | N |
| 10 | C | 74875987 | 400 | PC | TRIM STRIP 25.90 INCH LG | IN | | | | N |
| 11 | C | 74875988 | 400 | PC | TRIM STRIP 65.50 INCH LG | IN | | | | N |
| 19 | A | 84709400 | 200 | PC | SCREW SHOULDER-STAIN STL 10-32 | IN | | | PPP4 | N |
| 75 | A | 84719800 | 400 | PC | WASHER, FLAT, NYLON, 1/4 IN. | IN | | | PPP4 | N |
| 28 | C | 93592196 | 10200 | PC | SCREW, HEX WASHER WD TAPPING | IN | | | PPP3 | N |

NUMBER OF LINE ITEMS = 32
HIGHEST FIND NUMBER = 32

PROJECT ENGINEER ARDEN HILLS

AA 2700 REV. 7-78

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01-024.



NOTES:
 1. MEMBERSHIP PEEL COC MM SPEC 1012500.
 2. TYPEWRITE PIN 7487409 PER COC-MFC 1012500. LOCATE APPROX UNLESS SHOWN.

INTERNATIONAL DOCUMENT
 Controlled under the provisions of the Espionage Laws of the United States of America as amended.
 per EXEC 121188. CL
 11/2/78

| | | | |
|----------------|--|-------------------------------|--|
| DRAWING TITLE | | 7487409 | |
| DRAWING NO. | | D 3405 | |
| REV. NO. | | 1 | |
| DATE | | 1969-09-06 | |
| DRAWN BY | | J.J. [Signature] | |
| CHECKED BY | | [Signature] | |
| APPROVED BY | | [Signature] | |
| PART NO. | | 7487409 | |
| QUANTITY | | 1 | |
| MATERIAL | | CLASS. A RELEASE COM TP 15-78 | |
| CLASSIFICATION | | CLASS. A RELEASE COM TP 15-78 | |
| DATE | | 1969-09-06 | |
| BY | | J.J. [Signature] | |
| DATE | | 1969-09-06 | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|----|----------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74874009 | A | CLA | D | CHASSIS ASSY TAPE CASSETTE | DM | 2551 | 03/20/78 | 03/20/78 | 1/ 1 |
| ASSEMBLY NUMBER | REV | CLASS | DM | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

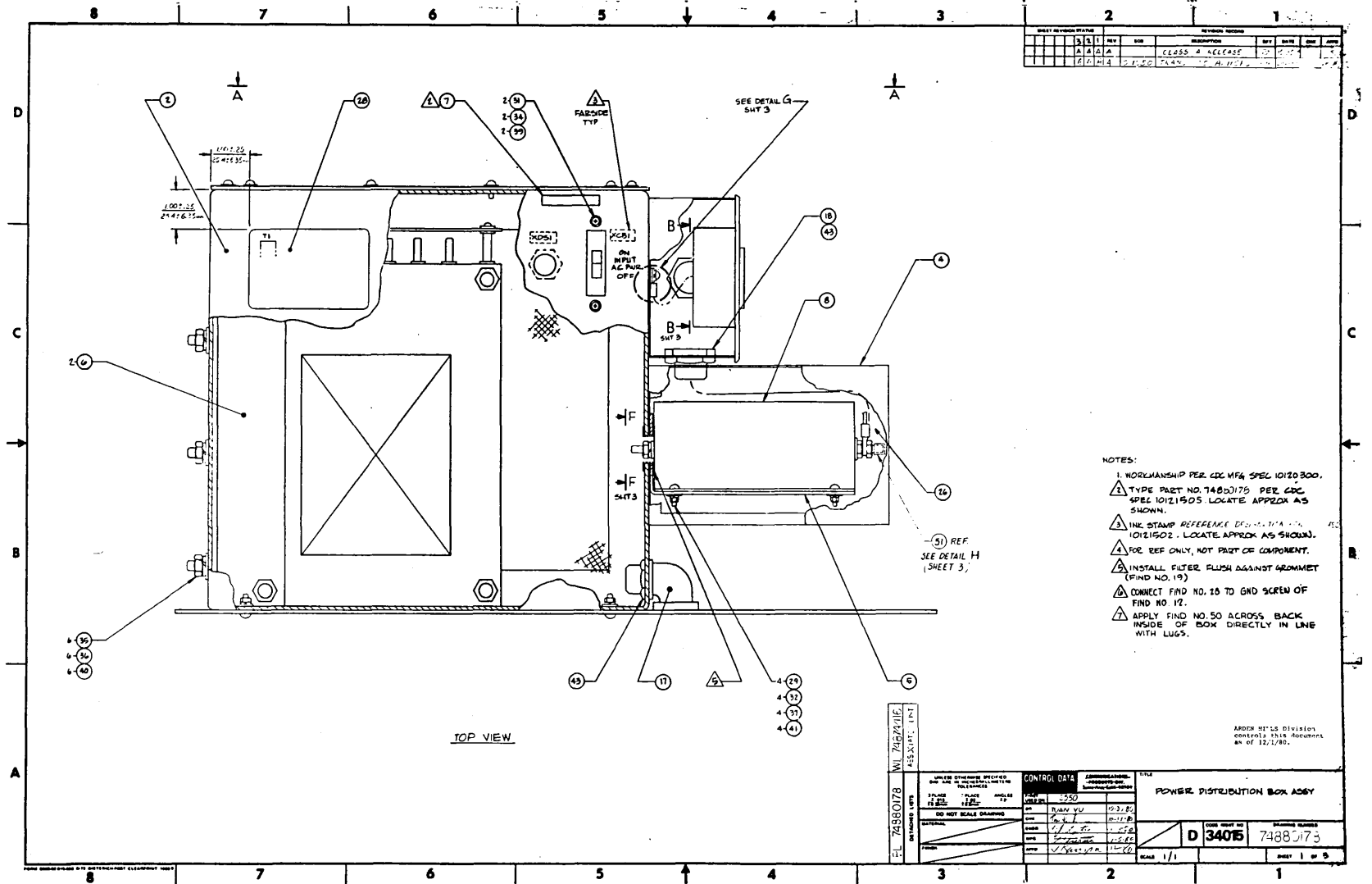
MF

| FIND NUMBER | DW #2 | PART NUMBER | QUANTITY | UNIT WEAR | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | OR N |
|-------------|-------|-------------|----------|-----------|---------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 2 | A | 10127113 | 400 | | SCR MACH PAN: PHL 6-32 | IN | | | PPP1 | | N |
| 8 | C | 73954300 | 100 | | NAME PLATE IDENTIFICATION SMAL | IN | | | PYP4 | | N |
| 7 | B | 74871358 | 400 | | BUMPER RUBBER | IN | | | | | N |
| 4 | A | 74871387 | 400 | | PC SPRING EJECTOR 1 4 TURN LOCK | IN | | | | | N |
| 5 | A | 74871388 | 400 | | PC WASHER WEAR FOR 1 4 TURN LOC | IN | | | | | N |
| 1 | | 74875198 | 100 | | PC CHASSIS CASSETTE TAPE | IN | | | | | N |
| 6 | | 93988002 | 400 | | PC RETAINER | IN | | | | | N |
| 3 | A | 95635712 | 400 | | PC FASTENER 1/4 TURN WING | IN | | | | | N |
| | | | | | NUMBER OF LINE ITEMS = 8 | | | | | | |
| | | | | | HIGHEST FIND NUMBER = 8 | | | | | | |

PROJECT ENGINEER

ARDEN HILLS

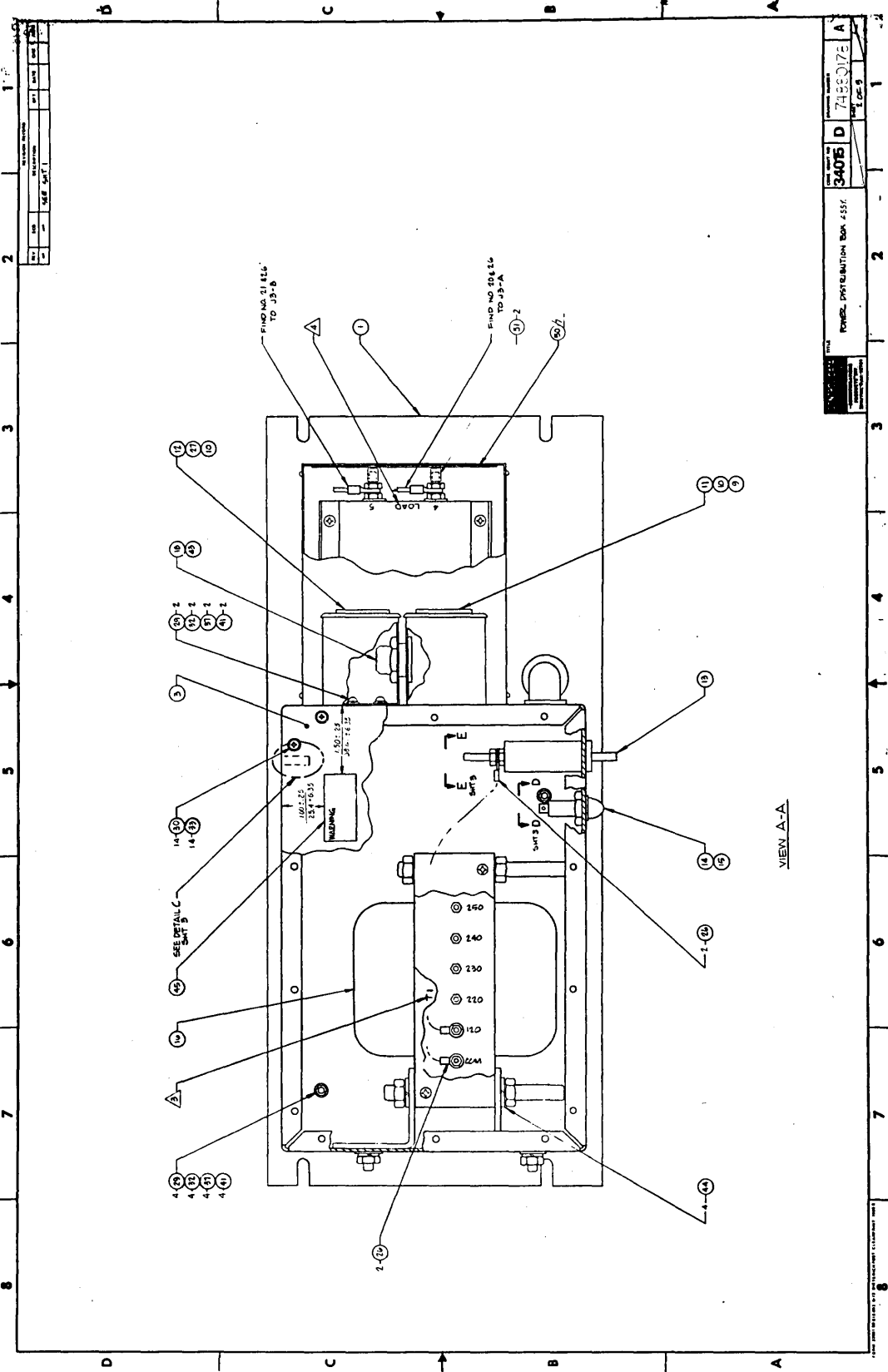
AA 2708 REV. 7-78



| SHEET REVISION TABLE | | REVISION RECORD | | | | | | |
|----------------------|----------|-----------------|------|-----------------|-----|------|----|------|
| NO. | DATE | BY | APP. | DESCRIPTION | NO. | DATE | BY | APP. |
| 1 | 11/11/80 | ... | ... | CLASS A RELEASE | | | | |
| 2 | 12/1/80 | ... | ... | CLASS A RELEASE | | | | |

- NOTES:
- 1. WORKMANSHIP PER CDC MFA SPEC 10120300.
 - △ TYPE PART NO. 74880175 PER CDC SPEC 10121505 LOCATE APPROX AS SHOWN.
 - △ THE STAMP REFERENCE DEPT. 111A PER 10121502 . LOCATE APPROX AS SHOWN.
 - △ FOR REF ONLY, NOT PART OF COMPONENT.
 - △ INSTALL FILTER FLUSH AGAINST GROMMET (FIND NO. 19)
 - △ CONNECT FIND NO. 28 TO GND SCREW OF FIND NO. 12.
 - △ APPLY FIND NO. 50 ACROSS BACK INSIDE OF BOX DIRECTLY IN LINE WITH LUGS.

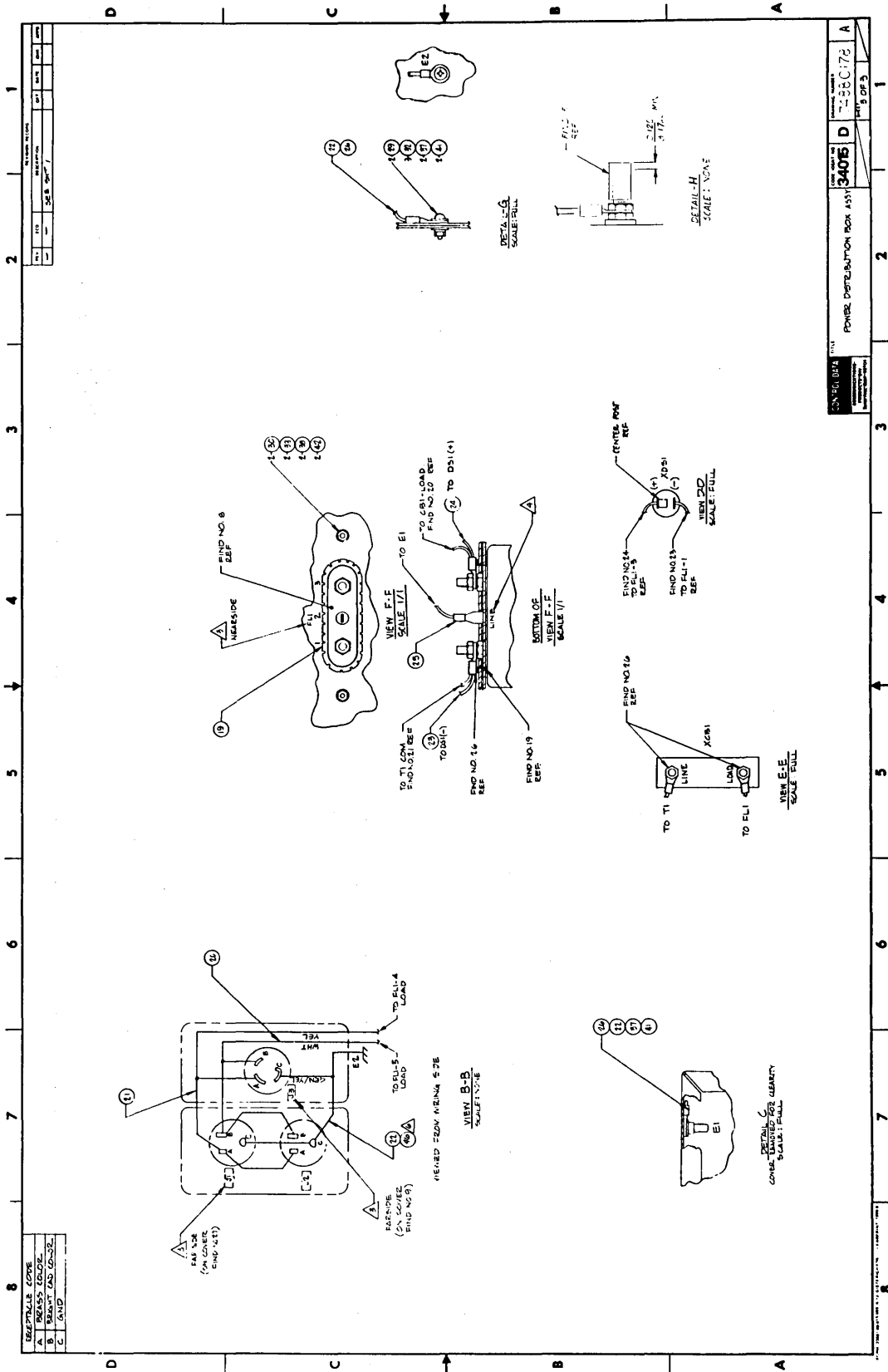
| | | | |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| EL 74880175 DRAWING UNIT W. L. ZIGMUND ASSISTANT, ENR | LOWER DIMENSION SPECIES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS FRACTIONS DO NOT SCALE DIMENSIONS | CONTROL DATA Part No. 550 Rev. 1 Date 11/11/80 Drawn by J. V. V. Checked by J. V. V. Title POWER DISTRIBUTION BOX ASBY | CODE UNIT NO. D 34015 DRAWING NUMBER 74880175 SCALE 1/1 SHEET 1 OF 3 |
| | APPROVED BY: _____ TITLE: _____ | | |



VIEW A-A

| REV. | DATE | BY | CHKD. | APP. |
|------|------|----|-------|------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |

PART NO. **34075 D** 74873975 A
 POWER DISTRIBUTION BOX ASSY.
 LOT 10-3



ASSEMBLY PARTS LIST

| 7488017A | A | A | D | POWER DISTRIBUTION BOX ASSY | 2550 | 11/07/80 | 11/07/80 | 1 / 2 | MF | |
|-----------------|-----|----|----|-----------------------------|---------------|-------------|--------------|--------------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CL | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | CHANGE ORD. NUMBER | PROCESSING DATE | PAGE NUMBER |

| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH | OR |
|-------------|----|-------------|----------|------|--------------------------------|---------------|--------------------|----------------|--------------------|----|----|
| 10 | C | 30866501 | 2.00 | PC | PCY ELECTRICAL-HANDY BOX | IN | | | PPP4 | N | N |
| 49 | A | 10125105 | 4.00 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP3 | N | N |
| 42 | A | 10125106 | 2.00 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP3 | N | N |
| 41 | A | 1012510A | 12.00 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP3 | N | N |
| 40 | A | 10125101 | 6.00 | PC | HEXAGON NUTS | IN | | | PPP3 | N | N |
| 34 | A | 10125605 | 2.00 | PC | PLAIN WASHERS | IN | | | PPP3 | N | N |
| 33 | A | 10125606 | 16.00 | PC | PLAIN WASHERS | IN | | | PPP3 | N | N |
| 32 | A | 10125607 | 13.00 | PC | PLAIN WASHER NO. 10 | IN | | | PPP3 | N | N |
| 35 | A | 1012560A | 6.00 | PC | PLAIN WASHERS | IN | | | PPP3 | N | N |
| 39 | A | 10125A03 | 2.00 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP3 | N | N |
| 38 | A | 10125A04 | 2.00 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP3 | N | N |
| 37 | A | 10125A05 | 12.00 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP3 | N | N |
| 36 | A | 10125A06 | 6.00 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP3 | N | N |
| 44 | A | 10125A08 | 4.00 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP3 | N | N |
| 31 | A | 10127113 | 2.00 | PC | SCR NACH PAN PHL 6-32 | IN | | | PPP3 | N | N |
| 30 | A | 10127122 | 16.00 | PC | SCR NACH PAN PHL 8-32 | IN | | | PPP3 | N | N |
| 29 | A | 10127147 | 12.00 | PC | SCR NACH PAN PHL 10-32 | IN | | | PPP3 | N | N |
| 26 | C | 24524A02 | 8.00 | PC | TERMINAL, LUG CRIMP-INSULATED | IN | | | PPP4 | N | N |
| 45 | C | 24547504 | 1.00 | PC | PLATE, WARNING | IN | | | PPP4 | N | N |
| 24 | C | 2454A305 | 12.00 | IN | WIPE,ELECT,24 GA,PVC,UL,YEL | IN | | | PPP3 | N | N |
| 23 | C | 2454A310 | 12.00 | IN | WIPE ELEC STRC INS. UL APPD | IN | | | PPP3 | N | N |
| 11 | A | 24556400 | 1.00 | PC | RECEPTACLE, DUPLEX POLARIZED | IN | | | PPP4 | N | N |
| 15 | A | 36142030 | 1.00 | PC | LAMP | IN | | | PPP4 | N | N |
| 27 | A | 38937331 | 1.00 | PC | BOX,ELEC ACCESS (COVER-DUPLEX) | IN | | | PPP4 | N | N |
| 9 | A | 38937310 | 1.00 | PC | BOX,ELEC ACCESS (COVER TW/LK) | IN | | | PPP4 | N | N |
| 18 | | 51605A04 | 2.00 | PC | CHASE NIPPLE .5IN | IN | | | PPP4 | N | N |
| 46 | | 51797135 | 1.00 | PC | LUG TERM #8 | IN | | | PPP4 | N | N |
| 51 | A | 51918A47 | 2.00 | PC | SPACER HEX NYLON 10-32 X.437 | IN | | | PPP4 | N | N |
| 16 | C | 53392000 | 1.00 | PC | TRANSFORMER 50HZ STEP DOWN | IN | | | PPP4 | N | N |
| 43 | | 56057A00 | 3.00 | PC | NUT .5IN CONDUIT LOCK | IN | | | PPP4 | N | N |
| 25 | A | 62121100 | 1.00 | PC | TERM, RCFT, FASTON 12-10GA YEL | IN | | | PPP4 | N | N |
| 7 | C | 73954300 | 1.00 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PPP4 | N | N |
| 3 | D | 74874012 | 1.00 | PC | PLATE TRANSFORMER COVER | IN | | | PPP4 | N | N |
| 4 | D | 74874013 | 1.00 | PC | BOX FILTER ENCLOSURE | IN | | | PPP4 | N | N |
| 1 | D | 74874018 | 1.00 | PC | PLATE BASE | IN | | | PPP4 | N | N |
| 47 | C | 74874340 | REF | PC | WIRING DIAGRAM PWR DISTRIBUTN | IN | | | PPP4 | N | N |

MASTER REV #00 MFG INFO

PRINTED IN U.S.A.

ASSEMBLY PARTS LIST

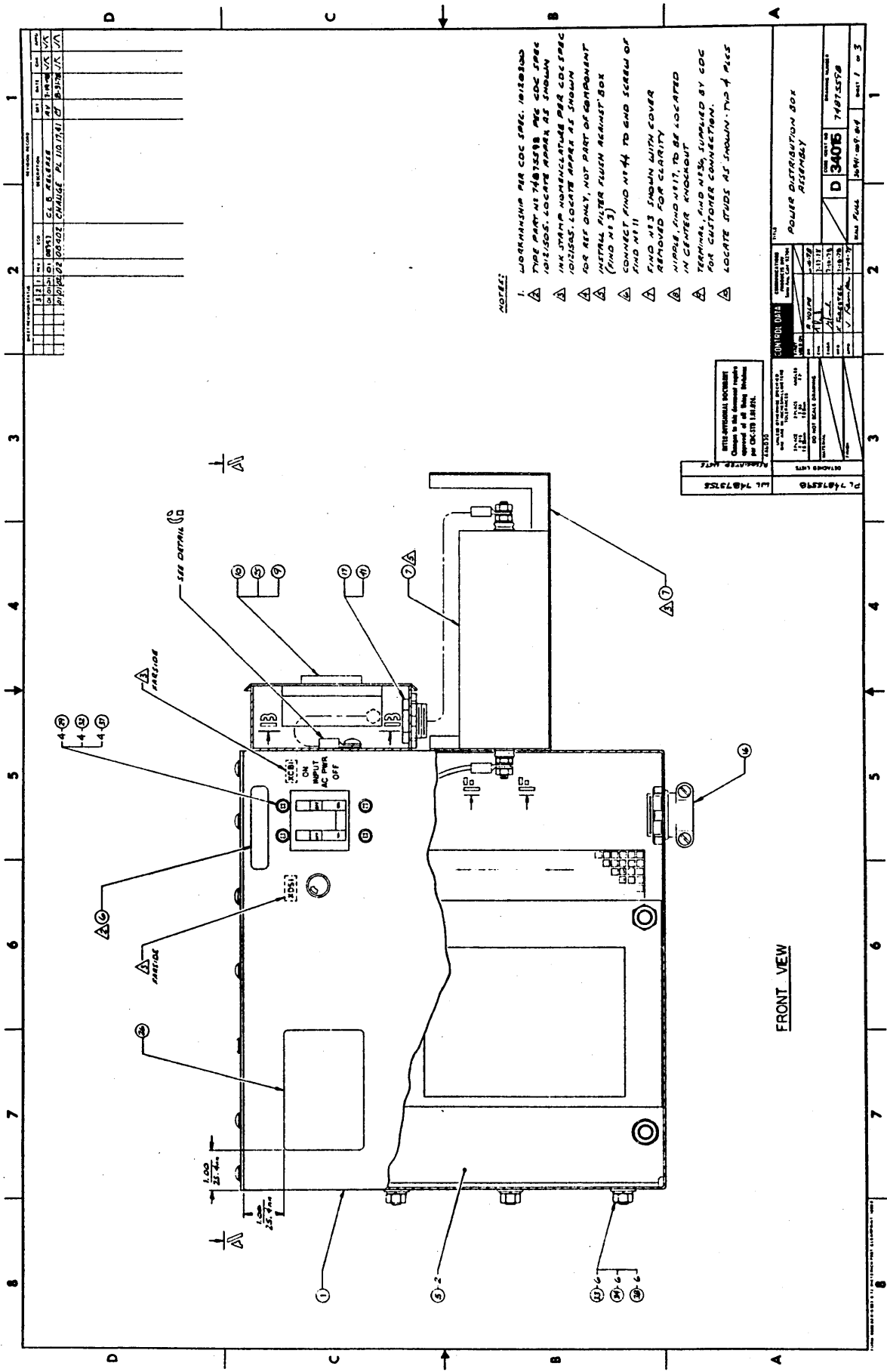
| 7488017B | A | A | D | POWER DISTRIBUTION BOX ASSY | 2550 | 11/07/80 | 11/07/80 | 2 / 2 | MF | |
|-----------------|-----|----|----|-----------------------------|---------------|-------------|--------------|--------------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CL | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | CHANGE ORD. NUMBER | PROCESSING DATE | PAGE NUMBER |

| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH | OR |
|-------------|----|-------------|----------|------|--------------------------------|---------------|--------------------|----------------|--------------------|----|----|
| 48 | A | 74874416 | REF | PC | WIPE LIST DIST BOX ASSY | IN | | | PPP4 | N | N |
| 19 | B | 74874423 | 6.00 | IN | BROMMETING EXTRUDED 187 WIDE | IN | | | PPP4 | N | N |
| 17 | A | 74874427 | 1.00 | PC | CONNECTOR CONDUIT 90 DEGREE EL | IN | | | PPP4 | N | N |
| 28 | C | 74874456 | 1.00 | PC | L3 WIRNG DIAG PWR DIST BOX | IN | | | PPP4 | N | N |
| 5 | C | 74875096 | 1.00 | PC | PLATE, FILTER MTG | IN | | | PPP4 | N | N |
| 8 | | 74875097 | 1.00 | PC | FILTER,16AMP PWR LINE,21091-2 | IN | | | PPP4 | N | N |
| 6 | C | 74875180 | 2.00 | PC | ANGLE BRACKET TRANSFORMER | IN | | | PPP4 | N | N |
| 2 | D | 74875195 | 1.00 | PC | ENCLOSURE, XFMR BOX | IN | | | PPP4 | N | N |
| 14 | A | 84769303 | 1.00 | PC | LIGHT, INDICATOR AMBER | IN | | | PPP4 | N | N |
| 22 | | 93509001 | 24.00 | IN | WIPE 12AWG GRN/YEL | IN | | | PPP3 | N | N |
| 20 | A | 93509444 | 24.00 | IN | WIPE ELECTRICAL 12 AWG -4 | IN | | | PPP3 | N | N |
| 21 | A | 93509990 | 24.00 | IN | WIPE ELECTRICAL 12 AWG -9 | IN | | | PPP3 | N | N |
| 50 | | 95116300 | 7.00 | IN | ELECTRICAL TAPE | IN | | | PPP3 | N | N |
| 13 | C | 97018604 | 1.00 | PC | CKT BRKR 20A AC | IN | | | PPP4 | N | N |
| 12 | | 97397201 | 1.00 | PC | OUTLET,PWR STR BLADE | IN | | | PPP4 | N | N |

NUMBER OF LINE ITEMS = 51
HIGHEST FIND NUMBER = 51

MASTER REV MFG INFO

PRINTED IN U.S.A.



NOTES:

- 1. WORKMANSHIP PER CDC SPEC. 10103030
- 2. THE PART NUMBERS PER CDC SPEC 10103030 LOCATE APPROPRIATE AS SHOWN IN THE DRAWING Nomenclature PER CDC SPEC 10103030 LOCATE APPROPRIATE AS SHOWN FOR REF ONLY, NOT PART OF COMPONENT (FIND N13)
- 3. METAL FILTER FLUSH AGAINST BOX (FIND N11)
- 4. CONNECT FWD N14 TO END SCREW OF FWD N11
- 5. FIND N13 SHOWN WITH COVER REMOVED FOR CLARITY
- 6. NIPPLE AND N11, TO BE LOCATED IN CENTER KNOCKOUT
- 7. TERMINAL AND N12, SUPPLIED BY CDC FOR CUSTOMER CONNECTION.
- 8. LOCATE STUDS AS SHOWN. TWO 4 PICS

REVISIONS

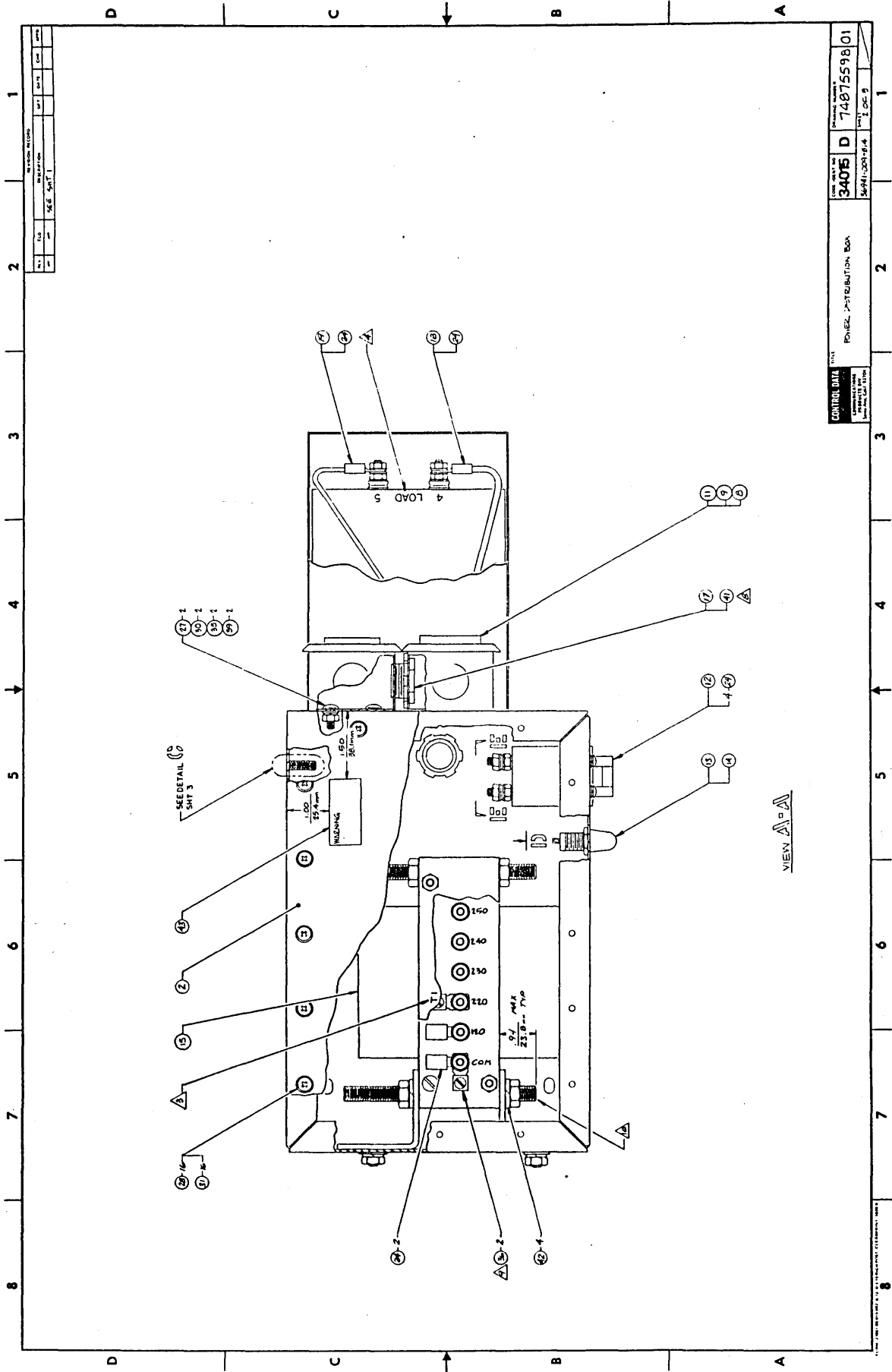
| NO. | DATE | DESCRIPTION |
|-----|----------|------------------------------------------------------------------------------|
| 1 | 11-11-64 | INITIAL DRAWING |
| 2 | 12-15-64 | CHANGE TO MEASUREMENTS APPROVED BY ALL DRAWING OFFICES PER CDC SPEC 10103030 |

| | | | |
|------------|----------|-------------|----------|
| UNIQUE QRF | | PART NUMBER | |
| QRF | 10103030 | PART NUMBER | 10103030 |
| REV | 1 | REV | 1 |
| DATE | 11-11-64 | DATE | 11-11-64 |
| BY | J. J. J. | BY | J. J. J. |
| CHECKED | J. J. J. | CHECKED | J. J. J. |
| APPROVED | J. J. J. | APPROVED | J. J. J. |

FRONT VIEW

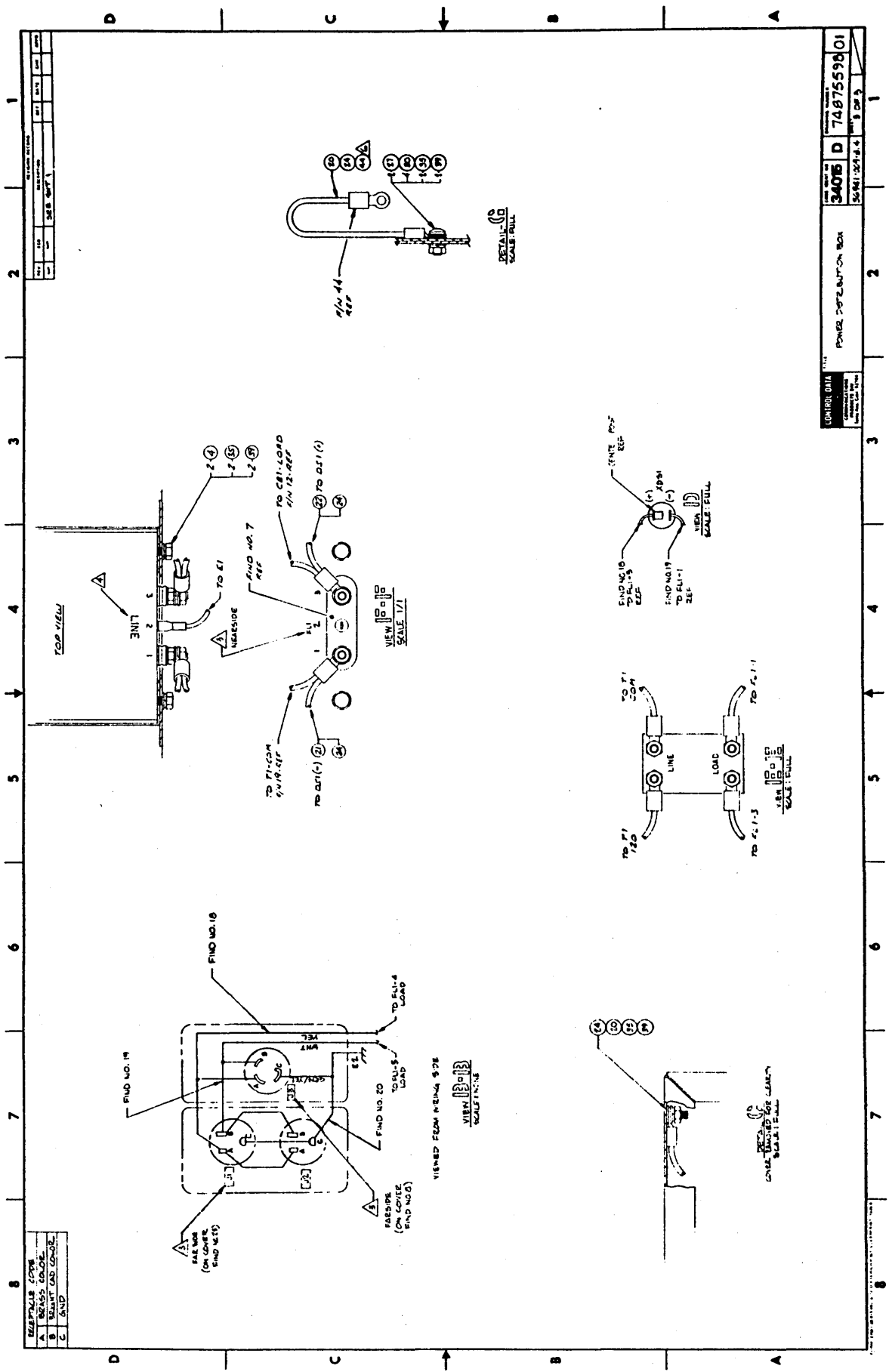
POWER DISTRIBUTION BOX ASSEMBLY

3405 7487378



| REVISION RECORD | | | |
|-----------------|------|-------------|----|
| NO. | DATE | DESCRIPTION | BY |
| 1 | | ISSUE | |

| | | | | |
|--------------|------|------------------------|----------|-------|
| CONTROL UNIT | TYPE | 34015 D | REV. NO. | 1 |
| PART NO. | | 74875598 | DATE | DEC 9 |
| DESCRIPTION | | PANEL DISTRIBUTION BOX | | |
| DRAWN BY | | S/M/L/001-P-4 | | |



| SIZE | SCALE | COPY | NO. | DATE | BY | CHK | APP |
|------|-------|------|-----|------|----|-----|-----|
| A | 1/8" | 1 | | | | | |
| B | 1/4" | 1 | | | | | |
| C | 1/2" | 1 | | | | | |
| D | 3/4" | 1 | | | | | |

| CONTROL DATA | NO. | DATE | BY | CHK | APP |
|--------------|-------------|------|----|-----|-----|
| 3405 D | 74875598 01 | | | | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74R7559A | 02 | CLB | 0 | POWER DISTRIBUTION BOX | DM | 2551 | 07/19/78 | 09/02/78 | 1 / 2 |
|-----------------|-----|-------|-------|------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY TYPE | PH NC | SH W |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|---------------|-------|------|
| 9 | C | 00886501 | 200 | PC | BOX ELECTRICAL-HANDY BOX | IN | | | PPP1 | N | N |
| 4 | A | 10125061 | 200 | PC | HEX HD MACH SCR 10-32 | IN | | | PPP1 | N | N |
| 39 | A | 10125108 | 700 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | N | N |
| 38 | A | 10125301 | 600 | PC | HEXAGON NUTS | IN | | | PPP1 | N | N |
| 32 | A | 10125605 | 400 | PC | PLAIN WASHERS | IN | | | PPP1 | N | N |
| 31 | A | 10125606 | 1600 | PC | PLAIN WASHERS | IN | | | PPP1 | N | N |
| 30 | A | 10125607 | 800 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | N | N |
| 33 | A | 10125608 | 600 | PC | PLAIN WASHERS | IN | | | PPP1 | N | N |
| 37 | A | 10125803 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 35 | A | 10125805 | 800 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 34 | A | 10125806 | 600 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 42 | A | 10125808 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 29 | A | 10127113 | 400 | PC | SCR MACH PAN PHL 6-32 | IN | | | PPP1 | N | N |
| 28 | A | 10127122 | 1600 | PC | SCR MACH PAN PHL 8-32 | IN | | | PPP1 | N | N |
| 27 | A | 10127143 | 400 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP1 | N | N |
| 36 | C | 134R7204 | 200 | PC | TERMINAL,PRESSURE SCREW | IN | | | PPP4 | N | N |
| 17 | C | 18939200 | 200 | PC | CONDUIT NIPPLE | IN | 008402 | 090178 | CAWA | N | N |
| 16 | C | 2451A105 | 100 | PC | CONN FLEX. CND AND CABLE | IN | | | PPP1 | N | N |
| 24 | C | 24524802 | 1000 | PC | TERMINAL, LUG CRIMP-INSULATED | IN | | | PPP1 | N | N |
| 43 | C | 24547504 | 100 | PC | PLATE, WARNING | IN | | | PPP1 | N | N |
| 22 | C | 24548305 | 1200 | IN | WIRE,ELECT,24 GA,PVC,UL,YEL | IN | | | PPD5 | N | N |
| 21 | C | 24548310 | 1200 | IN | WIRE,ELEC STRD INS, UL APPD | IN | | | PPD5 | N | N |
| 10 | C | 24556400 | 100 | PC | RECP TACLE, DUPLEX POLARIZED | IN | | | PPD4 | N | N |
| 41 | C | 24570101 | 200 | PC | LOCKNUT ELEC FITTING | IN | 008402 | 090178 | CAWA | N | N |
| 14 | A | 36142000 | 100 | PC | LAMP | IN | | | PPP4 | N | N |
| 12 | C | 38008201 | 100 | PC | CKT BREAKER 2 POLE 250V | IN | | | | N | N |
| 25 | A | 38937001 | 100 | PC | BOX,ELEC ACCFSS (COVER-DUPLEX) | IN | | | PPP4 | N | N |
| 8 | A | 38937010 | 100 | PC | BOX,ELEC ACCFSS (COVER TW/LK) | IN | | | PPP4 | N | N |
| 44 | A | 51797135 | 100 | PC | LUG TERM =R | IN | | | PPP4 | N | N |
| 15 | C | 53392000 | 100 | PC | TRANSFORMER 50HZ STEP DOWN | IN | | | PPP4 | N | N |
| 23 | A | 62121100 | 100 | PC | TERM, RCPT, FASTON 12-10GA YEL | IN | | | PPP4 | N | N |
| 6 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PYE4 | N | N |
| 5 | C | 74875180 | 200 | PC | ANGLE BRACKET TRANSFORMER | IN | | | PYE4 | N | N |
| 2 | D | 74875470 | 100 | PC | PLATE TRANSFORMER COVER | IN | | | PPE4 | N | N |
| 45 | C | 74875599 | OFF | PC | WIRING DIAGRAM-PWR DIST BOX | IN | | | RFE4 | N | N |
| 26 | C | 74875707 | 100 | PC | LABEL WIRING DIAGRAM | IN | | | PYP4 | N | N |

PROJECT ENGINEER ARDEN HILLS

AA 2708 REV. 7-78

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74R7559B | 02 | CLB | 0 | POWER DISTRIBUTION BOX | DM | 2551 | 07/19/78 | 09/02/78 | 2 / 2 |
|-----------------|-----|-------|-------|------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

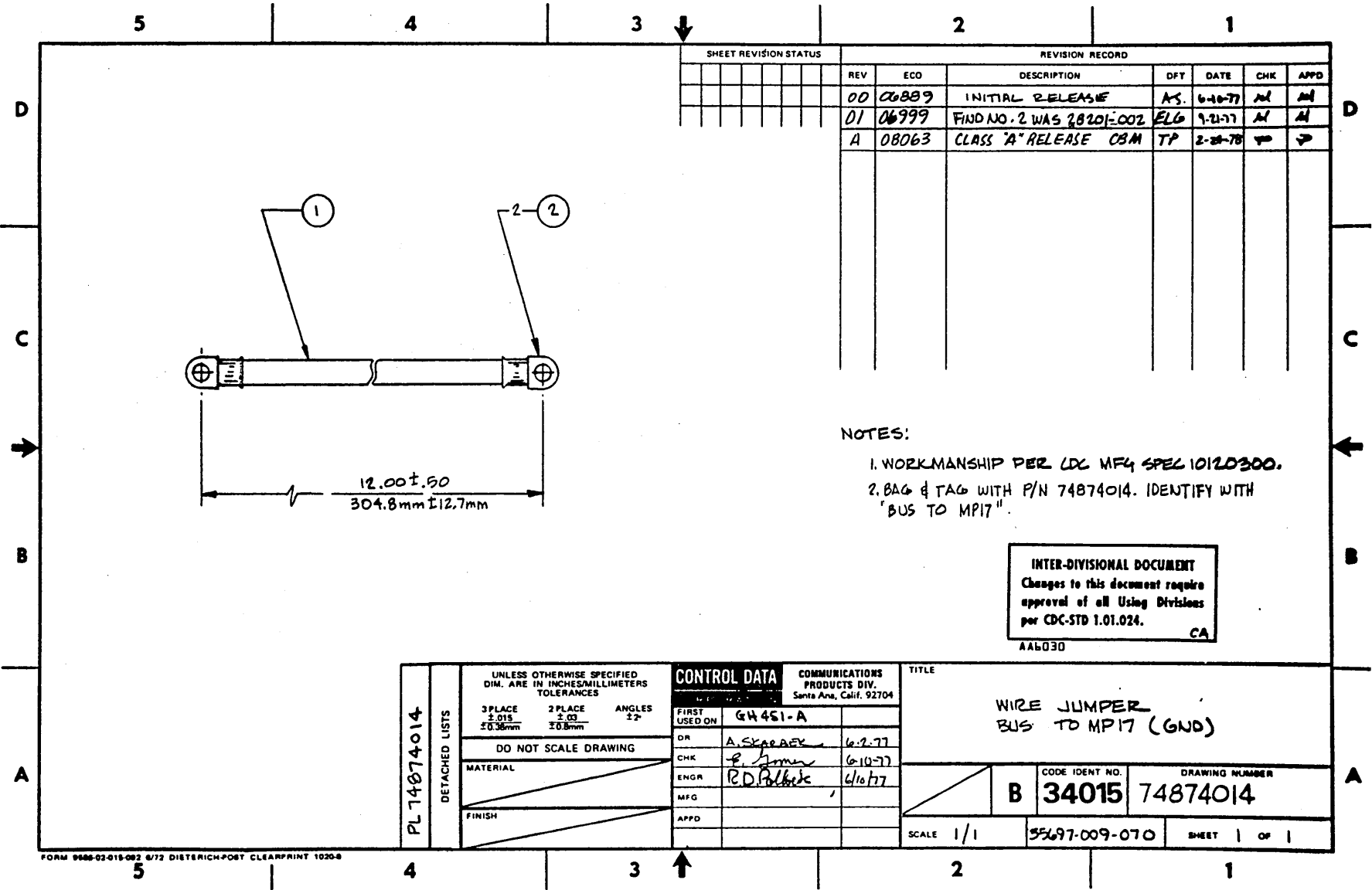
MF

| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY TYPE | PH NC | SH W |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|---------------|-------|------|
| 1 | D | 74R75750 | 100 | PC | ENCLOSURE TRANSFORMER BOX | IN | | | PYF4 | N | N |
| 46 | A | 74R75755 | OFF | PC | WIRE LIST DISTRIBUTION BOX ASY | IN | | | RFF4 | N | N |
| 3 | D | 74R76014 | 100 | PC | ENCLOSURE BOX FILTER | IN | | | PYF4 | N | N |
| 40 | A | 74R76122 | 100 | PC | FILTER RFI | IN | | | PPD4 | N | N |
| 13 | A | 84769303 | 100 | PC | LIGHT,INDICATOR AMBER | IN | | | PPD4 | N | N |
| 20 | A | 93509001 | 2400 | IN | WIRE 12AWG GRN/YEL | IN | | | PPD2 | N | N |
| 18 | A | 93509444 | 2400 | IN | WIRE ELECTRICAL 12 AWG -4 | IN | | | PPD2 | N | N |
| 19 | A | 93509999 | 2400 | IN | WIRE ELECTRICAL 12 AWG -9 | IN | | | PPD2 | N | N |
| 11 | A | 97397201 | 100 | PC | OUTLET,PWR STR BLADE | IN | | | PPD4 | N | N |

NUMBER OF LINE ITEMS = 45
HIGHEST FIND NUMBER = 46

PROJECT ENGINEER ARDEN HILLS

AA 2708 REV. 7-78



| SHEET REVISION STATUS | | | | | REVISION RECORD | | | | | |
|-----------------------|-------|--------------------------|-----|---------|-----------------|------|--|--|--|--|
| REV | ECO | DESCRIPTION | DFY | DATE | CHK | APPD | | | | |
| 00 | 00889 | INITIAL RELEASE | AS | 6-10-77 | M | M | | | | |
| 01 | 06999 | FIND NO. 2 WAS 28201-002 | ELG | 7-21-77 | M | M | | | | |
| A | 08063 | CLASS "A" RELEASE CBM TP | TP | 2-28-78 | M | M | | | | |

NOTES:
 1. WORKMANSHIP PER LDC MF4 SPEC 10120300.
 2. BAG & TAG WITH P/N 74874014. IDENTIFY WITH "BUS TO MP17".

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.
 CA
 AA6030

| | | | | | | | | |
|-------------|----------------------------------------------------------------------|---------------------------|---------------------|---------------|---------------------------------------------------------|--------------------------------------------------------------|----------------------------------|--|
| PL 74874014 | UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES/MILLIMETERS TOLERANCES | | CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | TITLE | |
| | 3 PLACE ±.015 ±0.38mm | 2 PLACE ±.03 ±0.8mm | ANGLES 2° | FIRST USED ON | G4451-A | | WIRE JUMPER BUS TO MP17 (GND) | |
| | DO NOT SCALE DRAWING | | | DR | A. Skarbeck 6-2-77 | | | |
| | MATERIAL | | | CHK | P. J. J. 6-10-77 | | | |
| | FINISH | | | ENGR | R.D. Pollock 6/10/77 | | | |
| | | | MFG | | | CODE IDENT NO. B 34015 DRAWING NUMBER 74874014 | | |
| | | | APPD | | | SCALE 1/1 35697-009-070 SHEET 1 OF 1 | | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|-----------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74874014 | A | CLA | B | WIRE JUMPER BUS TO MP17 GND | DM | 2551 | 02/27/78 | 02/27/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW SI | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

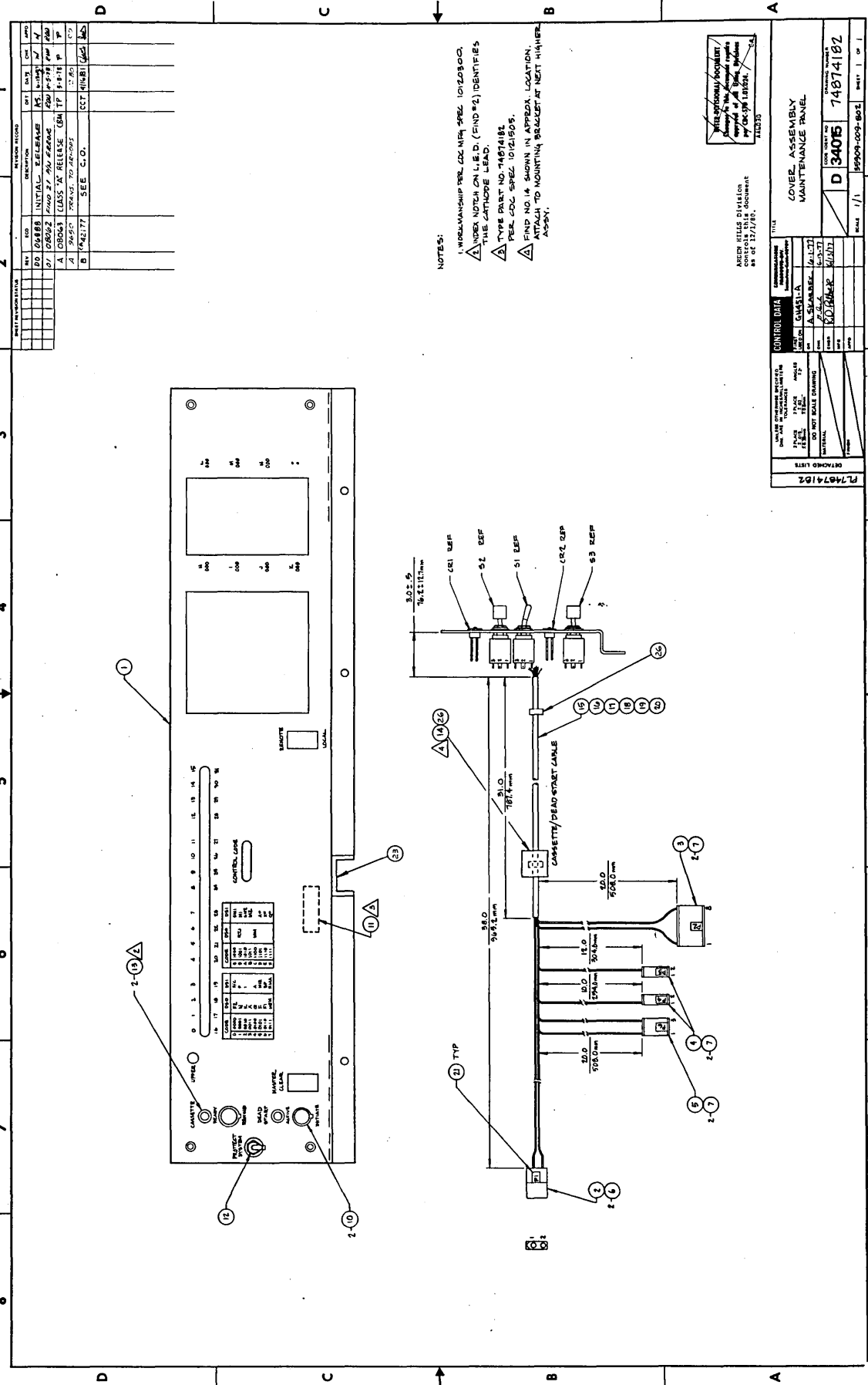
MF

| FIND NUMBER #1 | DW #2 | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | OR N |
|-----------------------------------------------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 1 | C | 53238303 | 1200 | IN | WIRE ELEC INSULATED EXTRA FLEX | IN | | | PPP3 | | N |
| 2 | A | 74874773 | 200 | PC | TERMINAL LUG 1 0 AWG 1 4 DIA | IN | | | | | N |
| NUMBER OF LINE ITEMS = 2 HIGHEST FIND NUMBER = 2 | | | | | | | | | | | |

PROJECT ENGINEER

ARDEN HILLS

AA 8708 REV. 7-78



NOTES:
 1. WORKMANSHIP PER DOC. NO. SPEC. 10121500.
 2. UNDER NOTCH ON L.E.D. (FIND #2) IDENTIFIES THE CATHODE LEAD.
 3. TYPE PART NO. 748741B1 PER DOC. SPEC. 10121500.
 4. FIND NO. 14 SHOWN IN APPEND. LOCATION. ATTACH TO MOUNTING BRACKET AT NEXT HIGHER ASSY.

Unauthorized Copying/
 Copying in the Uncontrolled Regions
 of this Drawing Prohibited
 110333

ARMED HILLS DIVISION
 DATE 12/17/88 DOCUMENT
 110333

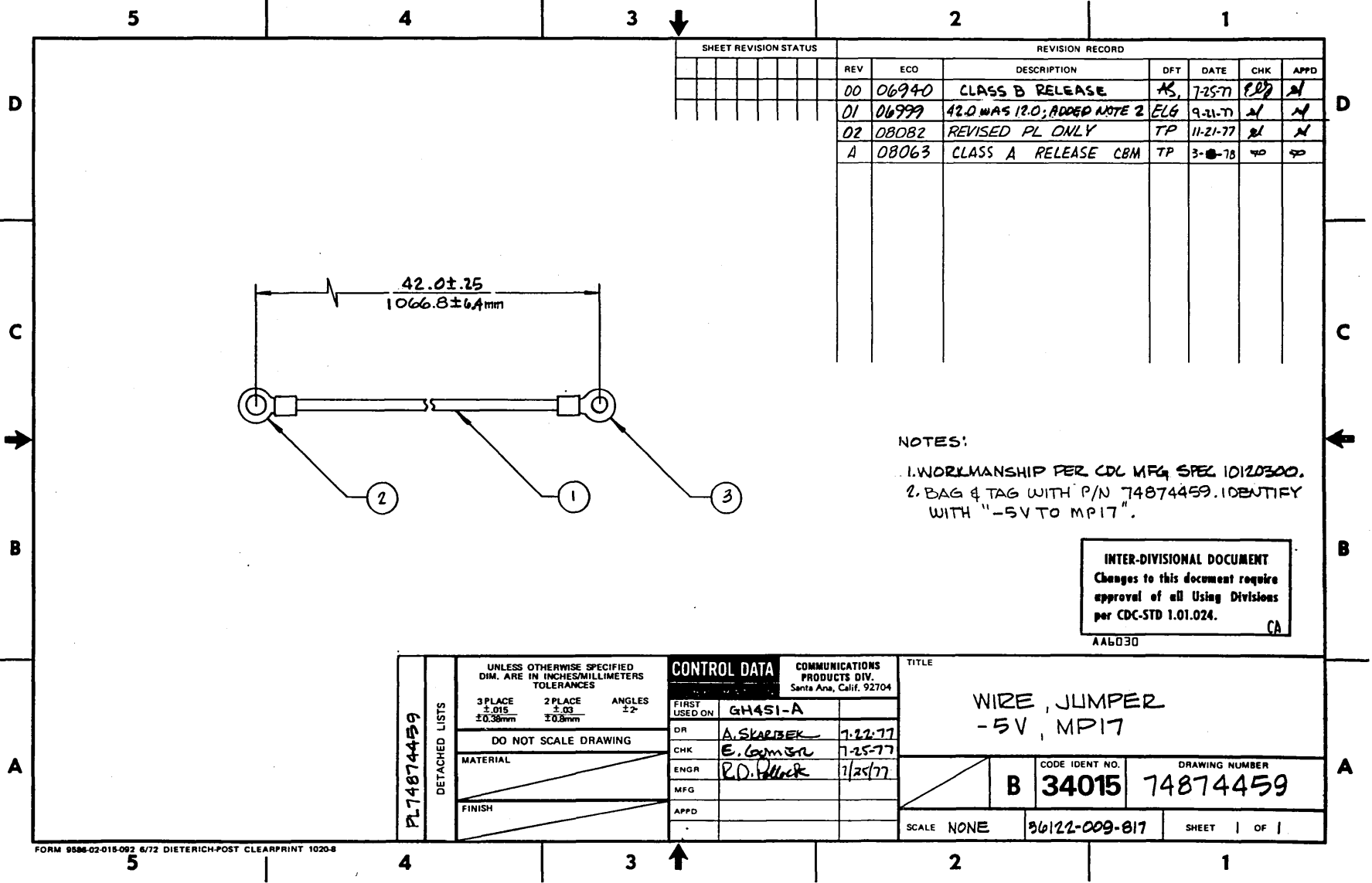
| CONTROL DATA | | TITLE | |
|--------------|----------|-------|----------|
| DATE | 12/17/88 | DATE | 12/17/88 |
| BY | WJL | DATE | 12/17/88 |
| CHKD | WJL | DATE | 12/17/88 |
| APP | WJL | DATE | 12/17/88 |
| REV | 1 | DATE | 12/17/88 |
| REV | 2 | DATE | 12/17/88 |
| REV | 3 | DATE | 12/17/88 |
| REV | 4 | DATE | 12/17/88 |
| REV | 5 | DATE | 12/17/88 |
| REV | 6 | DATE | 12/17/88 |
| REV | 7 | DATE | 12/17/88 |
| REV | 8 | DATE | 12/17/88 |
| REV | 9 | DATE | 12/17/88 |
| REV | 10 | DATE | 12/17/88 |
| REV | 11 | DATE | 12/17/88 |
| REV | 12 | DATE | 12/17/88 |
| REV | 13 | DATE | 12/17/88 |
| REV | 14 | DATE | 12/17/88 |
| REV | 15 | DATE | 12/17/88 |
| REV | 16 | DATE | 12/17/88 |
| REV | 17 | DATE | 12/17/88 |
| REV | 18 | DATE | 12/17/88 |
| REV | 19 | DATE | 12/17/88 |
| REV | 20 | DATE | 12/17/88 |
| REV | 21 | DATE | 12/17/88 |
| REV | 22 | DATE | 12/17/88 |
| REV | 23 | DATE | 12/17/88 |
| REV | 24 | DATE | 12/17/88 |
| REV | 25 | DATE | 12/17/88 |
| REV | 26 | DATE | 12/17/88 |
| REV | 27 | DATE | 12/17/88 |
| REV | 28 | DATE | 12/17/88 |
| REV | 29 | DATE | 12/17/88 |
| REV | 30 | DATE | 12/17/88 |
| REV | 31 | DATE | 12/17/88 |
| REV | 32 | DATE | 12/17/88 |
| REV | 33 | DATE | 12/17/88 |
| REV | 34 | DATE | 12/17/88 |
| REV | 35 | DATE | 12/17/88 |
| REV | 36 | DATE | 12/17/88 |
| REV | 37 | DATE | 12/17/88 |
| REV | 38 | DATE | 12/17/88 |
| REV | 39 | DATE | 12/17/88 |
| REV | 40 | DATE | 12/17/88 |
| REV | 41 | DATE | 12/17/88 |
| REV | 42 | DATE | 12/17/88 |
| REV | 43 | DATE | 12/17/88 |
| REV | 44 | DATE | 12/17/88 |
| REV | 45 | DATE | 12/17/88 |
| REV | 46 | DATE | 12/17/88 |
| REV | 47 | DATE | 12/17/88 |
| REV | 48 | DATE | 12/17/88 |
| REV | 49 | DATE | 12/17/88 |
| REV | 50 | DATE | 12/17/88 |
| REV | 51 | DATE | 12/17/88 |
| REV | 52 | DATE | 12/17/88 |
| REV | 53 | DATE | 12/17/88 |
| REV | 54 | DATE | 12/17/88 |
| REV | 55 | DATE | 12/17/88 |
| REV | 56 | DATE | 12/17/88 |
| REV | 57 | DATE | 12/17/88 |
| REV | 58 | DATE | 12/17/88 |
| REV | 59 | DATE | 12/17/88 |
| REV | 60 | DATE | 12/17/88 |
| REV | 61 | DATE | 12/17/88 |
| REV | 62 | DATE | 12/17/88 |
| REV | 63 | DATE | 12/17/88 |
| REV | 64 | DATE | 12/17/88 |
| REV | 65 | DATE | 12/17/88 |
| REV | 66 | DATE | 12/17/88 |
| REV | 67 | DATE | 12/17/88 |
| REV | 68 | DATE | 12/17/88 |
| REV | 69 | DATE | 12/17/88 |
| REV | 70 | DATE | 12/17/88 |
| REV | 71 | DATE | 12/17/88 |
| REV | 72 | DATE | 12/17/88 |
| REV | 73 | DATE | 12/17/88 |
| REV | 74 | DATE | 12/17/88 |
| REV | 75 | DATE | 12/17/88 |
| REV | 76 | DATE | 12/17/88 |
| REV | 77 | DATE | 12/17/88 |
| REV | 78 | DATE | 12/17/88 |
| REV | 79 | DATE | 12/17/88 |
| REV | 80 | DATE | 12/17/88 |
| REV | 81 | DATE | 12/17/88 |
| REV | 82 | DATE | 12/17/88 |
| REV | 83 | DATE | 12/17/88 |
| REV | 84 | DATE | 12/17/88 |
| REV | 85 | DATE | 12/17/88 |
| REV | 86 | DATE | 12/17/88 |
| REV | 87 | DATE | 12/17/88 |
| REV | 88 | DATE | 12/17/88 |
| REV | 89 | DATE | 12/17/88 |
| REV | 90 | DATE | 12/17/88 |
| REV | 91 | DATE | 12/17/88 |
| REV | 92 | DATE | 12/17/88 |
| REV | 93 | DATE | 12/17/88 |
| REV | 94 | DATE | 12/17/88 |
| REV | 95 | DATE | 12/17/88 |
| REV | 96 | DATE | 12/17/88 |
| REV | 97 | DATE | 12/17/88 |
| REV | 98 | DATE | 12/17/88 |
| REV | 99 | DATE | 12/17/88 |
| REV | 100 | DATE | 12/17/88 |

ASSEMBLY PARTS LIST

| 74874182 | B | A | D | COVER MAINT PNL MCS | CA | 2551 | C3/21/78 | 042177 | C4/01/81 | 1 / 1 | MF |
|-----------------|-----|----|----|----------------------|---------------|-----------|--------------|--------------------|------------------|-------------|----|
| ASSEMBLY NUMBER | REV | CL | OW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USE | RELEASE DATE | CHANGE ORD. NUMBER | PROGRESSING DATE | PAGE NUMBER | |

| FIND NUMBER | REV | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | NAME/REV PART TYPE | PH | ON | N |
|-------------|-----|-------------|----------|------------|----------------------------------|---------------|--------------------|----------------|--------------------|----|----|---|
| 23 | A | 00845501 | 3.00 | PC | GROMMET, CATERPILLAR | IN | 042177 | 071781 | PPP1 | N | | N |
| 22 | C | 17605947 | 108.00 | IN | WIRE ELEC TW PR 1/4 LAY WHT/BK | IN | | | PPP2 | N | | N |
| 26 | C | 17620300 | 2.00 | PC | STRAP CABLE ADJUSTABLE | IN | 042177 | 012282 | PPP1 | N | | N |
| 24 | C | 24528612 | 5.00 | IN | INS, SLV, ELEC-BULK | IN | 042177 | 012282 | PPP1 | N | | N |
| 20 | C | 24528635 | 31.00 | TN | INS SLEEVING, FLEC-BULK | IN | C42177 | 012282 | PPP1 | N | | N |
| 15 | C | 24548301 | 108.00 | IN | WIRE, ELECT, 24 GA, PVC, UL, BLK | IN | | | PPP2 | N | | N |
| 17 | C | 24548303 | 19.00 | IN | WIRE, ELECT, 24 GA, PVC, UL, RED | IN | | | PPP2 | N | | N |
| 18 | C | 24548306 | 72.00 | IN | WIRE, ELECT, 24 GA, PVC, UL, GRN | IN | | | PPP2 | N | | N |
| 19 | C | 24548308 | 42.00 | IN | WIRE ELEC STRD INS. UL APPD | IN | | | PPP2 | N | | N |
| 16 | C | 24548310 | 150.00 | IN | WIRE ELEC STRD INS. UL APPD | IN | | | PPP2 | N | | N |
| 25 | C | 24552330 | 5.00 | PC | INS SLEV. 5/8 LG 15 AWG CLEAR | IN | 042177 | 012282 | PPP1 | N | | N |
| 2 | A | 51837200 | 1.00 | PC | CONNECTOR SHELL | IN | | | PPP4 | N | | N |
| 6 | A | 51863700 | 2.00 | PC | TERMINAL CRIMP TYPE MALE | IN | | | PPP4 | N | | N |
| 20 | A | 51880428 | 48.00 | IN | SLEEVING SIZE 1 BLACK | OUT | 042177 | 012282 | PPP4 | N | | N |
| 14 | C | 52713001 | 1.00 | PC | PLATE, CABLE TIE MOUNTING | IN | 042177 | 012282 | PPP4 | N | | N |
| 13 | C | 62017600 | 2.00 | PC | LIGHT EMITTING DIODE | IN | | | PPP4 | N | | N |
| 11 | C | 73954300 | 1.00 | PC | NAME PLATE IDENTIFICATION SPAL | IN | | | KTP4 | N | | N |
| 7 | A | 74718400 | 6.00 | PC | CONTACT | OUT | 042177 | 012282 | PPP4 | N | | N |
| 7 | A | 74718400 | 9.00 | PC | CONTACT | IN | C42177 | 012282 | PPP4 | N | | N |
| 5 | A | 74718500 | 1.00 | PC | CONN HOUSING 3 CAVITY | IN | | | PPE4 | N | | N |
| 4 | A | 74718501 | 2.00 | PC | CONN HOUSING 2 CAVITY | IN | | | PPP4 | N | | N |
| 3 | A | 74718504 | 1.00 | PC | CONN HOUSING 8 CAVITY | IN | | | PPP4 | N | | N |
| 21 | C | 74789500 | 1.00 | PC | LABEL CONNECTOR DESIGNATION | IN | | | PYP4 | N | | N |
| 14 | A | 74870916 | 1.00 | PC | PAD CABLE TIE MOUNTING | OUT | 042177 | 012282 | PPE4 | N | | N |
| 12 | A | 74872299 | 1.00 | PC | SWITCH LOCKING 1 POLE | IN | | | PPP5 | N | | N |
| 8 | A | 74874183 | REF | PC | WL COVER AY MAINTENANCE PNL | IN | | | RFE4 | N | | N |
| 1 | D | 74874270 | 1.00 | PC | COVER SILKSCREENED MAINT PANEL | IN | | | PYE4 | N | | N |
| 10 | A | 94343501 | 2.00 | PC | SWITCH PLSH BUTTON | IN | | | PPP4 | N | | N |

NUMBER OF LINE ITEMS = 28
 HIGHEST FIND NUMBER = 26



| SHEET REVISION STATUS | | REVISION RECORD | | | | | |
|-----------------------|-------|-----------------------------|-----|----------|-----|------|--|
| REV | ECO | DESCRIPTION | DFT | DATE | CHK | APPD | |
| 00 | 06940 | CLASS B RELEASE | AS | 7-25-77 | EDP | M | |
| 01 | 06999 | 42.0 WAS 12.0; ADDED NOTE 2 | ELG | 9-21-77 | M | M | |
| 02 | 08082 | REVISED PL ONLY | TP | 11-21-77 | M | M | |
| A | 08063 | CLASS A RELEASE CBM | TP | 3-8-78 | W | W | |

NOTES:
 1. WORKMANSHIP PER CDC MFG SPEC 10120300.
 2. BAG & TAG WITH P/N 74874459. IDENTIFY WITH "-5V TO MP17".

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.
 CA

| | | | | | | | | |
|------------|----------------------------------------------------------------------|---------------------------|--------------|-------------------|---------------------------------------------------------|---------------|--------------------------|----------------|
| PL74874459 | UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES/MILLIMETERS TOLERANCES | | CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | TITLE | |
| | 3 PLACE ±.015 ±0.38mm | 2 PLACE ±.03 ±0.3mm | ANGLES 2° | FIRST USED ON | GH451-A | | WIRE JUMPER -5V, MP17 | |
| | DO NOT SCALE DRAWING | | | DR | A. SKARBER 7-22-77 | | CODE IDENT NO. | DRAWING NUMBER |
| | MATERIAL | | | CHK | E. GORMAN 7-25-77 | | B 34015 | 74874459 |
| FINISH | | | ENGR | R.D. HICK 7/25/77 | | SCALE | NONE | |
| | | | MFG | | | 96122-009-817 | SHEET 1 OF 1 | |
| | | | APPD | | | | | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| 74874459 | A | CLA | B | WIRE JUMPER 5V MP17 | DM | 2551 | 03/04/78 | 03/04/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW BS | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

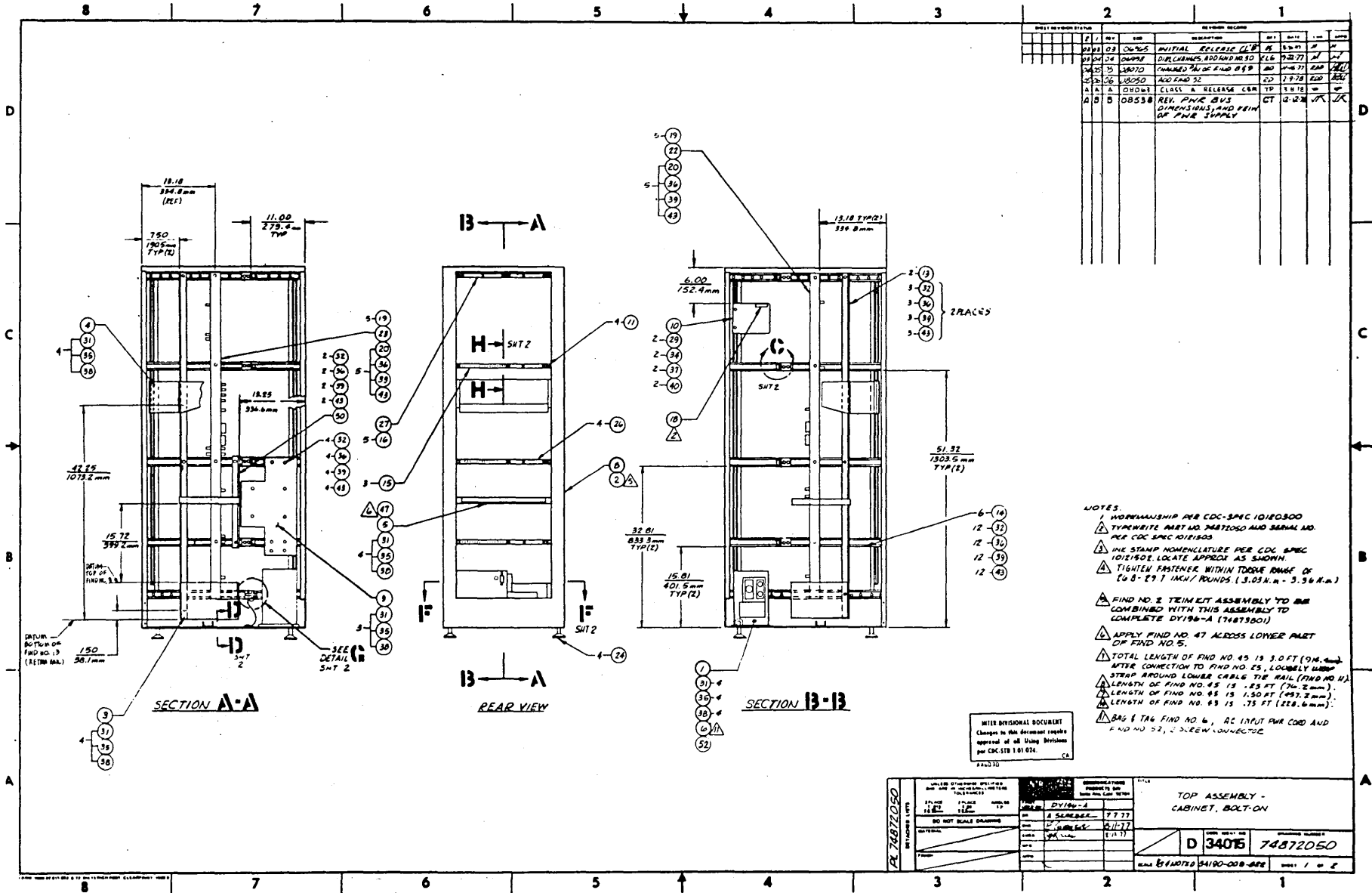
| FIND NUMBER | DW BS | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PU MC | OR N |
|-------------|-------|-------------|----------|------------|-------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 1 | A | 93508777 | 4200 | IN | WIRE ELETRICAL 14 AWG -7 | IN | | | PPP1 | | N |
| 3 | | 95867013 | 100 | PC | RING TERM 14-16AWG NO 5 OR 6 | IN | | | | | N |
| 2 | | 95867014 | 100 | PC | RING TERM 14-16AWG NO 8 OR 10 | IN | | | | | N |

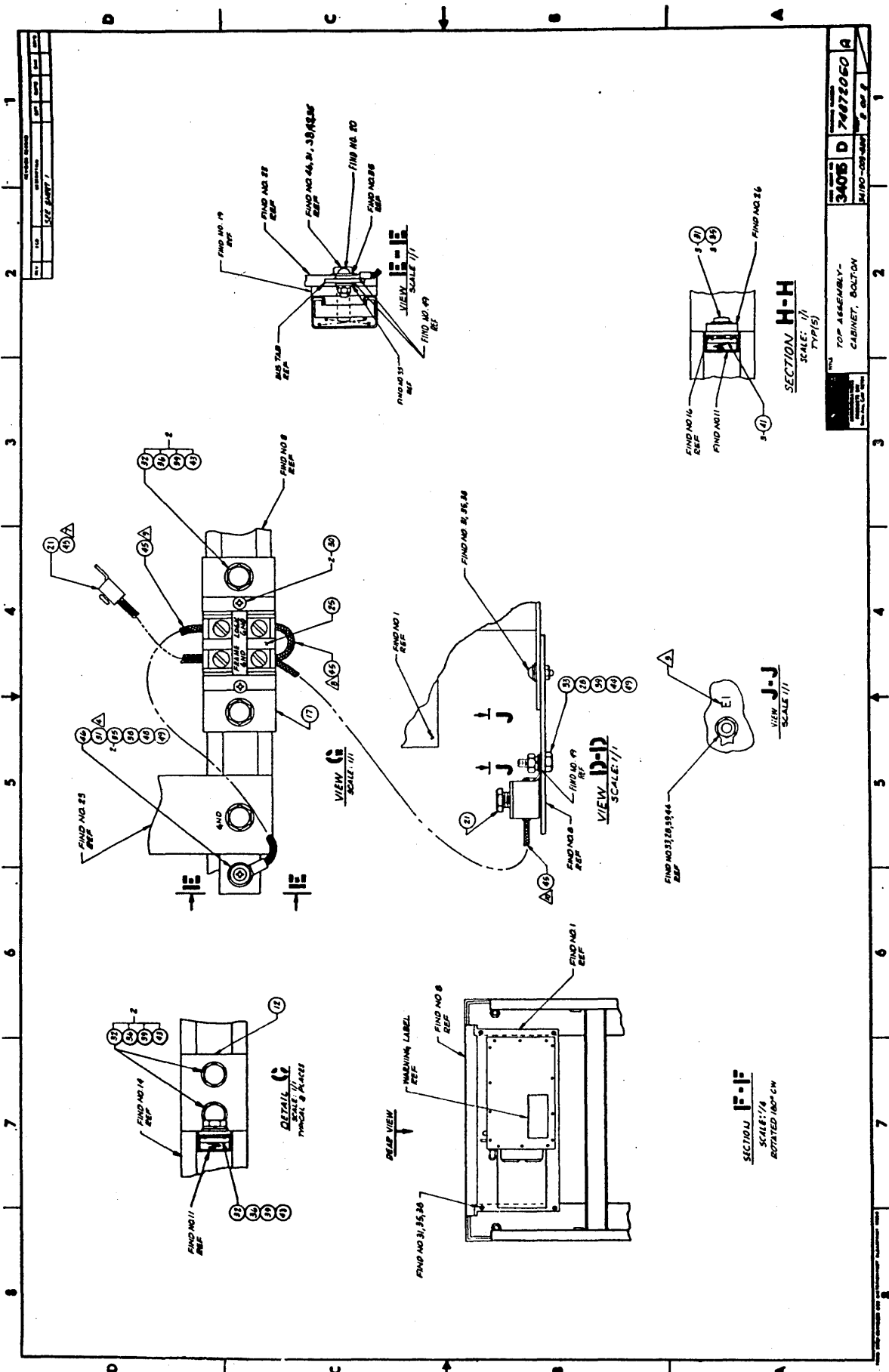
NUMBER OF LINE ITEMS = 3
HIGHEST FIND NUMBER = 3

PROJECT ENGINEER

ARDEN HILLS

AA 2709 REV. 7-78





| | | | | |
|---------------------------------|------|----|------|-------|
| REV | DATE | BY | CHKD | APP'D |
| 1 | | | | |
| SEE PART 1 | | | | |
| 34016 D 74872050 A | | | | |
| TOP ASSEMBLY - CABINET, BOLT-ON | | | | |
| REVNO-001-001 | | | | |

ASSEMBLY PARTS LIST

| 74872050 | C | A | D | CABINET BOLT ON | CA | 2551 | 03/22/78 | 042241 | 05/19/81 | 1 / 2 | MF |
|-----------------|-----|----|----|----------------------|---------------|-------------|--------------|--------------------|-----------------|-------------|----|
| ASSEMBLY NUMBER | REV | CL | OR | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | CHANGE ORD. NUMBER | PROCESSING DATE | PAGE NUMBER | |

| FIND NUMBER | REV | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MARK/REV PART TYPE | PH | OR | NC |
|-------------|-----|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|----|----|----|
| 48 | A | 10125108 | 1.00 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | | N |
| 44 | A | 10125301 | 1.00 | PC | HEXAGON NUTS | IN | 008658 | 082379 | PPP1 | | | N |
| 34 | A | 10125606 | 2.00 | FC | PLAIN WASHERS | IN | | | PPP1 | | | N |
| 35 | A | 10125607 | 36.00 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | | N |
| 37 | A | 10125804 | 2.00 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | | N |
| 38 | A | 10125805 | 20.00 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | | N |
| 39 | A | 10125806 | 60.00 | PC | SPRING LOCK WASHERS (MED.) | IN | 008658 | 082379 | PPP1 | | | N |
| 28 | A | 10126404 | 2.00 | PC | EXTERNAL TOOTH LOCK WASHERS | IN | 008658 | 082379 | PPP1 | | | N |
| 32 | A | 10126500 | 50.00 | FC | PLAIN HEX HC CAP SCR 1/4-20 | IN | | | PPP1 | | | N |
| 20 | A | 10126502 | 11.00 | PC | PLAIN HEX HD CAP SCR 1/4-20 | IN | 008658 | 082379 | PPP1 | | | N |
| 29 | A | 10127123 | 2.00 | FC | SCR MACH FAN PHL 8-32 | IN | | | PPP1 | | | N |
| 30 | A | 10127125 | 2.00 | PC | SCR MACH FAN PHL 8-32 | IN | | | PPP1 | | | N |
| 31 | A | 10127143 | 35.00 | PC | SCR MACH FAN PHL 10-32 | IN | | | PPP1 | | | N |
| 21 | C | 13487201 | 2.00 | PC | TERMINAL FRESSURE SCREW | IN | | | PPP4 | | | N |
| 52 | C | 24518102 | 1.00 | FC | CONN FLEX. CND AND CABLE | IN | | | PPP1 | | | N |
| 45 | C | 24534811 | 66.00 | IN | SHIELD ELECT BRAIDED-BULK | IN | | | PPP2 | | | N |
| 40 | A | 39005400 | 2.00 | PC | NUT W/SPRING 8-32 | IN | | | PPP4 | | | N |
| 41 | A | 39005401 | 15.00 | PC | NUT W/SPRING 10-32 | IN | | | PPP4 | | | N |
| 42 | A | 39005403 | 8.00 | PC | NUT W/SPRING 1/4-20 | IN | | | PPP4 | | | N |
| 43 | A | 39005406 | 60.00 | PC | NUT W/SPRING 1/4-20 | IN | | | PPP4 | | | N |
| 25 | C | 53714400 | 1.00 | PC | TERMINAL BLCK, GROUNDING | IN | | | PPP4 | | | N |
| 18 | C | 73954300 | 1.00 | FC | NAME PLATE IDENTIFICATION SMAL | IN | | | KTM4 | | | N |
| 5 | C | 74481100 | 1.00 | PC | AIR DUCT LOOP MUX CARD CAGE | IN | | | AYM4 | | | N |
| 12 | C | 74572200 | 8.00 | PC | BRACKET RAIL MTG CABLE SUPPORT | IN | | | PPE4 | | | N |
| 10 | C | 74573900 | 1.00 | FC | PANEL MTG EQUIP ID NAMEPLATE | IN | | | PPE4 | | | N |
| 17 | C | 74634400 | 1.00 | PC | BRACKET TERMINAL BLOCK | IN | | | PYE4 | | | N |
| 13 | C | 74637800 | 2.00 | FC | ANGLE PANEL MTG 68.25 IN HIGH | IN | | | PPE4 | | | N |
| 50 | C | 74637802 | 1.00 | FC | ANGLE PANEL MTG 19.25 IN HIGH | IN | | | PPE4 | | | N |
| 16 | C | 74650700 | 5.00 | FC | PLATE MOUNTING CABLE TIE | IN | | | FPE4 | | | N |
| 26 | B | 74870919 | 4.00 | PC | PLATE MULTIPLE TIE 5 BUNDLE | IN | | | PPE4 | | | N |
| 27 | B | 74870920 | 1.00 | PC | PLATE MULTIPLE TIE 6 BUNDLE | IN | | | PPE4 | | | N |
| 14 | C | 74871588 | 6.00 | FC | CHANNEL UNISTRUT | IN | | | PPE4 | | | N |
| 15 | C | 74872274 | 3.00 | FC | PLATE GND CABLE MTG | IN | | | PYE4 | | | N |
| 4 | C | 74873459 | 1.00 | PC | ENCLOSURE AY AIR INTAKE PROC | IN | | | AYM4 | | | N |
| 3 | C | 74873659 | 1.00 | FC | BLCHER AY LOOP MUX | IN | | | AYM4 | | | N |
| 2 | C | 74874007 | 1.00 | FC | XPANS SINGLE BAY BOLT ON | IN | | | AYM4 | | | N |

ARDEN HILLS MFG INFO

PRINTED IN U.S.A.

ASSEMBLY PARTS LIST

| 74872050 | C | A | D | CABINET BOLT ON | CA | 2551 | 03/22/78 | 042241 | 05/19/81 | 2 / 2 | MF |
|-----------------|-----|----|----|----------------------|---------------|-------------|--------------|--------------------|-----------------|-------------|----|
| ASSEMBLY NUMBER | REV | CL | OR | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | CHANGE ORD. NUMBER | PROCESSING DATE | PAGE NUMBER | |

| FIND NUMBER | REV | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MARK/REV PART TYPE | PH | OR | NC |
|-------------|-----|-------------|----------|------------|-----------------------------|---------------|--------------------|----------------|--------------------|----|----|----|
| 1 | D | 74874010 | 1.00 | PC | POWER DISTRIBUTION BOX ASSY | OUT | 042241 | 051981 | AYM4 | | | N |
| 11 | C | 74874145 | 4.00 | PC | SUPPORT RAIL CABLE | IN | | | PPE4 | | | N |
| 23 | D | 74874160 | 1.00 | PC | BUSS PWR 4 LAYEP | IN | | | PPE4 | | | N |
| 22 | D | 74874161 | 1.00 | PC | BUSS PWR 2 LAYEP | IN | | | PPE4 | | | N |
| 19 | B | 74874504 | 10.00 | PC | INSULATOR | IN | | | PPE4 | | | N |
| 6 | B | 74874521 | 1.00 | PC | CABLE AY AC PWR INPUT | IN | | | AYM4 | | | N |
| 8 | C | 74875182 | 1.00 | PC | FRAME ASSEMBLY EXTENDED | IN | | | PYE4 | | | N |
| 9 | C | 74875202 | 1.00 | PC | BRACKET PWR SUPPLY MOUNTING | IN | | | PYE4 | | | N |
| 1 | D | 74880178 | 1.00 | PC | POWER DISTRIBUTION BOX ASSY | IN | 042241 | 051981 | AYM4 | | | N |
| 24 | A | 84721700 | 4.00 | PC | LEVELING PAC | IN | | | FPP4 | | | N |
| 36 | | 93212010 | 60.00 | FC | WASHER FLAT 1/4 | IN | | | PPP4 | | | N |
| 47 | | 95116300 | 36.00 | IN | ELECTRICAL TAPE | IN | | | PPP4 | | | N |
| 46 | | 95866937 | 1.00 | PC | TERMINAL RING 10 | IN | | | FPP3 | | | N |

NUMBER OF LINE ITEMS = 49
HIGHEST FIND NUMBER = 52

ARDEN HILLS MFG INFO

PRINTED IN U.S.A.

| | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|--------------|---------------------------------------------------------|-----------------------------------|-----------------------------------|----------------|--------------|--------|
| DWN | E. Com Ee | 8-18-77 | CONTROL DATA | TITLE | SUPPLEMENTAL LIST FOR DY 196-A | | PREFIX | DOCUMENT NO. | REV |
| CHGD | st | 9-1-77 | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Ca. 92704 | | | | 74874558 | B |
| ENG | st/B B | 8-77 | | FIRST USED ON | DY 196-A | 36176-009-817 | | SHEET | 1 OF 1 |
| MFG | | | CODE IDENT | | | | | | |
| APPR | | | 34015 | | | | | | |
| SHEET REVISION STATUS | | | | | REVISION RECORD | | | | |
| | | | | REV | ECO | DESCRIPTION | DRFT | DATE | APP |
| | | | | 01 | 06965 | INITIAL REL - CL 'B' | ELG | 7-1-77 | PH |
| | | | | 02 | 06998 | DELETED FIN; NO. 244 | ELG | 9-13-77 | PH |
| | | | | A | 08063 | CL. A RELEASE CBM | TP | 3-10-78 | PH |
| | | | | B | 08627 | DELETE PROC. MTG. BRKT & HARDWARE | L.D. | 2-22-79 | JK |
| <p style="text-align: center;">INTER-DIVISIONAL DOCUMENT</p> <p>Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.</p> <p style="text-align: right;">CA</p> | | | | | | | | | |
| | | | | | | | | | |
| AA6030 | | | | | | | | | |
| NOTES: 1. SEE INSTALLATION INSTRUCTIONS 74874556 (36173-080-817) | | | | | | | | | |
| | | | | | | | PL 74874558 | | |
| | | | | | | | DETACHED LISTS | | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74874558 | B | CLA | A | SUPP LIST FOR DY ₁₉₆ A | DM | 2551 | 03/25/78 | 02/28/79 | 1 / 2 |
|-----------------|-----|-------|----|-----------------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/SUB PART TYPE | PH | SH | NC |
|-------------|----|-------------|----------|------------|---------------------------------|---------------|--------------------|----------------|--------------------|----|----|----|
| 27 | A | 10125106 | 200 | PC | HEXAGON MACHINE SCREW NUTS | IN | 008627 | 022679 | PPP4 | | | N |
| 45 | A | 10125301 | 600 | PC | HEXAGON NUTS | IN | | | PPP1 | | | N |
| 40 | A | 10125603 | 400 | PC | PLAIN WASHERS | IN | | | PPP4 | | | N |
| 21 | A | 10125606 | 200 | PC | PLAIN WASHERS | IN | 008627 | 022679 | PPP1 | | | N |
| 22 | A | 10125607 | 500 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | | N |
| 24 | A | 10125801 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP4 | | | N |
| 25 | A | 10125804 | 200 | PC | SPRING LOCK WASHERS (MED.) | IN | 008627 | 022679 | PPP1 | | | N |
| 26 | A | 10125805 | 500 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | | N |
| 44 | A | 10125806 | 600 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | | N |
| 42 | A | 10126507 | 400 | PC | PLAIN HEX HD CAP SCR 1/4-20 | IN | | | | | | N |
| 35 | A | 10127102 | 200 | PC | SCR MACH PAN PHL 4-40 | IN | | | PPP4 | | | N |
| 36 | A | 10127105 | 200 | PC | SCR MACH PAN PHL 4-40 | IN | | | PPP1 | | | N |
| 38 | A | 10127122 | 200 | PC | SCR MACH PAN PHL 8-32 | IN | 008627 | 022679 | PPP1 | | | N |
| 30 | C | 18055416 | 200 | PC | STANDOFF 3/8 HEX ST STL | IN | | | | | | N |
| 33 | A | 51722000 | 100 | PC | ADHESIVE, SILVER EPOXY 2.5GRAMS | OUT | 008627 | 022679 | | | | N |
| 14 | C | 74520500 | 100 | PC | BRACKET MTO PROCESSOR R H | OUT | 008627 | 022679 | | | | N |
| 15 | C | 74520501 | 100 | PC | BRACKET MTO PROCESSOR L H | OUT | 008627 | 022679 | | | | N |
| 3 | A | 74628100 | 100 | PC | CABLE TAPE CASSETTE TRANSPORT | IN | | | | | | N |
| 16 | C | 74701600 | 100 | PC | BRACKET PANEL MOUNTNG R H | IN | | | | | | N |
| 17 | C | 74701700 | 100 | PC | BRACKET PANEL MOUNTNG L H | IN | | | | | | N |
| 31 | A | 74870916 | 1200 | PC | PAD CABLE TIE MOUNTING | IN | | | PPP4 | | | N |
| 23 | A | 74870988 | 500 | PC | WASHER FLAT NO 10 BR NI PL | IN | | | | | | N |
| 28 | A | 74871080 | 500 | PC | NUT HEX BR NI PL 10 32 5 16 | IN | | | PPP4 | | | N |
| 41 | B | 74871659 | 600 | PC | SPACER 1 2 DIA X 15 16 | IN | | | | | | N |
| 6 | D | 74872549 | 100 | PC | MEMORY INTERCONNECT CABLE ASSY | IN | | | | | | N |
| 7 | D | 74872550 | 100 | PC | MEMORY INTERCONNECT CABLE ASSY | IN | | | | | | N |
| 8 | D | 74872571 | 100 | PC | CONSOLE SWITCH BOX 4Y WIRED | IN | | | | | | N |
| 9 | C | 74872775 | 100 | PC | INTERRUPT CABLE ASSY | IN | | | | | | N |
| 5 | D | 74873778 | 100 | PC | PANEL BLOWER ASSY MP 17 | IN | | | | | | N |
| 2 | D | 74874009 | 100 | PC | CHASSIS ASSY TAPE CASSETTE | IN | | | | | | N |
| 10 | B | 74874014 | 100 | PC | WIRE JUMPER BUS TO MP17 GND | IN | | | | | | N |
| 18 | B | 74874139 | 200 | PC | BUS PLUS 5 V AND GND ANGLE | IN | | | | | | N |
| 19 | B | 74874142 | 200 | PC | BUS PLUS MINUS 12 V ANGLE | IN | | | | | | N |
| 1 | D | 74874182 | 100 | PC | COVER MAINT PNL MOS | IN | | | | | | N |
| 11 | B | 74874459 | 100 | PC | WIRE JUMPER 5V MP17 | IN | | | | | | N |
| 20 | B | 74874461 | 200 | PC | BUS JUMPER 5V AND 12V | IN | | | | | | N |

AA 8708 REV. 7-78 PROJECT ENGINEER SANTA ANA Printed in U.S.A.

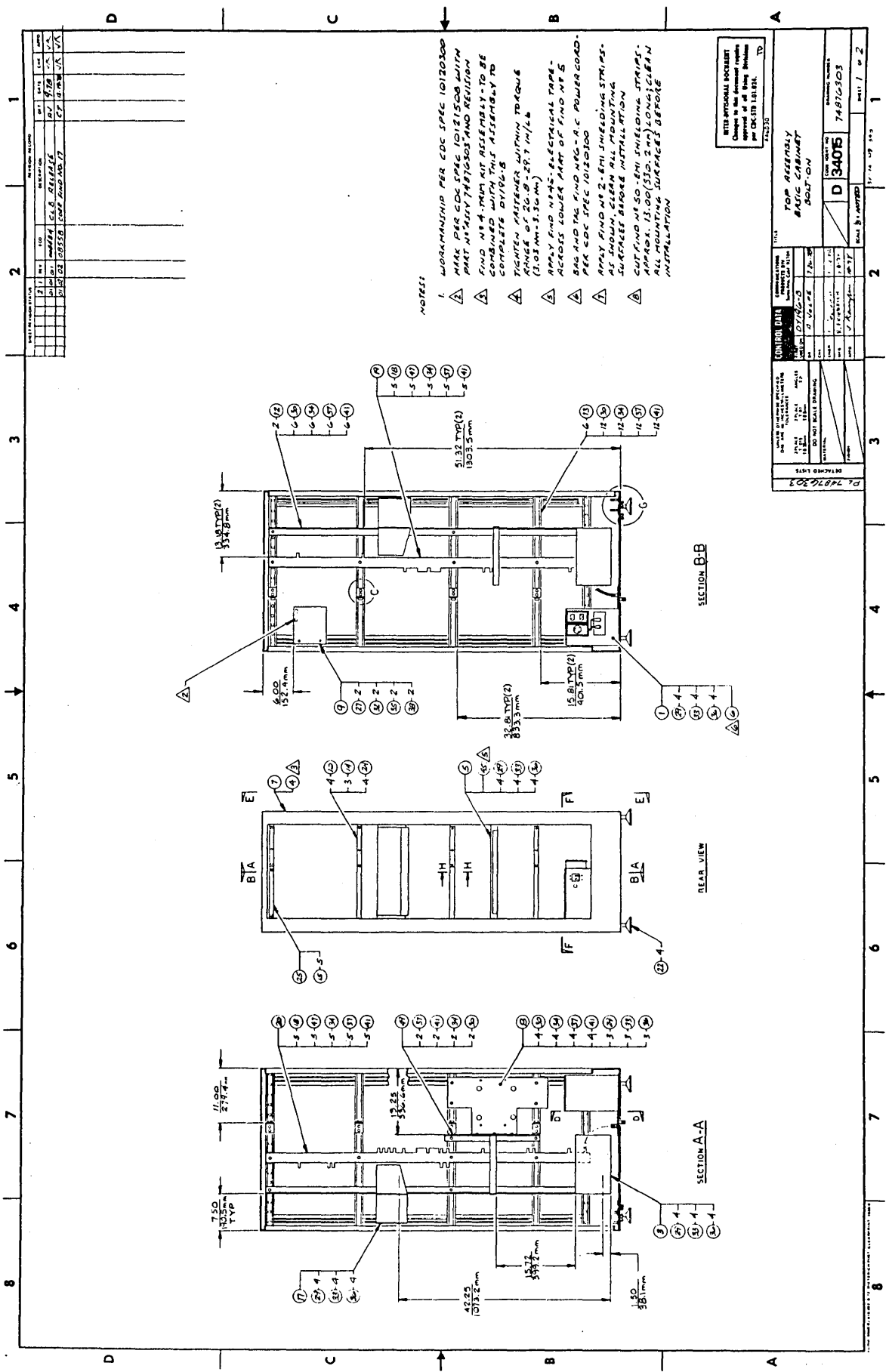
ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74874558 | B | CLA | A | SUPP LIST FOR DY ₁₉₆ A | DM | 2551 | 03/25/78 | 02/28/79 | 2 / 2 |
|-----------------|-----|-------|----|-----------------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/SUB PART TYPE | PH | SH | NC |
|-------------|----|-------------|----------|------------|-------------------------------|---------------|--------------------|----------------|--------------------|----|----|----|
| 4 | A | 74874556 | REF | PC | SUPP INSTRC NETWORK PROC UNIT | IN | | | | | | N |
| 39 | A | 92751202 | 500 | PC | SCREW MACH 8 32 X 1 2 | IN | | | | | | N |
| 34 | A | 92911005 | 400 | PC | SCREW 4 40 1/4 PHIL FLT HD | IN | | | | | | N |
| 29 | A | 93047004 | 700 | PC | JUMPER TERM BLOCK | IN | | | | | | N |
| 43 | A | 93212010 | 1200 | PC | WASHER FLAT 1/4 | IN | | | | | | N |
| 32 | C | 94277416 | 1200 | PC | STRAP CABLE TIE | IN | | | PPP1 | | | N |
| 37 | A | 96744973 | 600 | PC | SCREW-THD ROLL 8-32 3/8 LG | IN | | | | | | N |

AA 8708 REV. 7-78 PROJECT ENGINEER SANTA ANA Printed in U.S.A.



NOTES:

1. WORKMANSHIP PER CDC SPEC 1012030
2. MAX PER CDC SPEC 1012150B WITH PART N15517870303 AND REVISION
3. FIND N14-TMM KIT ASSEMBLY TO BE COMBINED WITH THIS ASSEMBLY TO COMPLETE DVI106.5
4. TIGHTEN FASTENER WITHIN TOLERANCE RANGE OF 20.9-29.7 IN/LB (3.03 NM-3.30 NM)
5. APPLY AND NAME ELECTRICAL TAPE ACROSS LOWER PART OF FIND N15
6. SAG AND TAG FIND N60-A-C POWER CORD PER CDC SPEC 10120300
7. APPLY FIND N12-EMI SHIELDING STRIP AS SHOWN, CLEAN ALL MOUNTING SURFACES BEFORE INSTALLATION
8. CUT/FIND N150-EMI SHIELDING STRIP APPROX. 15.00(381.2 MM) LONG/CLEAN ALL MOUNTING SURFACES BEFORE INSTALLATION

INTERNATIONAL SOCIETY
Changes to this document require approval of all being affected
per ORC-10 1.01.01.01
742330

| | | | |
|----------------------|--|----------------------|--|
| CONTROL UNIT | | TOP ASSEMBLY | |
| PART NO. 742330 | | PART NO. 742330 | |
| REV. 01/20/03 | | REV. 01/20/03 | |
| DO NOT SCALE DRAWING | | DO NOT SCALE DRAWING | |
| DATE 11/14/03 | | DATE 11/14/03 | |
| DRAWN BY 11/14/03 | | DRAWN BY 11/14/03 | |
| CHECKED BY 11/14/03 | | CHECKED BY 11/14/03 | |
| APPROVED BY 11/14/03 | | APPROVED BY 11/14/03 | |
| PART NO. 742330 | | PART NO. 742330 | |
| REV. 01/20/03 | | REV. 01/20/03 | |
| DRAWN BY 11/14/03 | | DRAWN BY 11/14/03 | |
| CHECKED BY 11/14/03 | | CHECKED BY 11/14/03 | |
| APPROVED BY 11/14/03 | | APPROVED BY 11/14/03 | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74876303 | 02 | CLB | D | TOP ASSY BASIC CABINET BOLT-ON | DM | DY196B | 09/16/78 | 12/27/78 | 1 / 2 |
|-----------------|-----|-------|-------|--------------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | OR IN |
|-------------|-------|-------------|----------|------------|---------------------------------|---------------|--------------------|----------------|--------------------|-------|-------|
| 46 | A | 10125108 | 100 | PC | HEXAGON MACHINE SCRFW NUTS | IN | | | PPP1 | | N |
| 32 | A | 10125606 | 200 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 33 | A | 10125607 | 2700 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | N |
| 31 | A | 10125608 | 200 | PC | PLAIN WASHERS | IN | | | | | N |
| 35 | A | 10125804 | 600 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 36 | A | 10125805 | 2400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 37 | A | 10125806 | 5200 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 26 | A | 10126105 | 100 | PC | INTERNAL TOOTH LOCK WASHERS | IN | | | | | N |
| 28 | A | 10126106 | 200 | PC | INTERNAL TOOTH LOCK WASHERS | IN | | | | | N |
| 30 | A | 10126500 | 3200 | PC | PLAIN HEX HD CAP SCR 1/4-20 | IN | | | | | N |
| 47 | A | 10126502 | 2200 | PC | PLAIN HEX HD CAP SCR 1/4-20 | IN | | | | | N |
| 27 | A | 10127103 | 600 | PC | SCR MACH PAN PHL R-32 | IN | | | PPP1 | | N |
| 56 | A | 10127142 | 400 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP1 | | N |
| 29 | A | 10127143 | 2200 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP4 | | N |
| 16 | A | 10127300 | 100 | PC | SCP, MACH, PAN HD 10-32X.500 LG | IN | | | | | N |
| 21 | C | 13487201 | 100 | PC | TERMINAL, PRESSURE SCREW | IN | | | | | N |
| 42 | C | 18862622 | 2000 | PC | SCP, THD ROLLING-HFX, WASH HD | IN | | | | | N |
| 57 | C | 18862629 | 1400 | PC | SCP, THD ROLLING-HFX, WASH HD | IN | | | | | N |
| 38 | A | 39005400 | 200 | PC | NUT W/SPRING 8-32 | IN | | | | | N |
| 39 | A | 39005401 | 1800 | PC | NUT W/SPRING 10-32 | IN | | | | | N |
| 40 | A | 39005403 | 800 | PC | NUT W/SPRING 1/4-20 | IN | | | | | N |
| 41 | A | 39005406 | 4000 | PC | NUT W/SPRING 1/4-20 | IN | | | | | N |
| 5 | D | 74481100 | 100 | PC | AIR DUCT LOOP MUX CARD CAGE | IN | | | | | N |
| 11 | C | 74472200 | 800 | PC | BRACKET RAIL MTG CABLE SUPPORT | IN | | | | | N |
| 9 | C | 74473900 | 100 | PC | PANEL MTG EQUIP ID NAMEPLATE | IN | | | | | N |
| 12 | C | 74437800 | 200 | PC | ANGLE PANEL MTG 6R, 25 IN HIGH | IN | | | | | N |
| 49 | C | 74437802 | 100 | PC | ANGLE PANEL MTG 19, 25 IN HIGH | IN | | | | | N |
| 15 | C | 74450700 | 500 | PC | PLATE MOUNTING CARIF TIE | IN | | | | | N |
| 24 | B | 74470919 | 400 | PC | PLATE MULTIPLE TIF 5 BUNDLE | IN | | | | | N |
| 25 | B | 74470920 | 100 | PC | PLATE MULTIPLE TIF 6 BUNDLE | IN | | | | | N |
| 13 | C | 74471508 | 600 | PC | CHANNEL UNISTRUT | IN | | | | | N |
| 14 | C | 74472274 | 300 | PC | PLATE GND CABLE MTR | IN | | | | | N |
| 17 | D | 74473409 | 100 | PC | ENCLOSURE AY AIR INTAKE PROC | OUT | 008558 | 122778 | | | N |
| 10 | C | 74474105 | 400 | PC | SUPPORT RAIL CABLE | IN | | | | | N |
| 20 | D | 74474100 | 100 | PC | RUSS PWR 4 LAYER | IN | | | | | N |
| 19 | D | 74474101 | 100 | PC | RUSS PWR 2 LAYER | IN | | | | | N |

PROJECT ENGINEER SANTA ANA

AA 2700 REV. 7-78

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74876303 | 02 | CLB | D | TOP ASSY BASIC CABINET BOLT-ON | DM | DY196B | 09/16/78 | 12/27/78 | 2 / 2 |
|-----------------|-----|-------|-------|--------------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

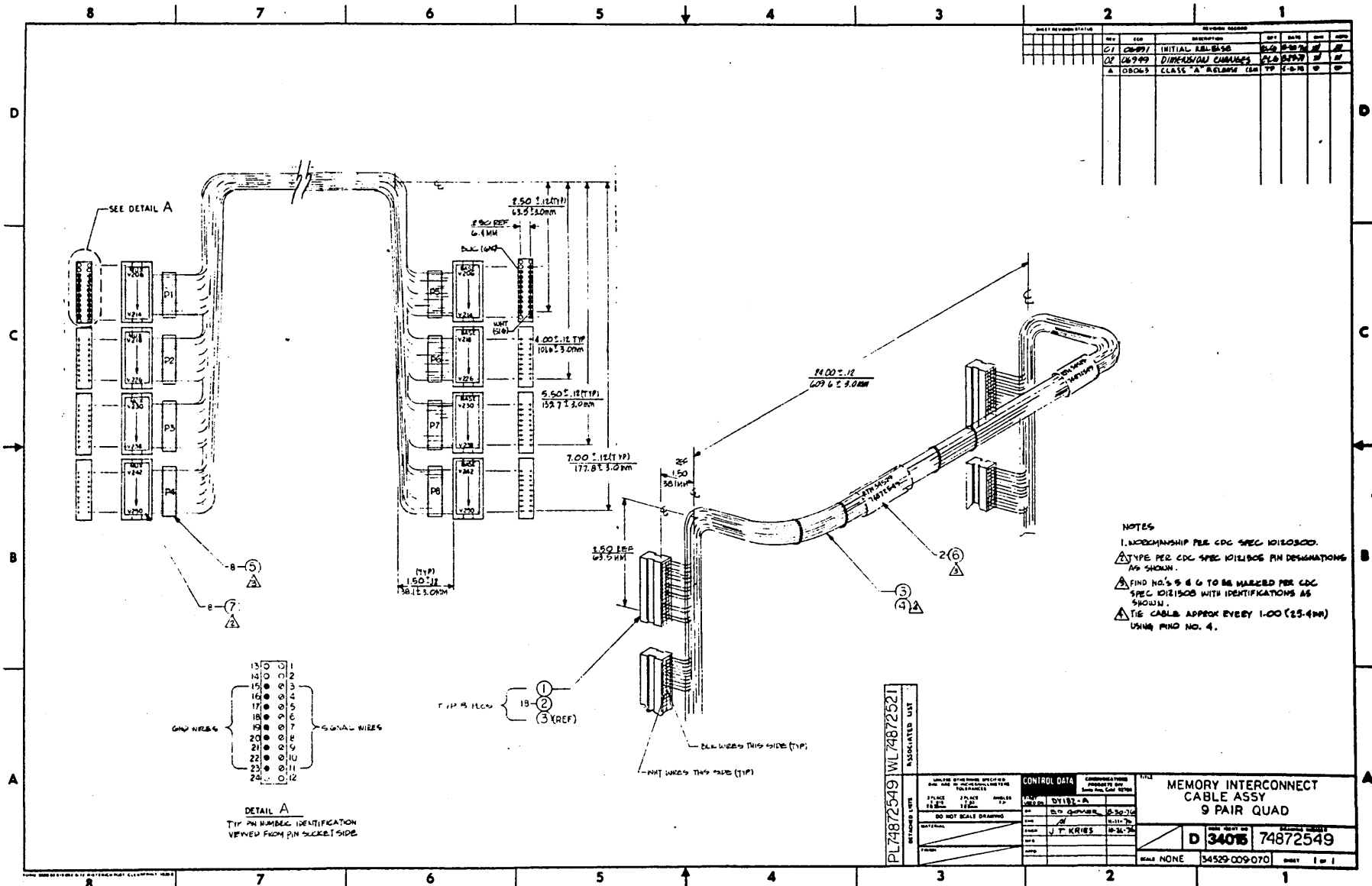
MF

| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | OR IN |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|-------|
| 18 | B | 74474504 | 1000 | PC | INSULATOR | IN | | | | | N |
| 6 | B | 74474521 | 100 | PC | CABLE AY AC PWR INPUT | IN | | | | | N |
| 8 | D | 74475202 | 100 | PC | BRACKET PWR SUPPLY MOUNTING | IN | | | | | N |
| 48 | D | 74475403 | 100 | PC | BRACKET ANGLE | IN | | | | | N |
| 53 | D | 74475405 | 100 | PC | CLAMP SLIDE | IN | | | | | N |
| 54 | D | 74475407 | 100 | PC | CLAMP SLIDE | IN | | | | | N |
| 1 | D | 74475508 | 100 | PC | POWER DISTRIBUTION BOX | IN | | | | | N |
| 7 | D | 74475910 | 100 | PC | CABINET FRAME SUB-ASSEMBLY | IN | | | | | N |
| 44 | C | 74476002 | 100 | PC | STRAP GROUND 12.00 IN LG | IN | | | | | N |
| 2 | B | 74476016 | 1400 | PC | SHIELDING STRIP TWIST SERIES | IN | | | | | N |
| 50 | C | 74476018 | 400 | PC | SHIELDING STRIP FINGER CONTACT | IN | | | | | N |
| 3 | D | 74476076 | 100 | PC | BLOWER ASSY, LOOP MIX | IN | | | | | N |
| 17 | D | 74476077 | 100 | PC | ENCLOSURE AIR INTAKE PROCESSOR | IN | 008558 | 122778 | | | N |
| 23 | C | 74476173 | 100 | PC | COVER PLATE ASSEMBLY | IN | | | | | N |
| 55 | B | 74476174 | 200 | PC | HANDLE BRASS NIC PLATE 4.00 IN | IN | | | | | N |
| 4 | D | 74476107 | 100 | PC | TRIM KIT ASSEMBLY | IN | | | | | N |
| 22 | A | 84721700 | 400 | PC | LEVELING PAD | IN | | | | | N |
| 34 | A | 93212010 | 5200 | PC | WASHER FLAT 1/4 | IN | | | | | N |
| 45 | A | 95116300 | 3600 | IN | ELECTRICAL TAPE | IN | | | | | N |

NUMBER OF LINE ITEMS = 55
HIGHEST FIND NUMBER = 57

PROJECT ENGINEER SANTA ANA

AA 2700 REV. 7-78



| REV | DATE | DESCRIPTION | BY | CHKD |
|-----|----------|-------------------|--------|--------|
| 01 | 06/27/71 | INITIAL RELEASE | J.T.K. | J.T.K. |
| 02 | 06/29/71 | DIMENSION CHANGE | J.T.K. | J.T.K. |
| 03 | 06/29/71 | CLASS 'A' RELEASE | J.T.K. | J.T.K. |

- NOTES
1. WORKMANSHIP PER CDC SPEC 1010300.
 2. TYPE PER CDC SPEC 1011505 PIN DESIGNATIONS AS SHOWN.
 3. FIND NO.'S 6 & 6 TO BE MARKED PER CDC SPEC 1011505 WITH IDENTIFICATIONS AS SHOWN.
 4. TIE CABLE APPROX EVERY 1-00 (25.4MM) USING PIND NO. 4.

| | | |
|----|---|----|
| 13 | 0 | 1 |
| 14 | 0 | 2 |
| 15 | 0 | 3 |
| 16 | 0 | 4 |
| 17 | 0 | 5 |
| 18 | 0 | 6 |
| 19 | 0 | 7 |
| 20 | 0 | 8 |
| 21 | 0 | 9 |
| 22 | 0 | 10 |
| 23 | 0 | 11 |
| 24 | 0 | 12 |

GROUND WIRES (PINS 13-18)
SIGNAL WIRES (PINS 19-24)

DETAIL A
PIN NUMBER IDENTIFICATION VIEWED FROM PIN SOCKET SIDE

PL74872549 WL74872521
ASSOCIATED LIST

| | |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <p>CONTROL DATA</p> <p>DATE: 01/18/71</p> <p>BY: J.T. KRIS</p> <p>APP: []</p> | <p>TITLE</p> <p>MEMORY INTERCONNECT CABLE ASSY 9 PAIR QUAD</p> <p>34016 74872549</p> <p>34529 009 070</p> |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|

ASSEMBLY PARTS LIST

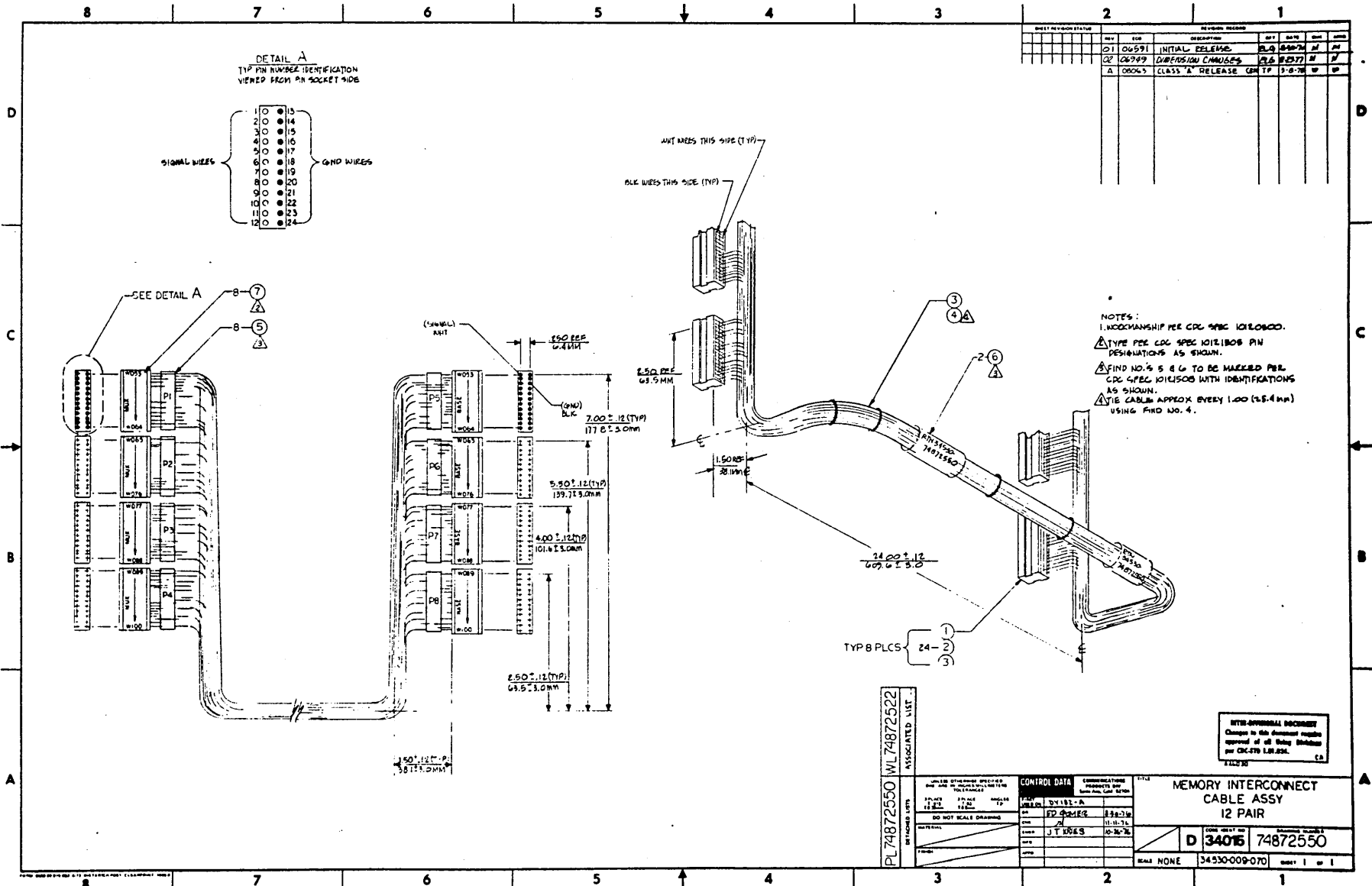
SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

MF

| 74872549 | A | CLA | D | MEMORY INTERCONNECT CABLE ASSY | DM | 2551 | 03/25/78 | 03/25/78 | 1 / 1 |
|-----------------|-----|-------|-------|--------------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DN #2 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

| FIND NUMBER | QTY | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MARK/SUB PART TYPE | PH | OR | PL |
|-----------------------------------------------------|-----|-------------|----------|------------|---------------------------------|---------------|--------------------|----------------|--------------------|----|----|----|
| 3 | C | 17605947 | 189600 | IN | WIRE ELEC TW PR 1/4 LAY WHT/BK | IN | | | PPP2 | | | N |
| 5 | | 51904701 | 800 | PC | CABLE LABEL | IN | | | PPP4 | | | N |
| 6 | B | 73995500 | 200 | PC | NMPLT KIT BLNK LARGE CABLES | IN | | | PPP4 | | | N |
| 2 | A | 74718400 | 14400 | PC | CONTACT | IN | | | PPP4 | | | N |
| 1 | | 74718516 | 800 | PC | CONNECTOR MAXI LATCH 24 POS | IN | | | | | | N |
| 7 | A | 74871094 | 800 | PC | LABEL SELF ADHESIVE | IN | | | PPP4 | | | N |
| 9 | A | 74872521 | REF | PC | MEMORY INTERCONNECT CBL AY WIRE | IN | | | | | | N |
| 4 | A | 75275405 | 3200 | PC | TIE CABLE 1 3 4 DIA BUNDLE | IN | | | | | | N |
| NUMBER OF LINE ITEMS = 8 HIGHEST FIND NUMBER = 9 | | | | | | | | | | | | |

PROJECT ENGINEER ARDEN HILLS



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

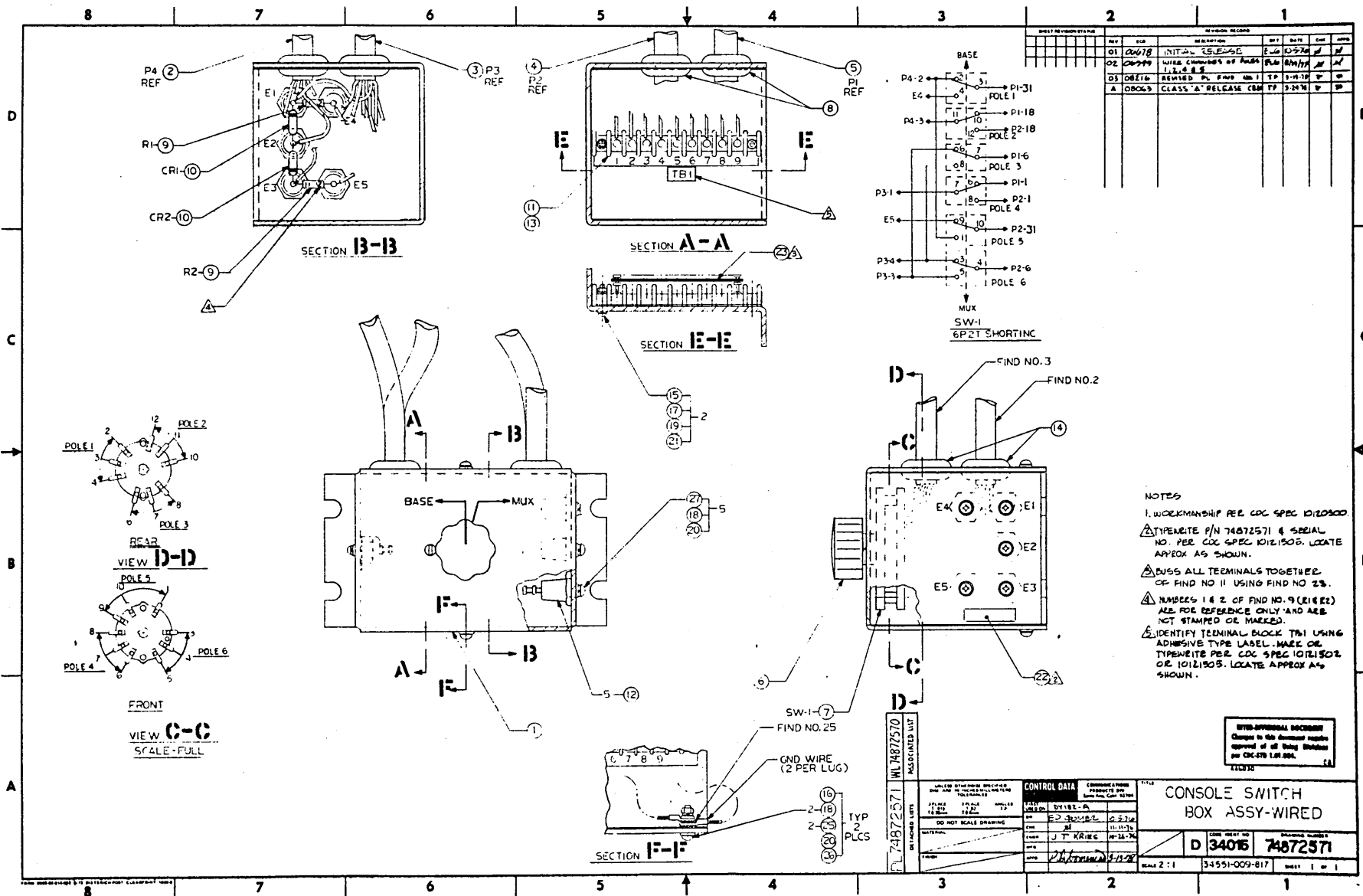
| | | | | | | | | | |
|-----------------|-----|-------|-------|--------------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74872550 | A | CLA | D | MEMORY INTERCONNECT CABLE ASSY | DM | 2551 | 03/25/78 | 03/25/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW 92 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FINO NUMBER | DW 92 | PART NUMBER | QUANTITY | UNIT WEAR | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | OR N |
|-----------------------------------------------------|-------|-------------|----------|-----------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 3 | C | 17605947 | 189600 | IN | WIRE ELEC T# PR 1/4 LAY WHT/BK | IN | | | PPP2 | | N |
| 5 | | 51904701 | 800 | PC | CABLE LABEL | IN | | | PPP4 | | N |
| 6 | B | 73995500 | 200 | PC | NMPLT KIT BLNK LARGE CABLES | IN | | | PPP4 | | N |
| 2 | A | 74718400 | 19200 | PC | CONTACT | IN | | | PPP4 | | N |
| 1 | | 74718516 | 800 | PC | CONNECTOR MAXI LATCH 24 POS | IN | | | | | N |
| 7 | A | 74871094 | 800 | PC | LABEL SELF ADHESIVE | IN | | | PPP4 | | N |
| 9 | A | 74872522 | DEF | PC | MEMORY INTERCONCT CBL AY WIRE | IN | | | | | N |
| 4 | A | 75275405 | 3200 | PC | TIE CABLE 1 3 4 DTA BUNDLE | IN | | | | | N |
| NUMBER OF LINE ITEMS = 8 HIGHEST FINO NUMBER = 9 | | | | | | | | | | | |

PROJECT ENGINEER

ARDEN HILLS



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74872571 | A | CLA | D | CONSOLE SWTCH BOX AY WIRED | DM | 2551 | 03/25/78 | 03/25/78 | 1 / 1 |
|-----------------|-----|-------|-------|----------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

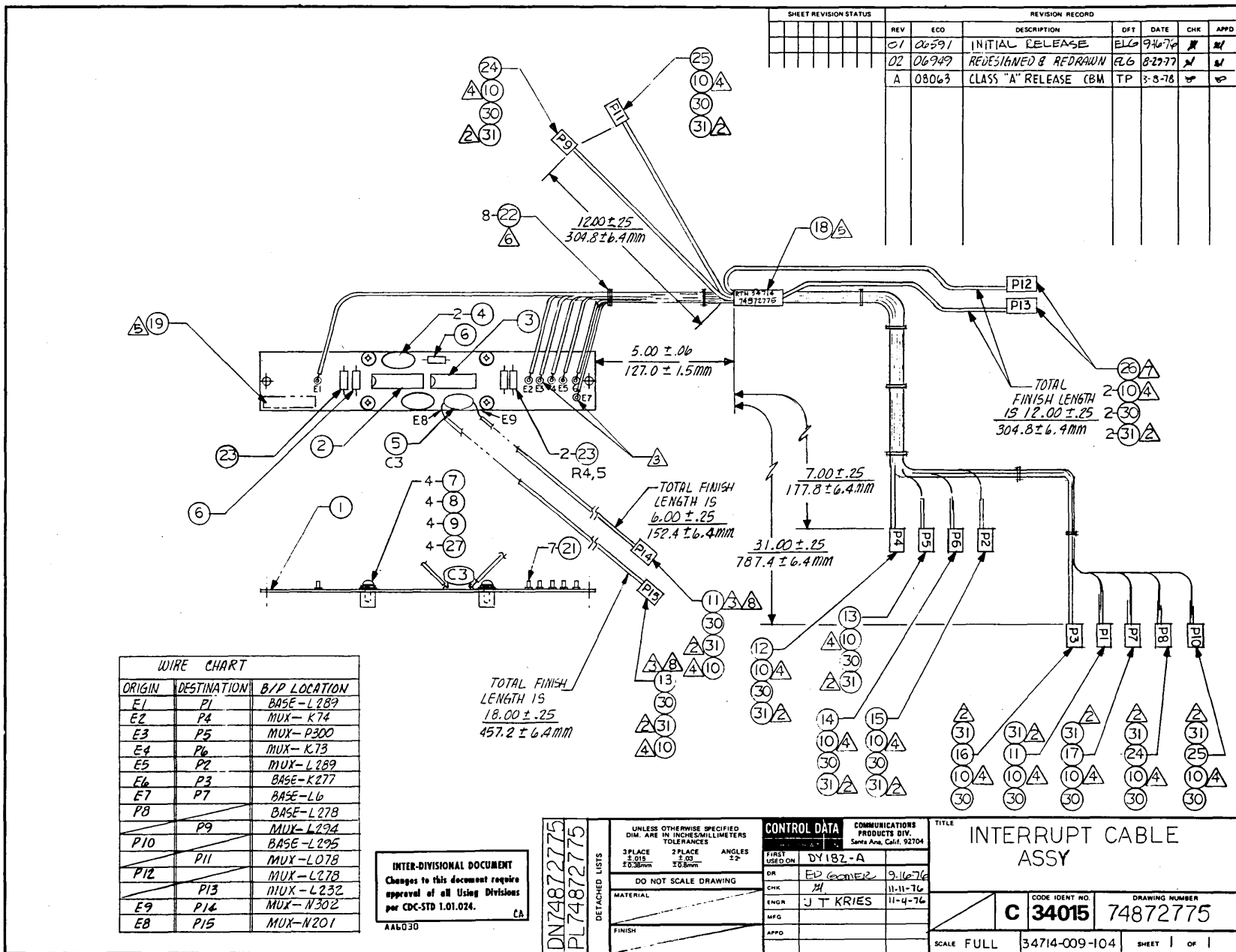
MF

| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT WEAR | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PC NO | QTY |
|-------------|-------|-------------|----------|-----------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|-----|
| 21 | A | 10125102 | 200 | PC | HEXAGON MACHINE SCRFW NUTS | IN | | | PPP1 | N | N |
| 26 | A | 10125105 | 200 | PC | HEXAGON MACHINE SCRFW NUTS | IN | | | PPP1 | N | N |
| 17 | A | 10125602 | 200 | PC | PLAIN WASHERS | IN | | | PPP1 | N | N |
| 18 | A | 10125605 | 500 | PC | PLAIN WASHERS | IN | | | PPP1 | N | N |
| 19 | A | 10125800 | 200 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 20 | A | 10125803 | 500 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | N | N |
| 27 | A | 10127111 | 500 | PC | SCR MACH PAN PHL 6-32 | IN | | | PPP1 | N | N |
| 16 | A | 10127113 | 200 | PC | SCR MACH PAN PHL 6-32 | IN | | | PPP1 | N | N |
| 15 | A | 10127313 | 200 | PC | PAN HD MACH SCR SLOT DR 2-56 | IN | | | PPP1 | N | N |
| 9 | C | 24500082 | 200 | PC | RES FXD .25W 6200 OHMS | IN | | | PPP4 | N | N |
| 23 | C | 24501801 | 1700 | IN | WIRE ELECT SOLID COPPER 22 GA | IN | | | PPP2 | N | N |
| 6 | A | 36136700 | 100 | PC | KNOR CONTROL 2240 A | IN | | | PPP4 | N | N |
| 8 | A | 38834001 | 200 | PC | GROMMET, 1/16 GROOVE (9606) | IN | | | PPP4 | N | N |
| 14 | A | 38834008 | 200 | PC | GROMMET | IN | | | PPP4 | N | N |
| 10 | A | 51736700 | 200 | PC | DIODE SWITCHING 1N914A | IN | | | PPP4 | N | N |
| 22 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | PPP4 | N | N |
| 12 | A | 74871052 | 500 | PC | TERMINAL INSULATED | IN | | | PPP4 | N | N |
| 25 | B | 74871451 | 400 | PC | WASHER EXT TOOTH LOCK NO 6 | IN | | | PPP3 | N | N |
| 24 | A | 74872570 | REF | PC | WL PROCESSOR CONTR SWITCH BOX | IN | | | | N | N |
| 4 | C | 74872711 | 100 | PC | CABLE ASSY CONSOLE SWITCH BOX | IN | | | | N | N |
| 5 | C | 74872712 | 100 | PC | CABLE ASSY CONSOLE SWITCH BOX | IN | | | | N | N |
| 3 | B | 74872713 | 100 | PC | CABLE ASSY TTY DATA TERM | IN | | | | N | N |
| 2 | C | 74872718 | 100 | PC | CABLE ASSY CRT DATA TERM | IN | | | | N | N |
| 11 | A | 74873299 | 100 | PC | BLOCK TERMINAL 9 POS | IN | | | | N | N |
| 13 | A | 74873305 | 100 | PC | STPIP MARKER 9 POS | IN | | | | N | N |
| 7 | | 74875157 | 100 | PC | SWITCH ROTARY 6P-2POS | IN | | | PPP4 | N | N |
| 1 | D | 74875805 | 100 | PC | SWITCH BOX | IN | | | | N | N |

NUMBER OF LINE ITEMS = 27
HIGHEST FIND NUMBER = 27

PROJECT ENGINEER

ARDEN HILLS



| SHEET REVISION STATUS | | | | REVISION RECORD | | | |
|-----------------------|-------|-------------------------|-----|-----------------|-----|------|--|
| REV | ECO | DESCRIPTION | DFT | DATE | CHK | APPD | |
| 01 | 00591 | INITIAL RELEASE | ELG | 9-16-74 | M | M | |
| 02 | 06949 | REDESIGNED & REDRAWN | ELG | 8-29-77 | M | M | |
| A | 08063 | CLASS "A" RELEASE (CBM) | TP | 3-3-78 | M | M | |

| ORIGIN | DESTINATION | B/P LOCATION |
|--------|-------------|--------------|
| E1 | P1 | BASE-L289 |
| E2 | P4 | MUX-K74 |
| E3 | P5 | MUX-P300 |
| E4 | P6 | MUX-K73 |
| E5 | P2 | MUX-L289 |
| E6 | P3 | BASE-K277 |
| E7 | P7 | BASE-L6 |
| P8 | | BASE-L278 |
| P10 | P9 | MUX-L294 |
| | P11 | BASE-L295 |
| P12 | | MUX-L078 |
| | P13 | MUX-L278 |
| E9 | P14 | MUX-L232 |
| E8 | P15 | MUX-N201 |

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024. CA

DN74872775
 PL74872775

| UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES/MILLIMETERS TOLERANCES | | | CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | |
|----------------------------------------------------------------------|-----------------------------|----------------|---------------|----------|------------------------------------------------------|-----------|
| 3 PLACE ± .015 ± 0.38mm | 2 PLACE ± .00 ± 0.8mm | ANGLES ± 2° | FIRST USED ON | DY182-A | DR | ELG/eamer |
| DO NOT SCALE DRAWING | | | CHK | M | DATE | 9-16-76 |
| MATERIAL | | | ENGR | J T KRIS | DATE | 11-11-76 |
| FINISH | | | MFG | | DATE | 11-4-76 |
| | | | APPD | | | |

| TITLE | | | |
|----------------------|----------------|---------------|--------------|
| INTERRUPT CABLE ASSY | | | |
| CODE IDENT NO | DRAWING NUMBER | | |
| C 34015 | 74872775 | | |
| SCALE | FULL | 34714-009-104 | SHEET 1 OF 1 |

| | | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|------------------------------------------------------|---------------|----------------------|--------|--------------|-------------------|------|---------|--------|
| DWN | E. GORMER | 3077 | CONTROL DATA | TITLE | INTERRUPT CABLE ASSY | PREFIX | DOCUMENT NO. | REV | | | |
| CHWD | 21 | 9-1-77 | | | | DN | 74872775 | A | | | |
| ENG | J.T. KRIS | 83077 | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Ca. 92704 | FIRST USED ON | 34714-009-104 | | | SHEET 1 OF 2 | | | |
| MFG | | | CODE IDENT | DY182-A | | | | | | | |
| APPR | | | 34015 | | | | | | | | |
| SHEET REVISION STATUS | | | | | REVISION RECORD | | | | | | |
| | | | | 2 | 1 | REV | ECO | DESCRIPTION | DRFT | DATE | APP |
| | | | | 02 | 02 | A | 06949 | ADDED NOTE 9 | EL6 | 8-30-77 | pl |
| | | | | A | A | A | 08063 | CLASS "A" RELEASE | CBM | TP | 3-8-78 |
| <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>INTER-DIVISIONAL DOCUMENT Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.</p> <p style="text-align: right;">CA</p> </div> | | | | | | | | | | | |
| <p>NOTES:</p> <div style="text-align: right; border: 1px solid black; padding: 2px; width: fit-content; margin: 10px auto;"> PL74872775 DETACHED LISTS </div> | | | | | | | | | | | |

FORM 19246-01-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

34714-009-104

| | | | | | | | | | | |
|--------------|---------------------------------------------------------|------------|-------|-------|--------|----|--------------|----------|------|---|
| CONTROL DATA | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | CODE IDENT | 34015 | SHEET | 2 OF 2 | DN | DOCUMENT NO. | 74872775 | REV. | A |
|--------------|---------------------------------------------------------|------------|-------|-------|--------|----|--------------|----------|------|---|

1. WORKMANSHIP PER CDC SPEC 10120300.
2. TYPEWRITE NOMENCLATURE AS SHOWN PER CDC SPEC 10121505 USING FIND NO. 31.
3. STRIP AND TIN LEADS AND SOLDER PER WORKMANSHIP SPEC 10120300.
4. CRIMP FIND NO. 10 TO WIRES, FIND NO.'S 11 THRU 17, 24, 25, 26, 28, 29
5. TYPEWRITE P/N 74872775 & REV LETTER PER CDC SPEC 10121505. LOCATE APPROX WHERE SHOWN.
6. SPACE CABLE TIES AT APPROX EVERY 2 INCHES (50.8MM)
7. LOOP FIND NO. 26 WITHIN BUNDLE AND EXIT TOGETHER AS SHOWN. JUMPER TERMINATES ON MUX PANEL ADJACENT TO EACH OTHER.
8. SOLDER FIND NO.'S 28 & 29 TO C3 WIRE LEADS.

FORM 19246-01-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74872775 | A | CLA | C | INTERRUPT CABLE ASSY | DM | 2551 | 03/22/78 | 03/22/78 | 1 / 1 |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW #1 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

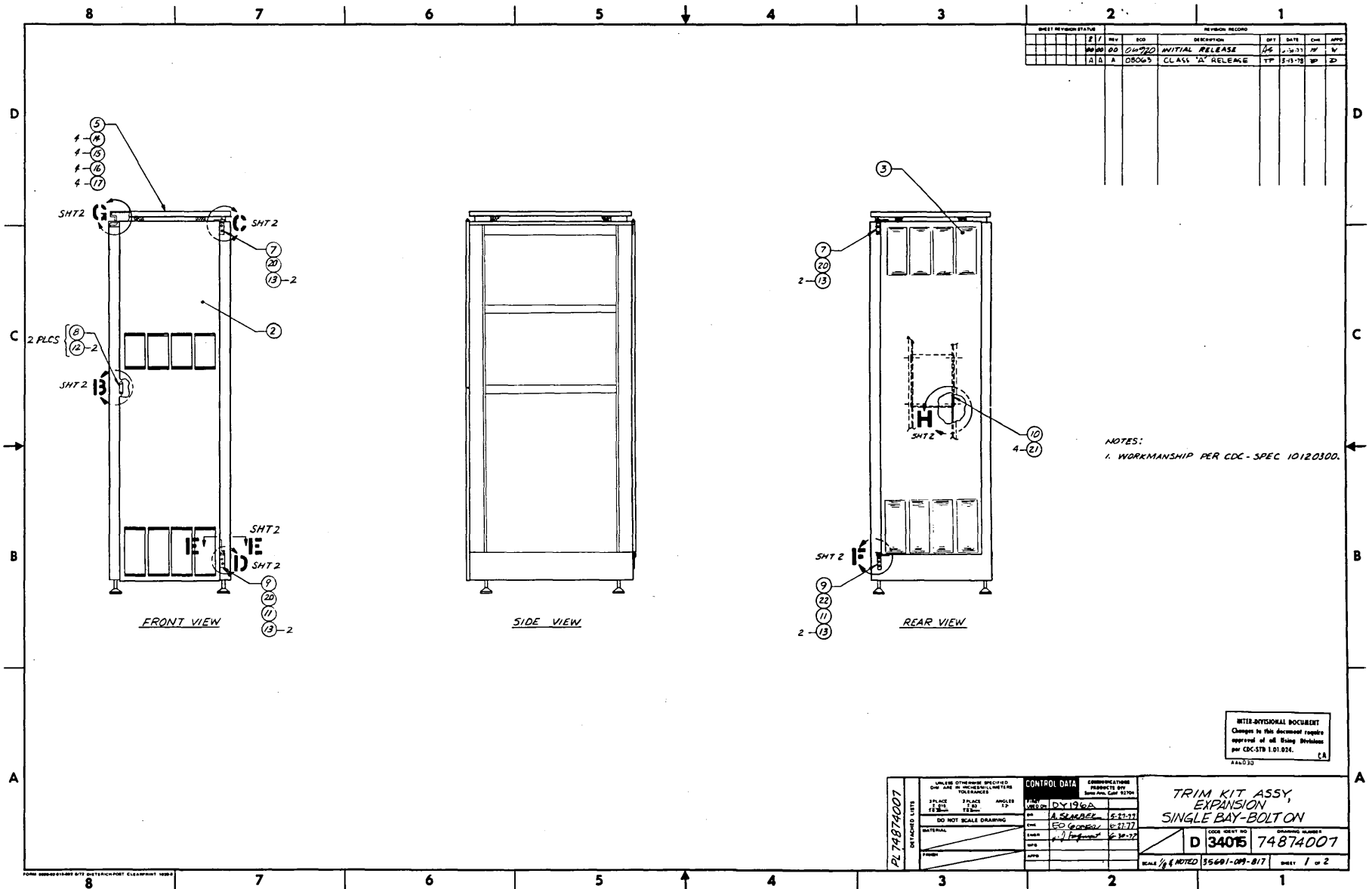
MF

| FIND NUMBER | DW #2 | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH | OR | NC |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|----|----|----|
| 27 | A | 10125603 | 400 | PC | PLAIN WASHERS | IN | | | PPP1 | | | N |
| 9 | A | 10125801 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | | N |
| 8 | A | 10127100 | 400 | PC | SCR MACH PAN: PHL 4-40 | IN | | | PPP1 | | | N |
| 6 | C | 24500097 | 200 | PC | RES FXD .25# 27000 | IN | | | PPP4 | | | N |
| 23 | C | 24500163 | 300 | PC | RES FXD COMP. 50W 1K OHMS 5PCT | IN | | | PPP4 | | | N |
| 11 | C | 24548301 | 5600 | IN | WIRE,ELECT,24 GA,PVC,UL,BLK | IN | | | PPP5 | | | N |
| 12 | C | 24548302 | 2400 | IN | WIRE,ELECT, 24 GA,PVC,UL,BRN | IN | | | PPP2 | | | N |
| 13 | C | 24548303 | 4800 | IN | WIRE,ELECT,24 GA,PVC,UL,RED | IN | | | PPP5 | | | N |
| 14 | C | 24548304 | 2400 | IN | WIRE,ELECT,24 GA,PVC,UL,OR | IN | | | PPP2 | | | N |
| 15 | C | 24548305 | 2400 | IN | WIRE,ELECT,24 GA,PVC,UL,YEL | IN | | | PPP5 | | | N |
| 16 | C | 24548306 | 4800 | IN | WIRE,ELECT,24 GA,PVC,UL,GRN | IN | | | PPP5 | | | N |
| 17 | C | 24548307 | 4800 | IN | WIRE,ELECT,24 GA,PVC,UL,BLU | IN | | | PPP5 | | | N |
| 24 | C | 24548308 | 4800 | IN | WIRE ELEC STRD INS. UL APPD | IN | | | PPP2 | | | N |
| 25 | C | 24548309 | 4800 | IN | WIRE ELEC STRD INS. UL APPD | IN | | | PPP2 | | | N |
| 26 | C | 24548310 | 1800 | IN | WIRE ELEC STRD INS. UL APPD | IN | | | PPP5 | | | N |
| 21 | A | 25186107 | 700 | PC | TERMINAL, BIFURCATFD L=,084 | IN | | | | | | N |
| 4 | A | 38980718 | 200 | PC | CAPACITOR,CERAMIC DISK 200 PF | IN | | | | | | N |
| 2 | C | 50254300 | 100 | PC | IC TTL2 OR MV-A 74123 | IN | | | PPP5 | | | N |
| 19 | C | 73954300 | 100 | PC | NAME PLATE IDENTIFICATION SHAL | IN | | | PPP4 | | | N |
| 18 | B | 73995500 | 100 | PC | NMPLT KIT BLNK LARGF CABLES | IN | | | PPP4 | | | N |
| 10 | A | 74718400 | 1500 | PC | CONTACT | IN | | | | | | N |
| 30 | A | 74718501 | 1500 | PC | CONN HOUSING 2 CAVITY | IN | | | | | | N |
| 5 | A | 74870616 | 100 | PC | CAPACITOR CERAMIC DISC 0 01 U | IN | | | PPP4 | | | N |
| 31 | A | 74871094 | 1500 | PC | LABEL SELF ADHESIVE | IN | | | PPP4 | | | N |
| 1 | C | 74872776 | 100 | PC | INTERRUPT CABLE PCB FABRICATIO | IN | | | | | | N |
| 20 | C | 74872798 | REF | PC | LOGIC DIAGRAM INTERRUPT CABLE | IN | | | | | | N |
| 22 | A | 75275405 | 800 | PC | TIE CABLE 1 3 4 DTA BUNDLE | IN | | | | | | N |
| 7 | A | 93111303 | 400 | PC | STANDOFF HEX | IN | | | | | | N |
| 3 | A | 96744155 | 100 | PC | IC 7406 TTL HEX INVERTER (OC) | IN | | | | | | N |

NUMBER OF LINE ITEMS = 29
HIGHEST FIND NUMBER = 31

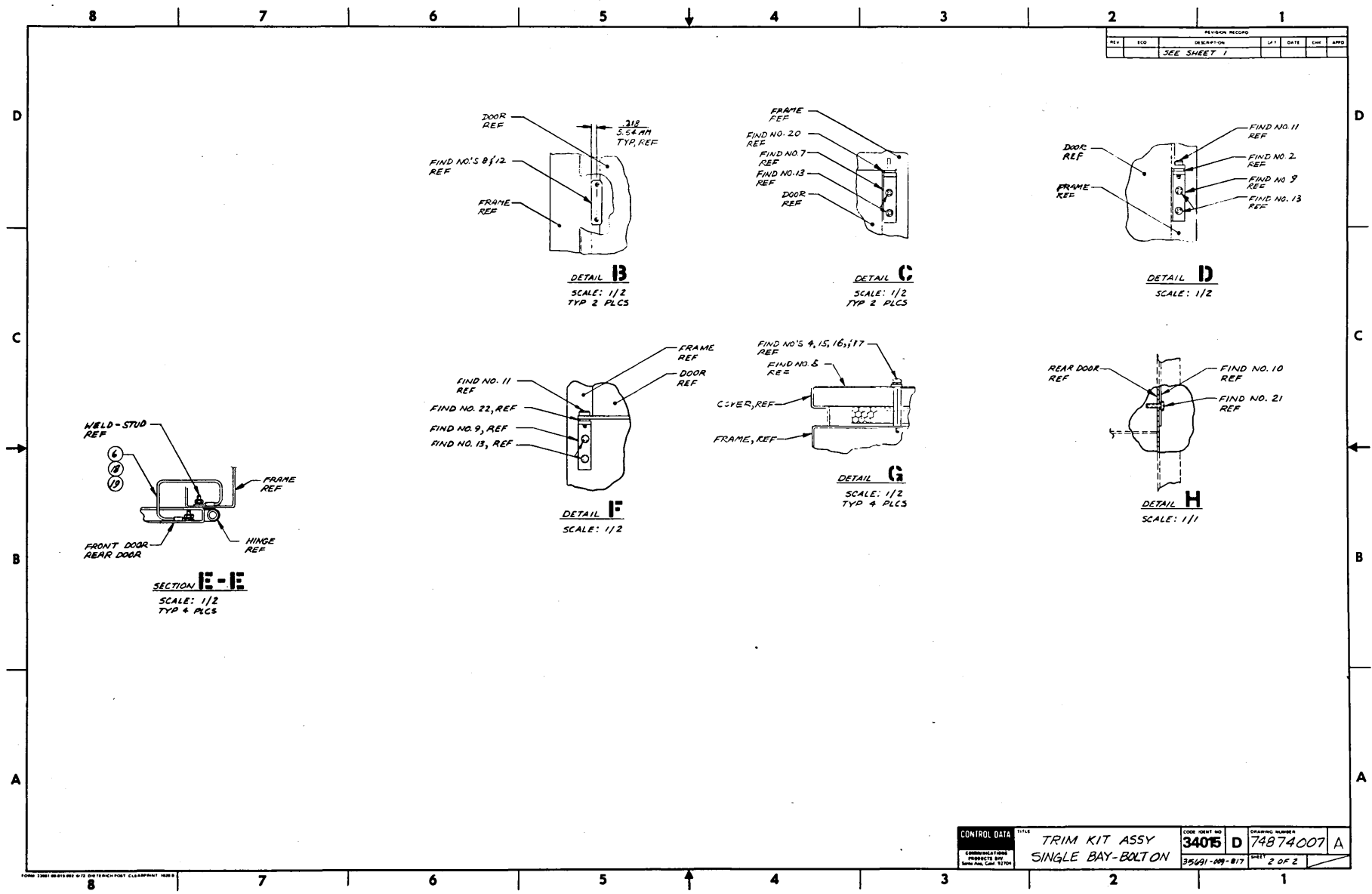
PROJECT ENGINEER

ARDEN HILLS



| SHEET REVISION STATUS | | REVISION RECORD | | | | | |
|-----------------------|------|-----------------|-----|-------------------|----------|----|-----|
| REV | DATE | BY | APP | DESCRIPTION | DATE | BY | APP |
| 1 | | | | | | | |
| 2 | | | | INITIAL RELEASE | 12-10-77 | W | W |
| 3 | | | | CLASS 'A' RELEASE | 1-11-78 | W | W |

| | | | | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|
| 74874007 ATTACHED LIST | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND DECIMALS THEREOF | CONTROL DATA DATE: DY 1976 BY: A. S. HANDEL CHK: E. O. GARDNER APP: J. J. [unclear] | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92706 | |
| | FINISH: [unclear] TOLERANCES: [unclear] | MATERIAL: [unclear] | CODE IDENT NO: D 34015 | DRAWING NUMBER: 74874007 |
| | DO NOT SCALE DRAWING | SCALE: 1/8" = 1" NOTED | 35601-09-017 | SHEET 1 OF 2 |
| | INTER-DIVISIONAL DOCUMENT Changes to this document require approval of all issuing divisions per CDC-STR 1.01.024. CA | | | |



| | | | |
|-----------------------------------------------------------------------------|-------------------------------------|---------------|----------------|
| CONTROL DATA | TITLE | CODE IDENT NO | DRAWING NUMBER |
| COMMERCIAL FORM PROPERTY OF MILWAUKEE TOOL CO., MILWAUKEE, WIS. 53124 | TRIM KIT ASSY SINGLE BAY-BOLT ON | 34015 D | 74874007 A |
| | | 35491-099-817 | SHEET 2 OF 2 |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|--------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74874007 | A | CLA | D | XPANS SINGLE BAY BOLT-ON | DM | 2551 | 03/21/78 | 03/21/78 | 1 / 1 |
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

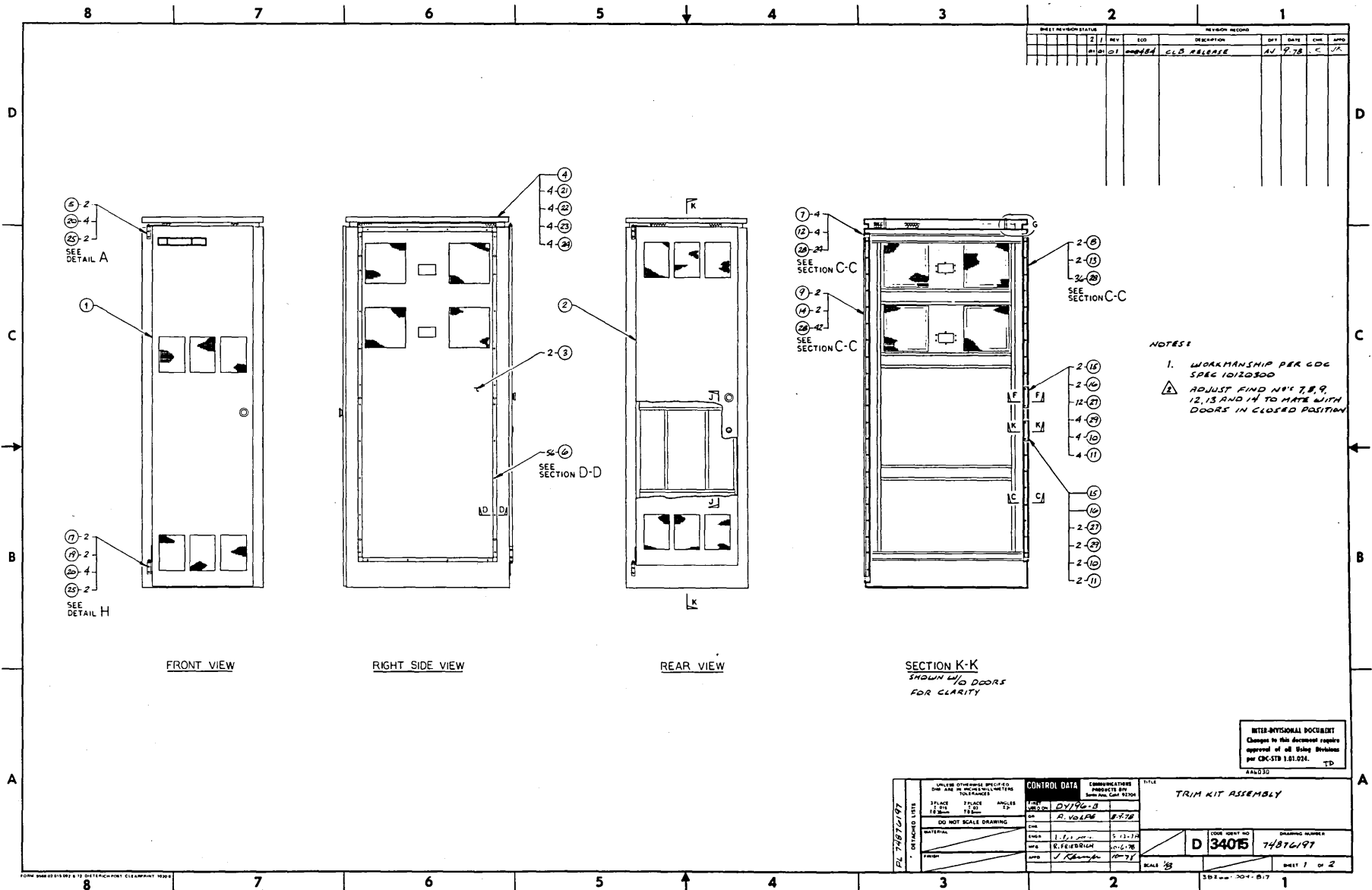
MF

| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PC | ON |
|-------------|----|-------------|----------|------|--------------------------------|---------------|--------------------|----------------|--------------------|----|----|
| 19 | A | 10125106 | 400 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 16 | A | 10125607 | 400 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | N |
| 12 | A | 10125703 | 400 | PC | 82 DEG FH MACH SCR PHL 4-40 | IN | | | PPP1 | | N |
| 13 | A | 10125725 | 800 | PC | 82 DEG FH MACH SCR PHL 8-32 | IN | | | PPP1 | | N |
| 15 | A | 10125805 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 14 | A | 10127143 | 400 | PC | SCR MACH PAN PHL 10-32 | IN | | | PPP1 | | N |
| 21 | C | 17901509 | 400 | PC | 6-32 SCR THD ROLL PHL H PAN | IN | | | PPP1 | | N |
| 17 | A | 38907101 | 400 | PC | STANDOFF W/F: 10-32 1/2LG | IN | | | | | N |
| 8 | B | 74637100 | 200 | PC | LATCH STRIKE PLATE | IN | | | | | N |
| 7 | B | 74637400 | 200 | PC | BRACKET TOP DOOR STD 19 IN | IN | | | | | N |
| 9 | B | 74637700 | 200 | PC | BRACKET BOTTOM DOOR STD 19 IN | IN | | | | | N |
| 10 | C | 74638000 | 100 | PC | PRINT HOLDER | IN | | | | | N |
| 18 | B | 74871452 | 400 | PC | WASHER EXT TOOTH LOCK NO 8 | IN | | | | | N |
| 6 | B | 74871589 | 400 | PC | SHIELD GROUND STRAP | IN | | | | | N |
| 22 | B | 74872309 | 100 | PC | WASHER FLAT NYLON 253 ID | IN | | | | | N |
| 2 | D | 74873773 | 100 | PC | DOOR ASSY L H LOUVFRED FRONT | IN | | | | | N |
| 3 | D | 74873777 | 100 | PC | DOOR ASSY R H REAR | IN | | | | | N |
| 5 | D | 74875163 | 100 | PC | COVER CABINET | IN | | | | | N |
| 11 | A | 84709400 | 200 | PC | SCREW SHOULDER-STAIN STL 10-32 | IN | | | | | N |
| 20 | A | 84719800 | 300 | PC | WASHER, NYLON 1/4DTA X ,06 | IN | | | | | N |

NUMBER OF LINE ITEMS = 20
HIGHEST FIND NUMBER = 22

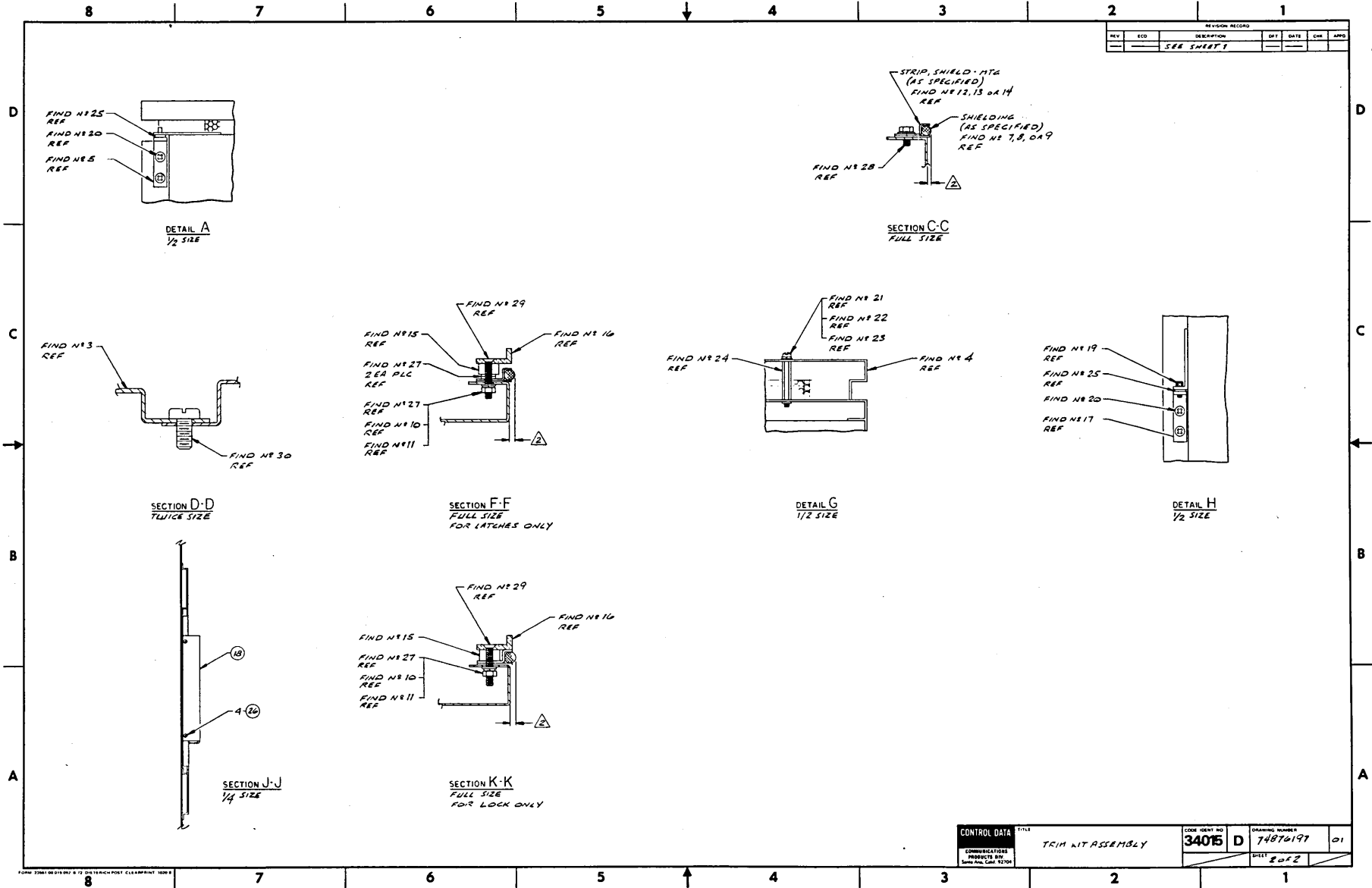
PROJECT ENGINEER
ARDEN HILLS

AA 2708 REV. 7-78



| SHEET REVISION STATUS | | | REVISION RECORD | | | | |
|-----------------------|-----|-------------|-----------------|------|-----|------|--|
| REV | ECO | DESCRIPTION | BY | DATE | CHK | APPD | |
| 2 | J | CLB RELEASE | AV | 2.78 | C | JK | |

| CONTROL DATA | | COMMUNICATIONS | | TITLE | |
|--------------|--------------|----------------|----------|----------------|----------|
| UNIT | DV76-B | PROJECT | TRIM KIT | CODE UNIT NO | D 3405 |
| DR | A. VOISE | DATE | 5-13-78 | DRAWING NUMBER | 74873971 |
| CHKD | E. FEUERBERG | SCALE | 3/8" | SHEET | 1 OF 2 |
| APPD | J. R. ... | | | | |



ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74876197 | 01 | CLB | D | TRIM KIT ASSEMBLY | DM | DY196B | 09/16/78 | 10/02/78 | 1 / 1 |
|-----------------|-----|-------|-------|----------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW #1 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST ISSUE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

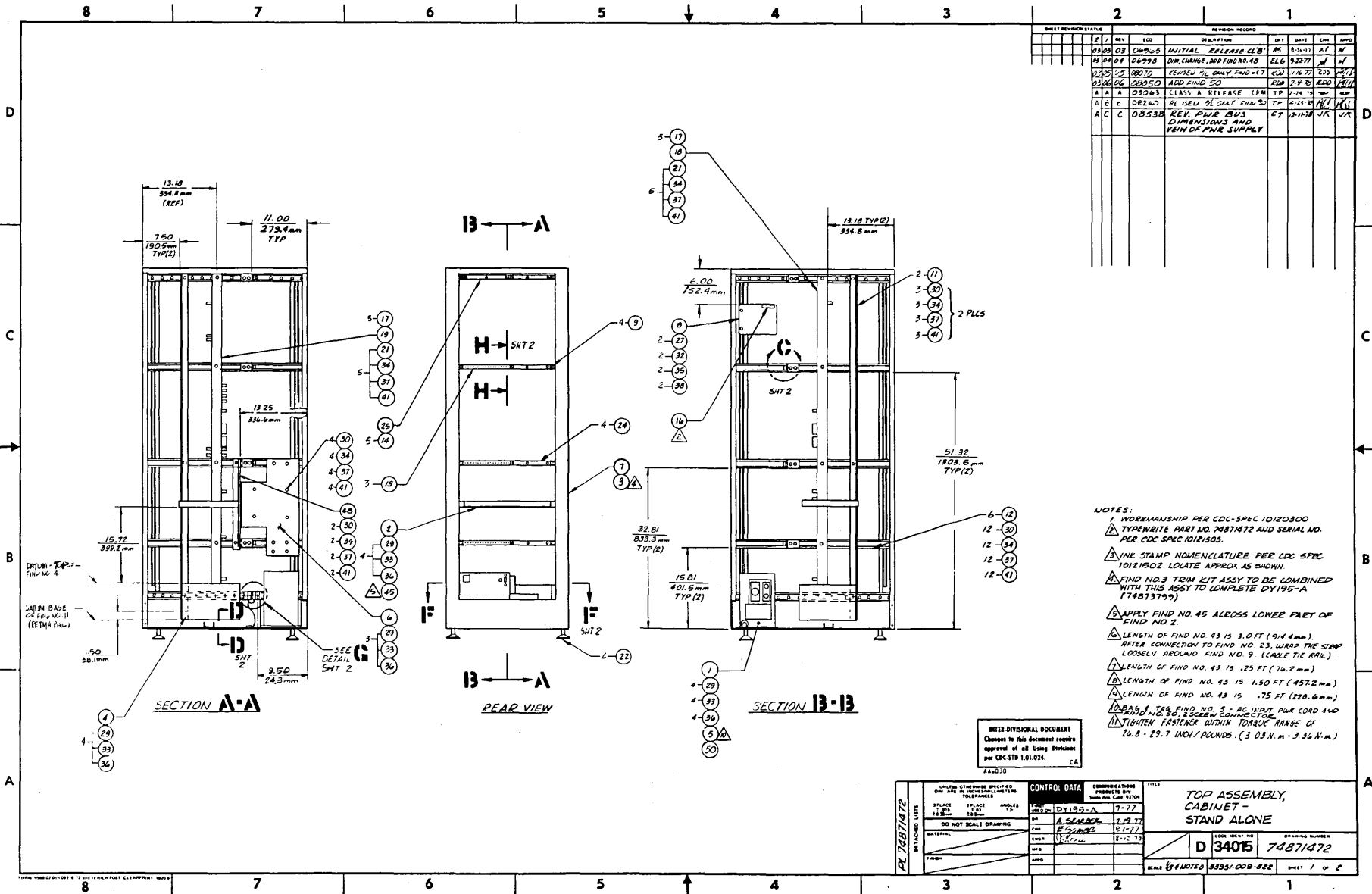
MF

| FIND NUMBER | DW # | PART NUMBER | QUANTITY | UNIT MEAS | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/OUT TYPE | PH | OR | N |
|-------------|------|-------------|----------|-----------|--------------------------------|---------------|--------------------|----------------|---------------|----|----|---|
| 11 | A | 10125106 | 600 | PC | HEXAGON MACHINE SCRFW NUTS | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 27 | A | 10125606 | 1400 | PC | PLAIN WASHERS | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 23 | A | 10125607 | 400 | PC | PLAIN WASHER NO. 10 | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 29 | A | 10125729 | 600 | PC | 82 DEG FH MACH SCR PHL 8-32 | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 20 | A | 10125747 | 800 | PC | 82 DEG FH MACH SCR PHL 10-32 | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 10 | A | 10125804 | 600 | PC | SPRING LOCK WASHERS (MED.) | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 22 | A | 10125805 | 400 | PC | SPRING LOCK WASHERS (MED.) | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 21 | A | 10127143 | 400 | PC | SCR MACH PAV PHL 10-32 | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 26 | C | 17901509 | 400 | PC | 6-32 SCR THD ROLL PHL H PAN | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 6 | C | 17901523 | 5600 | PC | 10-32 SCR THD ROLL PHL H PAN | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 28 | C | 18862622 | 10200 | PC | SCR,THD ROLLING-MEX.WASH HD | IN | 008484 | 10/02/78 | PPP1 | N | | N |
| 24 | A | 38907101 | 400 | PC | STANDOFF W/F. 10-32 1/2LG | IN | 008484 | 10/02/78 | PPP4 | N | | N |
| 5 | B | 74637400 | 200 | PC | BRACKET TOP DOOR STD 19 IN | IN | 008484 | 10/02/78 | PYE4 | N | | N |
| 17 | B | 74637700 | 200 | PC | BRACKET BOTTOM DOOR STD 19 IN | IN | 008484 | 10/02/78 | PPE4 | N | | N |
| 18 | C | 74638000 | 100 | PC | PRINT HOLDER | IN | 008484 | 10/02/78 | PPE4 | N | | N |
| 4 | D | 74875163 | 100 | PC | COVER CABINET | IN | 008484 | 10/02/78 | PYF4 | N | | N |
| 15 | C | 74875454 | 300 | PC | SPACER CATCH | IN | 008484 | 10/02/78 | PPE4 | N | | N |
| 16 | C | 74875458 | 300 | PC | CATCH LATCH | IN | 008484 | 10/02/78 | PPE4 | N | | N |
| 3 | D | 74875471 | 200 | PC | PANEL SIDE SUB-ASSEMBLY | IN | 008484 | 10/02/78 | PYE4 | N | | N |
| 2 | A | 74875478 | 100 | PC | DOOR ASSY REAR | IN | 008484 | 10/02/78 | AYM4 | N | | N |
| 1 | A | 74875479 | 100 | PC | DOOR ASSY FRONT | IN | 008484 | 10/02/78 | AYM4 | N | | N |
| 12 | D | 74875769 | 400 | PC | STRIP SHIELD MOUNTING | IN | 008484 | 10/02/78 | PYE4 | N | | N |
| 13 | D | 74875772 | 200 | PC | STRIP SHIELD MTG 63.44 LG | IN | 008484 | 10/02/78 | PYE4 | N | | N |
| 14 | D | 74875775 | 200 | PC | STRIP SHIFLD MTG 67.70 LG | IN | 008484 | 10/02/78 | PYF4 | N | | N |
| 7 | C | 74875965 | 400 | PC | SHIELDING ELASTOMER CORE 17.94 | IN | 008484 | 10/02/78 | PPE4 | N | | N |
| 8 | C | 74875966 | 200 | PC | SHIELDING ELASTOMER CORE 63.44 | IN | 008484 | 10/02/78 | PPE4 | N | | N |
| 9 | C | 74875967 | 200 | PC | SHIELDING ELASTOMER CORE 67.70 | IN | 008484 | 10/02/78 | PPE4 | N | | N |
| 19 | A | 84709400 | 200 | PC | SCREW,SHOULDER-STAIN STL 10-32 | IN | 008484 | 10/02/78 | PPP4 | N | | N |
| 25 | A | 84719800 | 400 | PC | WASHER, FLAT, NYLON, 1/4 IN. | IN | 008484 | 10/02/78 | PPP4 | N | | N |

NUMBER OF LINE ITEMS = 29
HIGHEST FIND NUMBER = 29

PROJECT ENGINEER

ARDEN HILLS

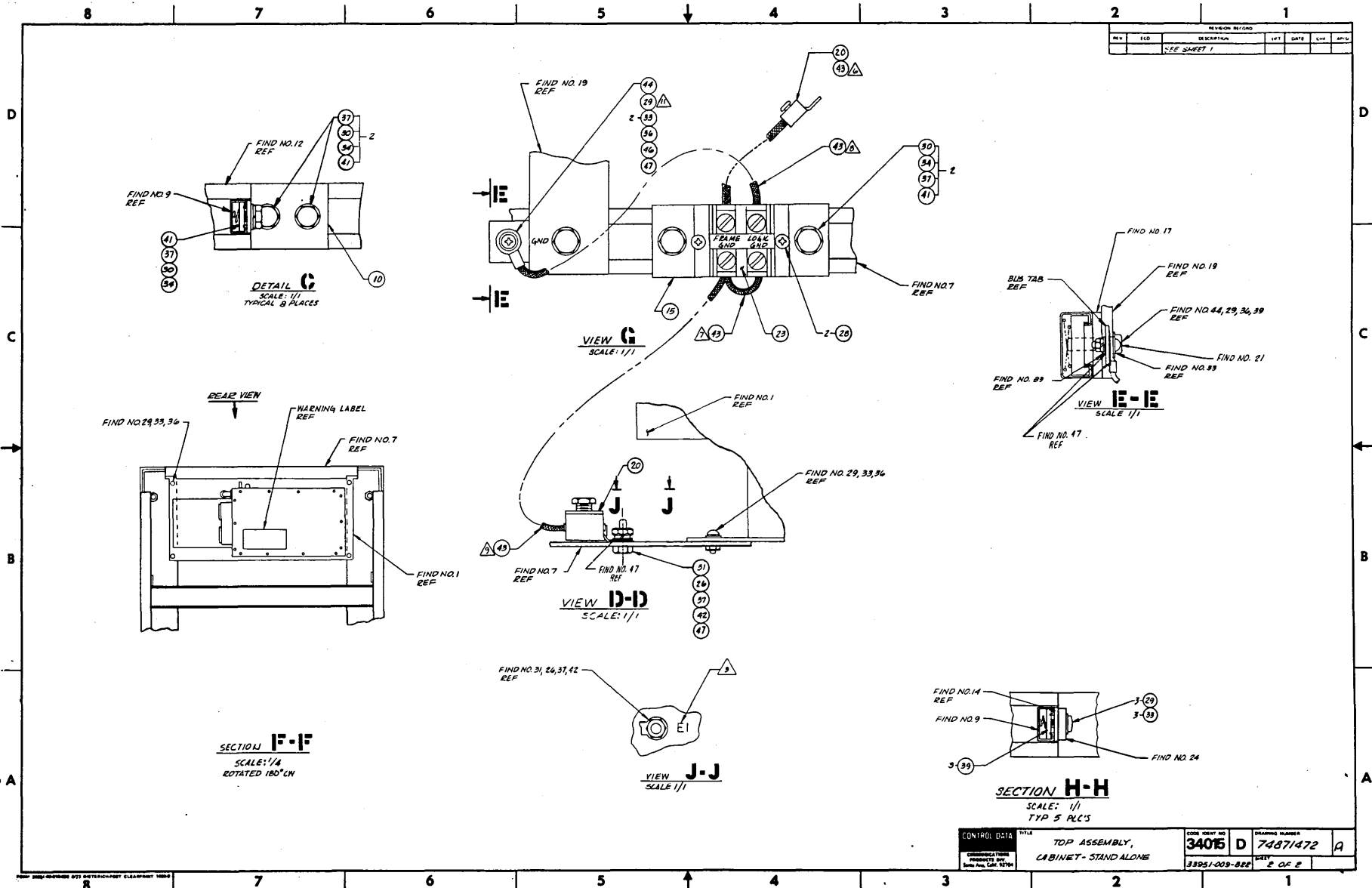


| SHEET REVISION STATUS | | REVISION RECORD | | | | | | |
|-----------------------|-----|---------------------|------|----------|------|----|------|--|
| REV | ECO | DESCRIPTION | DATE | CHK | APPD | BY | DATE | |
| 01 | 05 | INITIAL RELEASE | MS | 8-3-77 | JT | JT | | |
| 02 | 05 | CHANGE, IMPROVING | ELB | 9-27-77 | JT | JT | | |
| 03 | 05 | CLASS A RELEASE | LSM | 11-17-77 | JT | JT | | |
| 04 | 05 | REV. DIMENSIONS AND | CT | 12-11-77 | JK | JK | | |
| 05 | 05 | REV. DIMENSIONS AND | CT | 12-11-77 | JK | JK | | |

- NOTES:
- 1. WORKMANSHIP PER COC-SPEC 10102000
 - 2. TYPEWRITE PART NO. 74871472 AND SERIAL NO. PER COC SPEC 10181505.
 - 3. INK STAMP NOMENCLATURE PER COC SPEC 10121502. LOCATE APPROX AS SHOWN.
 - 4. FIND NO. 3 TRIM KIT ASSY TO BE COMBINED WITH THIS ASSY TO COMPLETE DY195-A (74873799).
 - 5. APPLY FIND NO. 45 ALESS LOWER PART OF FIND NO. 2.
 - 6. LENGTH OF FIND NO. 43 IS 3.0 FT (914.4 mm). AFTER CONNECTION TO FIND NO. 23, WARD THE STAMP LOOSELY AROUND FIND NO. 9. (CABLE TIE RING).
 - 7. LENGTH OF FIND NO. 43 IS .25 FT (76.2 mm).
 - 8. LENGTH OF FIND NO. 43 IS 1.50 FT (457.2 mm).
 - 9. LENGTH OF FIND NO. 43 IS .75 FT (228.6 mm).
 - 10. PASS 1 TAG, FIND NO. 3 - AC INPUT POWER CORD AND FIND NO. 50 - SCREEN CONNECTOR.
 - 11. TIGHTEN FASTENERS WITHIN TORQUE RANGE OF 26.8 - 29.7 INCH POUNDS. (3.03 N.m - 3.36 N.m).

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CRK-STR 1.01.024. CA

| CONTROL DATA | COMMUNICATIONS | TITLE |
|----------------------------------------------------------------------------|-----------------------------|-------------------------------------------|
| PART NO. DY195-A REV. 1-9-77 DESIGNED BY A. SARGENT DATE 12-11-77 | PRODUCED BY DATE 8-12-77 | TOP ASSEMBLY, CABINET - STAND ALONE |
| DRAWING NO. D 34075 REV. 1-9-77 | ORIGINAL NUMBER 74871472 | SHEET 1 OF 2 |



ASSEMBLY PARTS LIST

| 74871472 | G | A | D | CABINET STAND ALONE | CA | 2551 | 02/27/78 | 042241 | 05/19/81 | 1/ 2 MF |
|-----------------|-----|----|----|----------------------|---------------|-------------|--------------|--------------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CL | OP | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | CHANGE ORD. NUMBER | PROCESSING DATE | PAGE NUMBER |

| FIND NUMBER | REV | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | NAME/REV PART TYPE | PH NC | OR N |
|-------------|-----|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 51 | C | 09027805 | 10.00 | PC | WASHER, NONMETALLIC | IN | 009153 | 020180 | PPP1 | | N |
| 46 | A | 10125108 | 1.00 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 42 | A | 10125301 | 1.00 | FC | HEXAGON NUTS | IN | 008658 | 082379 | PPP1 | | N |
| 32 | A | 10125606 | 2.00 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 33 | A | 10125607 | 31.00 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | N |
| 35 | A | 10125804 | 2.00 | PC | SPRING LOCK WASHERS (MEC.) | IN | | | PPP1 | | N |
| 36 | A | 10125805 | 16.00 | FC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 37 | A | 10125806 | 61.00 | FC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 26 | A | 10126404 | 2.00 | PC | EXTERNAL TOOTH LOCK WASHERS | IN | 008658 | 082379 | PPP1 | | N |
| 30 | A | 10126500 | 50.00 | PC | PLAIN HEX HC CAP SCR 1/4-20 | IN | | | PPP1 | | N |
| 21 | A | 10126502 | 11.00 | FC | PLAIN HEX HD CAP SCR 1/4-20 | IN | 008658 | 082379 | PPP1 | | N |
| 27 | A | 10127123 | 2.00 | PC | SCR MACH FAN PHL 8-32 | IN | | | PPP1 | | N |
| 28 | A | 10127125 | 2.00 | PC | SCR MACH FAN PHL 8-32 | IN | | | PPP1 | | N |
| 29 | A | 10127143 | 31.00 | PC | SCF MACH FAN PHL 10-32 | IN | | | PPP1 | | N |
| 20 | C | 13487201 | 2.00 | PC | TERMINAL, FRESSURE SCREW | IN | | | PPP4 | | N |
| 50 | C | 24518102 | 1.00 | FC | COBN FLEX. CND AND CABLE | IN | 008240 | 042578 | PPP1 | | N |
| 43 | C | 24534811 | 66.00 | IN | SHIELD ELECT BRAIDED-BULK | IN | | | PPP2 | | N |
| 38 | A | 39005400 | 2.00 | PC | NUT W/SPRING 8-32 | IN | | | PPP4 | | N |
| 39 | A | 39005401 | 15.00 | PC | NUT W/SPRING 10-32 | IN | | | PPP4 | | N |
| 41 | A | 39005406 | 60.00 | PC | NUT W/SPRING 1/4-20 | IN | | | PPP4 | | N |
| 23 | C | 53714400 | 1.00 | FC | TERMINAL BLCKK, GROUNDING | IN | | | PPP4 | | N |
| 16 | C | 73954300 | 1.00 | PC | NAME PLATE IDENTIFICATION SMAL | IN | | | KTM4 | | N |
| 2 | D | 74481100 | 1.00 | FC | AIR DUCT LOOP MUX CARD CAGE | IN | | | AYM4 | | N |
| 10 | C | 74572200 | 8.00 | FC | BRACKET RAIL MTG CABLE SUPPORT | IN | | | PPE4 | | N |
| 8 | C | 74573900 | 1.00 | PC | PANEL MTG EQUIP ID NAMEPLATE | IN | | | PPE4 | | N |
| 15 | C | 74634400 | 1.00 | FC | BRACKET TERMINAL BLCKK | IN | | | PYE4 | | N |
| 11 | C | 74637800 | 2.00 | FC | ANGLE PANEL MTG 68.25 IN HIGH | IN | | | PPE4 | | N |
| 48 | C | 74637802 | 1.00 | FC | ANGLE PANEL MTG 19.25 IN HIGH | IN | | | PPE4 | | N |
| 14 | C | 74650700 | 5.00 | FC | PLATE MCOUNTING CABLE TIE | IN | | | PPE4 | | N |
| 24 | B | 74870919 | 4.00 | PC | PLATE MULTIPLE TIE 5 BUNDLE | IN | | | PPE4 | | N |
| 25 | B | 74870920 | 1.00 | PC | PLATE MULTIPLE TIE 6 BUNDLE | IN | | | PPE4 | | N |
| 12 | C | 74871588 | 6.00 | FC | CHANNEL UNISTPUT | IN | | | PPE4 | | N |
| 13 | C | 74872274 | 3.00 | FC | PLATE GND CABLE MTG | IN | | | PYE4 | | N |
| 4 | D | 74873659 | 1.00 | FC | BLCHER AY LOOP MUX | IN | | | AYM4 | | N |
| 3 | D | 74873779 | 1.00 | FC | TRIM KIT ASSY SINGLE BAY | IN | | | AYM4 | | N |
| 1 | C | 74874010 | 1.00 | FC | POWER DISTRIBUTION BOX ASSY | OUT | 042241 | 051981 | AYM4 | | N |

ARDEN HILLS MFG INFO

PRINTED IN U.S.A.

ASSEMBLY PARTS LIST

| 74871472 | G | A | D | CABINET STAND ALONE | CA | 2551 | 02/27/78 | 042241 | 05/19/81 | 2/ 2 MF |
|-----------------|-----|----|----|----------------------|---------------|-------------|--------------|--------------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CL | OP | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | CHANGE ORD. NUMBER | PROCESSING DATE | PAGE NUMBER |

| FIND NUMBER | REV | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | NAME/REV PART TYPE | PH NC | OR N |
|-------------|-----|-------------|----------|------------|-----------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 9 | C | 74874145 | 4.00 | PC | SUPPORT RAIL CABLE | IN | | | PPE4 | | N |
| 19 | D | 74874160 | 1.00 | PC | BUSS PWR 4 LAYER | IN | | | PPE4 | | N |
| 18 | D | 74874161 | 1.00 | FC | BUSS PWR 2 LAYER | IN | | | PPE4 | | N |
| 17 | E | 74874504 | 10.00 | PC | INSULATOR | IN | | | PPE4 | | N |
| 5 | E | 74874521 | 1.00 | PC | CABLE AY AC PWR INPUT | IN | | | AYM4 | | N |
| 7 | C | 74875182 | 1.00 | FC | FRAME ASSEMBLY EXTENDED | IN | | | PYE4 | | N |
| 6 | D | 74875202 | 1.00 | PC | BRACKET PWR SUPPLY MOUNTING | IN | | | PYE4 | | N |
| 1 | D | 74880178 | 1.00 | FC | POWER DISTRIBUTION BOX ASSY | IN | 042241 | 051981 | AYM4 | | N |
| 22 | A | 84721700 | 4.00 | FC | LEVELING PAC | IN | | | PPP4 | | N |
| 34 | | 93212010 | 50.00 | PC | WASHER FLAT 1/4 | IN | | | PPP4 | | N |
| 45 | | 95116300 | 36.00 | IN | ELECTRICAL TAPE | IN | | | PPP4 | | N |
| 44 | | 95866937 | 1.00 | PC | TERMINAL RING 10 | IN | | | PPP3 | | N |

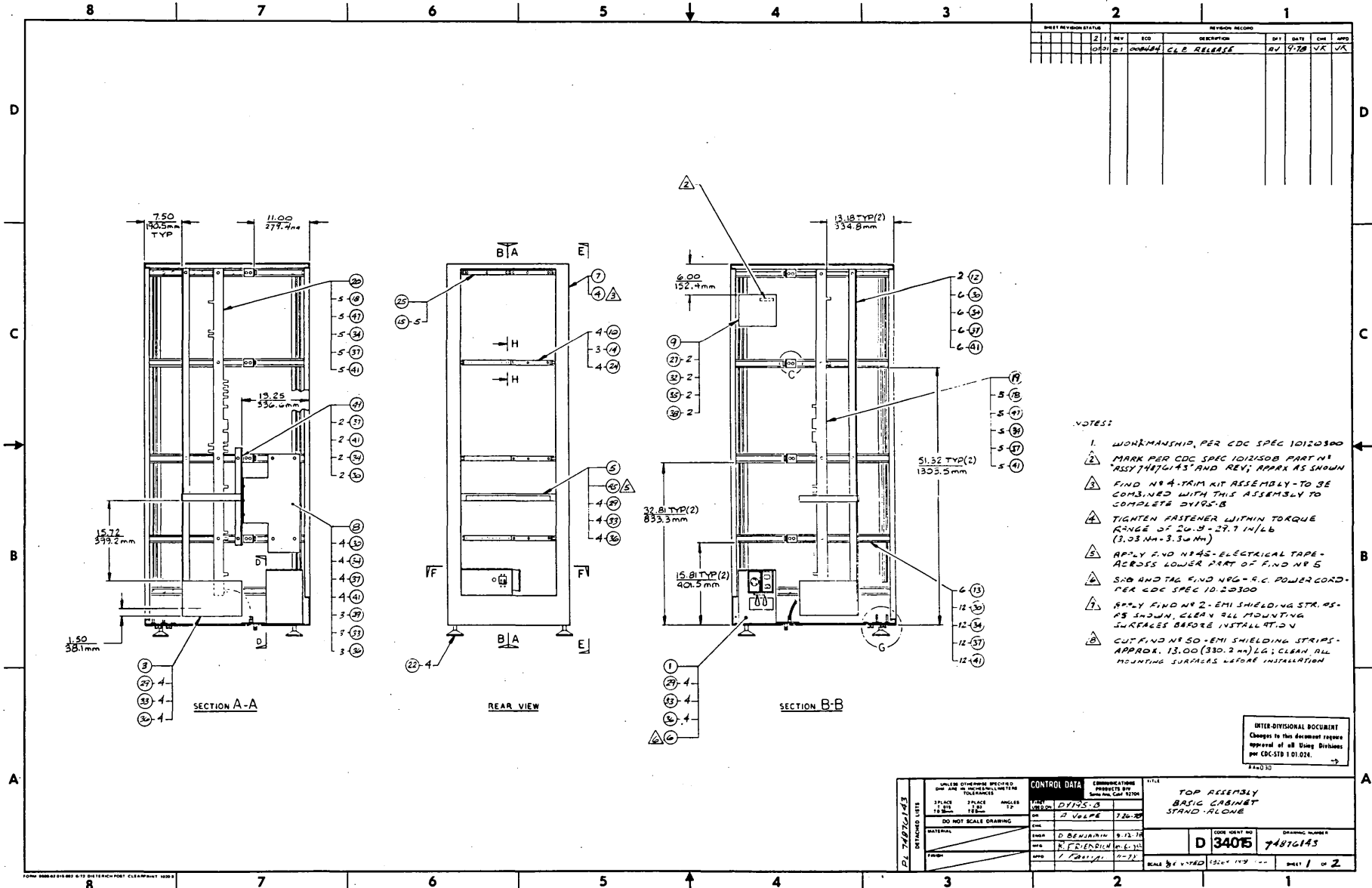
NUMBER OF LINE ITEMS = 48
HIGHEST FIND NUMBER = 51

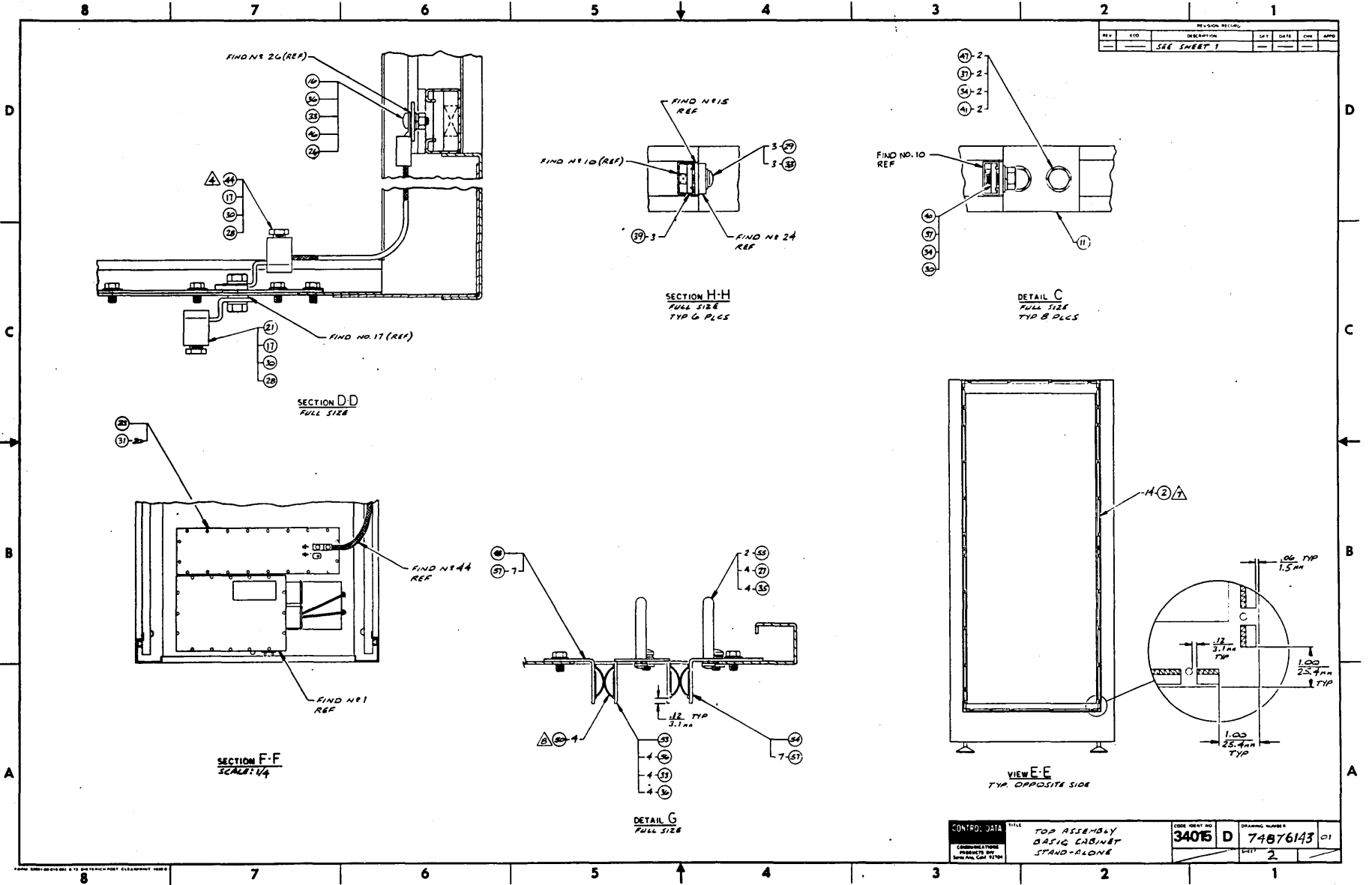
ARDEN HILLS MFG INFO

PRINTED IN U.S.A.

74873971 B

7-97





ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74876143 | 01 | CLB | D | TOP ASSEMBLY BASIC CABINET | DM | DY195B | 09/16/78 | 09/16/78 | 1 / 2 |
|-----------------|-----|-------|-------|----------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW 22 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER | DW 22 | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | Q ON N |
|-------------|-------|-------------|----------|------------|----------------------------------|---------------|--------------------|----------------|--------------------|-------|--------|
| 46 | A | 10125108 | 100 | PC | HEXAGON MACHINE SCREW NUTS | IN | | | PPP1 | | N |
| 32 | A | 10125606 | 200 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 33 | A | 10125607 | 2300 | PC | PLAIN WASHER NO. 10 | IN | | | PPP1 | | N |
| 28 | A | 10125608 | 200 | PC | PLAIN WASHERS | IN | | | PPP1 | | N |
| 35 | A | 10125804 | 600 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 36 | A | 10125805 | 2000 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 37 | A | 10125806 | 5200 | PC | SPRING LOCK WASHERS (MED.) | IN | | | PPP1 | | N |
| 26 | A | 10126105 | 100 | PC | INTERNAL TOUTH LOCK WASHERS | IN | | | PPP1 | | N |
| 17 | A | 10126106 | 200 | PC | INTERNAL TOUTH LOCK WASHERS | IN | | | PPP1 | | N |
| 30 | A | 10126500 | 3200 | PC | PLAIN HEX HD. CAP SCR 1/4-20 | IN | | | PPP1 | | N |
| 47 | A | 10126502 | 2200 | PC | PLAIN HEX HD. CAP SCR 1/4-20 | IN | | | PPP1 | | N |
| 27 | A | 10127123 | 600 | PC | SCR MACH PAV. PHL 8-32 | IN | | | PPP1 | | N |
| 56 | A | 10127142 | 400 | PC | SCR MACH PAV. PHL 10-32 | IN | | | PPP1 | | N |
| 29 | A | 10127143 | 1800 | PC | SCR MACH PAV. PHL 10-32 | IN | | | PPP1 | | N |
| 16 | A | 10127380 | 100 | PC | SCR, MACH, PAV. HD 10-32X.500 LG | IN | | | PPP1 | | N |
| 21 | C | 13487201 | 100 | PC | TERMINAL, PRESSURE SCREW | IN | | | PPP4 | | N |
| 31 | C | 18862622 | 2000 | PC | SCR, THD ROLLING-HEX, WASH HD | IN | | | PPP1 | | N |
| 57 | C | 18862629 | 1400 | PC | SCR, THD ROLLING-HEX, WASH HD | IN | | | PPP1 | | N |
| 38 | A | 39005400 | 200 | PC | NUT W/SPRING 8-32 | IN | | | PPP4 | | N |
| 39 | A | 39005401 | 1800 | PC | NUT W/SPRING 10-32 | IN | | | PPP4 | | N |
| 40 | A | 39005403 | 800 | PC | NUT W/SPRING 1/4-20 | IN | | | PPP4 | | N |
| 41 | A | 39005406 | 4800 | PC | NUT W/SPRING 1/4-20 | IN | | | PPP4 | | N |
| 5 | D | 74481100 | 100 | PC | AIR DUCT LOOP MUX CARD CAGE | IN | | | AYM4 | | N |
| 11 | C | 74572200 | 800 | PC | BRACKET RAIL MTG CABLE SUPPORT | IN | | | PPE4 | | N |
| 9 | C | 74573900 | 100 | PC | PANEL MTG EQUIP ID NAMEPLATE | IN | | | PPE4 | | N |
| 12 | C | 74637800 | 200 | PC | ANGLE PANEL MTG 68.25 IN HIGH | IN | | | PPE4 | | N |
| 49 | C | 74637802 | 100 | PC | ANGLE PANEL MTG 19.25 IN HIGH | IN | | | PPE4 | | N |
| 15 | C | 74650700 | 500 | PC | PLATE MOUNTING CAM F TIE | IN | | | PPE4 | | N |
| 24 | R | 74870919 | 400 | PC | PLATE MULTIPLE TIF 5 BUNDLE | IN | | | PPE4 | | N |
| 25 | R | 74870920 | 100 | PC | PLATE MULTIPLE TIF 6 BUNDLE | IN | | | PPE4 | | N |
| 13 | C | 74871588 | 600 | PC | CHANNEL UNISTRUT | IN | | | PPE4 | | N |
| 14 | C | 74872274 | 300 | PC | PLATE GND CABLE MTG | IN | | | PPE4 | | N |
| 10 | C | 74874145 | 400 | PC | SUPPORT RAIL CABLE | IN | | | PPE4 | | N |
| 20 | D | 74874160 | 100 | PC | BUSS PWR 4 LAYER | IN | | | PPE4 | | N |
| 19 | D | 74874161 | 100 | PC | BUSS PWR 2 LAYER | IN | | | PPE4 | | N |
| 18 | R | 74874504 | 1000 | PC | INSULATOR | IN | | | PPE4 | | N |

PROJECT ENGINEER ARDEN HILLS

AA 2708 REV. 7-78

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| 74876143 | 01 | CLB | D | TOP ASSMBLY BASIC CABINET | DM | DY195B | 09/16/78 | 09/16/78 | 2 / 2 |
|-----------------|-----|-------|-------|---------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW 22 | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

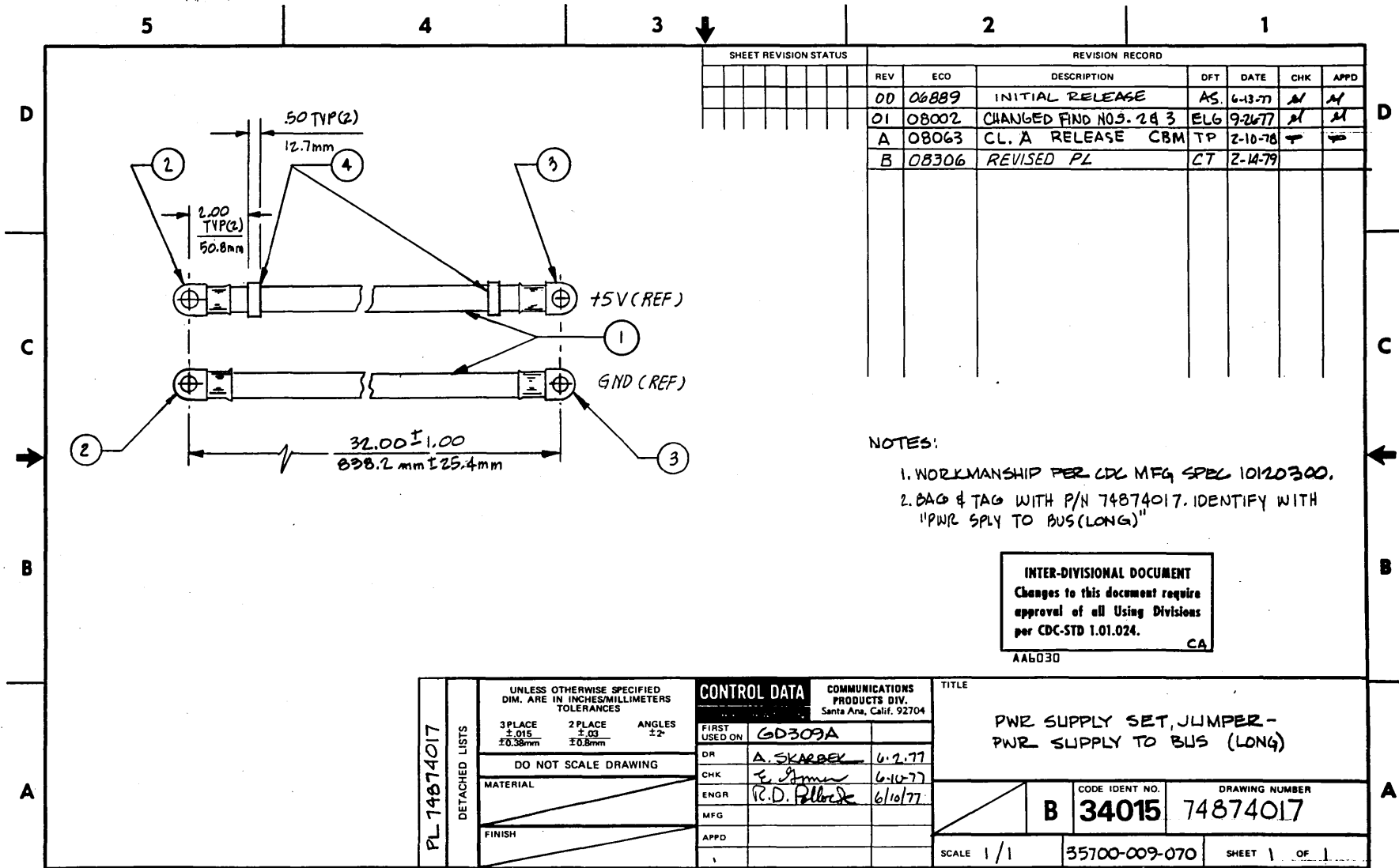
MF

| FIND NUMBER | DW 22 | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | Q ON N |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|--------|
| 6 | B | 74874521 | 100 | PC | CABLE AY AC PWR INPUT | IN | | | AYM4 | | N |
| 8 | D | 74875202 | 100 | PC | BRACKET PWR SUPPLY MOUNTING | IN | | | PYE4 | | N |
| 4 | D | 74875451 | 100 | PC | TRIM KIT ASSY | IN | | | KTM4 | | N |
| 48 | D | 74875453 | 100 | PC | BRACKET ANGLE | IN | | | PPE4 | | N |
| 53 | D | 74875455 | 100 | PC | CLAMP SLIDE | IN | | | PPE4 | | N |
| 54 | D | 74875457 | 100 | PC | CLAMP SLIDE | IN | | | PPE4 | | N |
| 1 | D | 74875598 | 100 | PC | POWER DISTRIBUTION ROX | IN | | | AYM4 | | N |
| 7 | D | 74875910 | 100 | PC | CABINET FRAME SUB-ASSEMBLY | IN | | | PYE4 | | N |
| 44 | C | 74876002 | 100 | PC | STRAP GROUND 12.00 IN LG | IN | | | AYM4 | | N |
| 2 | R | 74876016 | 1400 | PC | SHIELDING STRIP TWIST SERIES | IN | | | PPE4 | | N |
| 50 | C | 74876018 | 400 | PC | SHIELDING STRIP FINGER CONTACT | IN | | | PPE4 | | N |
| 3 | D | 74876076 | 100 | PC | BLOWER ASSY+LOOP MIX | IN | | | AYM4 | | N |
| 23 | C | 74876173 | 100 | PC | COVER PLATE ASSEMBLY | IN | | | | | N |
| 55 | B | 74876174 | 200 | PC | HANDLE BRASS NIC PIATE 4.00 IN | IN | | | | | N |
| 22 | A | 84721700 | 400 | PC | LEVELING PAD | IN | | | PPP4 | | N |
| 34 | | 93212010 | 5200 | PC | WASHER FLAT 1/4 | IN | | | PPP4 | | N |
| 45 | | 95116300 | 3600 | IN | ELECTRICAL TAPE | IN | | | PPP4 | | N |

NUMBER OF LINE ITEMS = 53
HIGHEST FIND NUMBER = 57

PROJECT ENGINEER ARDEN HILLS

AA 2708 REV. 7-78



| SHEET REVISION STATUS | | | | REVISION RECORD | | | |
|-----------------------|-------|------------------------|-----|-----------------|---------|------|--|
| REV | ECO | DESCRIPTION | DFT | DATE | CHK | APPD | |
| 00 | 06889 | INITIAL RELEASE | AS | 6-13-77 | M | M | |
| 01 | 08002 | CHANGED FND NOS. 2 & 3 | ELG | 9-26-77 | M | M | |
| A | 08063 | CL. A RELEASE | CBM | TP | 2-10-78 | M | |
| B | 08306 | REVISED PL | CT | 2-14-79 | | | |

- NOTES:
1. WORKMANSHIP PER CDC MFG SPEC 10120300.
 2. BAG & TAG WITH P/N 74874017. IDENTIFY WITH "PWR SPLY TO BUS (LONG)"

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024. CA
 AA6030

| | | | | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| DETACHED LISTS PL 74874017 | UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES/MILLIMETERS TOLERANCES 3 PLACE ±.015 ±0.38mm 2 PLACE ±.03 ±0.8mm ANGLES ±2° | CONTROL DATA FIRST USED ON: GD309A DR: A. SKARBEK 6-2-77 CHK: E. J. JAMES 6-14-77 ENGR: R. D. FLECK 6/10/77 MFG: APPD: | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | TITLE PWR SUPPLY SET, JUMPER - PWR SUPPLY TO BUS (LONG) |
| | DO NOT SCALE DRAWING | | | |
| | MATERIAL | | | CODE IDENT NO. B 34015 DRAWING NUMBER 74874017 |
| | FINISH | | | SCALE 1/1 35700-009-070 SHEET 1 OF 1 |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|-------|----------------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74874017 | A | CLA | B | PWR SUPPLY SET JUMPER PWR SUPPLY | DM | 2551 | 02/15/78 | 02/15/78 | 1/1 |
| ASSEMBLY NUMBER | REV | CLASS | DM ST | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

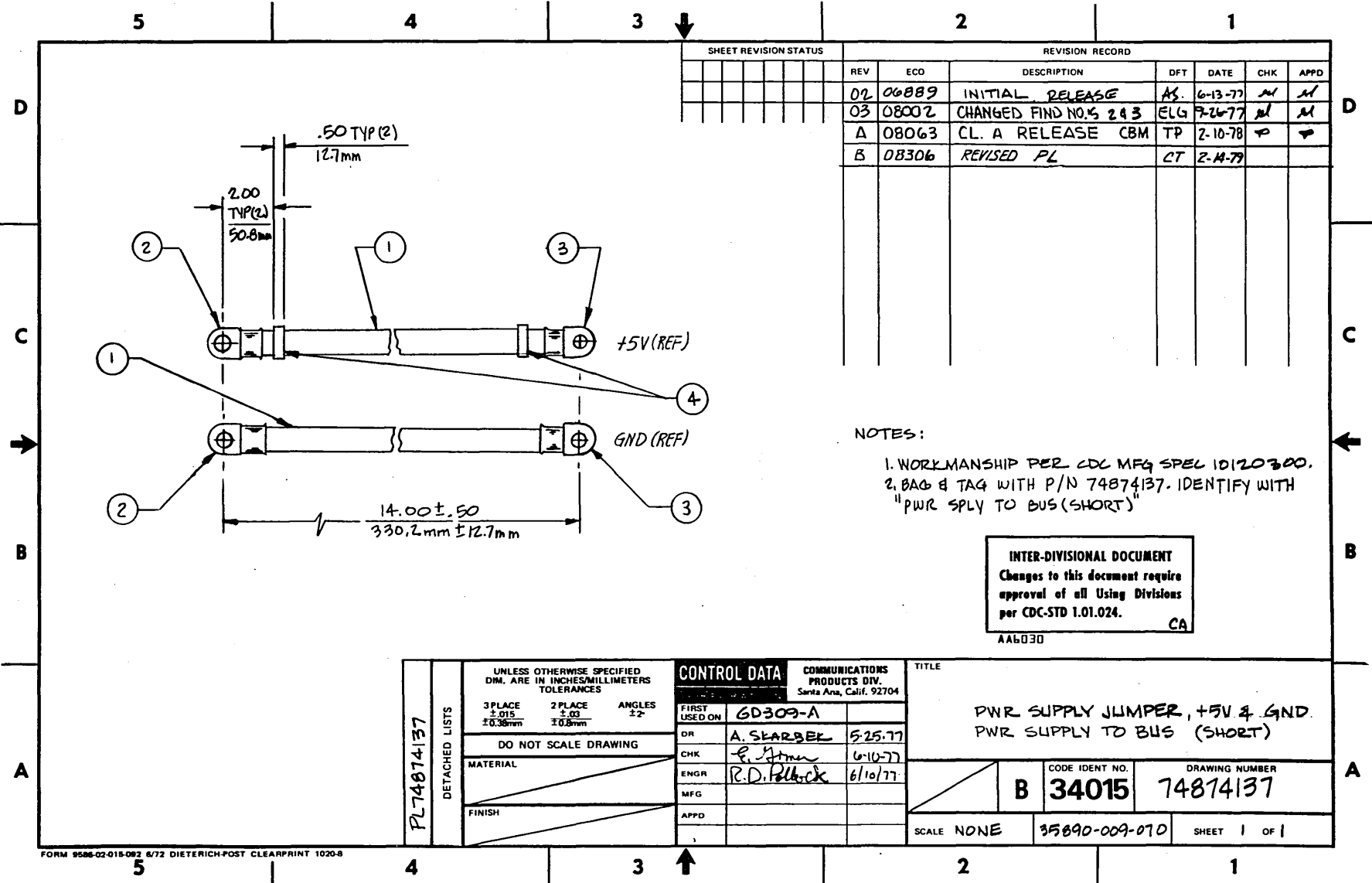
MF

| FIND NUMBER | DM ST | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | OR N |
|-------------|-------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|------|
| 4 | C | 24534723 | 200 | IN | SLEEVING HEAT SHRINKABLE | IN | | | PPP1 | | N |
| 1 | C | 53238303 | 3600 | IN | WIRE ELEC INSULATED EXTRA FLEX | IN | | | PPP3 | | N |
| 3 | A | 74874773 | 200 | PC | TERMINAL LUG 1 0 AWG 1 4 DIA | IN | | | | | N |
| 2 | A | 74874774 | 200 | PC | TERMINAL LUG 1 0 AWG 5 16 DIA | IN | | | | | N |

NUMBER OF LINE ITEMS = 4
 HIGHEST FIND NUMBER = 4

PROJECT ENGINEER

ARDEN HILLS



| SHEET REVISION STATUS | | | | REVISION RECORD | | | | | | |
|-----------------------|-------|------------------------|-----|-----------------|-----|------|--|--|--|--|
| REV | ECO | DESCRIPTION | DFT | DATE | CHK | APPD | | | | |
| 02 | 06889 | INITIAL RELEASE | AS | 6-13-77 | M | M | | | | |
| 03 | 08002 | CHANGED FIND NO. 5 243 | ELG | 7-26-77 | M | M | | | | |
| A | 08063 | CL. A RELEASE CBM TP | TP | 7-10-78 | M | M | | | | |
| B | 08306 | REVISED PL | CT | 2-14-79 | | | | | | |

- NOTES:
1. WORKMANSHIP PER CDC MFG SPEL 10120300.
 2. BAG & TAG WITH P/N 74874137. IDENTIFY WITH "PWR SPLY TO BUS (SHORT)"

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.
 CA
 AA6030

| | | | | | | | | |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--|------------|--------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------|-------------------------|--|
| DETACHED LISTS PL74874137 | UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES/MILLIMETERS TOLERANCES 3 PLACE ±.015 ±0.38mm 2 PLACE ±.03 ±0.8mm ANGLES ±2° | | | CONTROL DATA COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | TITLE PWR SUPPLY JUMPER, +5V & GND. PWR SUPPLY TO BUS (SHORT) | | |
| | DO NOT SCALE DRAWING | | | FIRST USED ON | GD309-A | | | |
| | MATERIAL | | | DR | A. Searse | 5-25-77 | | |
| | FINISH | | | CHK | R. D. Pollock | 6-10-77 | | |
| | | | ENGR | R. D. Pollock | 6/10/77 | | | |
| | | | MFG | | | | | |
| | | | APPD | | | | | |
| | | | SCALE NONE | | 35890-009-070 | CODE IDENT NO. B 34015 | DRAWING NUMBER 74874137 | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON SPARE PARTS

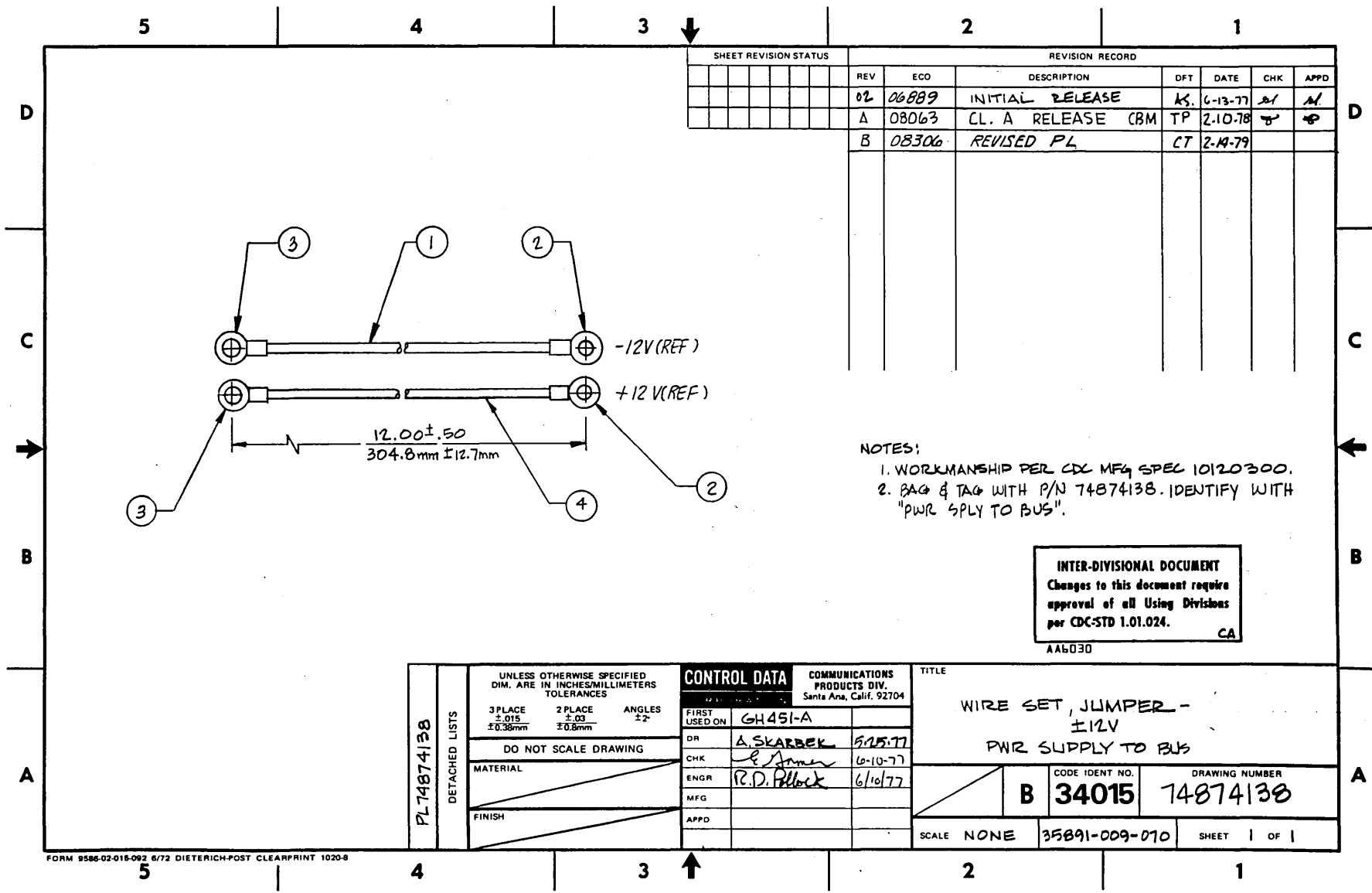
| 74874137 | A | CLA | B | PWR SUPPLY JUMPER PLUS MINUS BV DM | 2551 | 02/15/78 | 02/15/78 | 1/ 1 | |
|-----------------|-----|-------|------|------------------------------------|---------------|-------------|--------------|-----------------|-------------|
| ASSEMBLY NUMBER | REV | CLASS | DW # | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER | DW # | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | Q |
|------------------------------------------------------|------|-------------|----------|------------|--------------------------------|---------------|--------------------|----------------|--------------------|-------|---|
| 4 | C | 24534723 | 200 | IN | SLEEVING HEAT SHRINKABLE | IN | | | | | N |
| 1 | C | 53238303 | 3600 | IN | WIRE ELEC INSULATED EXTRA FLEX | IN | | | PPP1 | | N |
| 3 | A | 74874773 | 200 | PC | TERMINAL LUG 1 0 AWG 1 4 DIA | IN | | | PPP3 | | N |
| 2 | A | 74874774 | 200 | PC | TERMINAL LUG 1 0 AWG 5 16 DIA | IN | | | | | N |
| NUMBER OF LINE ITEMS = 4 HIGHEST FIND. NUMBER = 4 | | | | | | | | | | | |

PROJECT ENGINEER

ARDEN HILLS



| SHEET REVISION STATUS | | | | REVISION RECORD | | | | | |
|-----------------------|-------|-------------------|-----|-----------------|-----|------|--|--|--|
| REV | ECO | DESCRIPTION | DFT | DATE | CHK | APPD | | | |
| 02 | 06889 | INITIAL RELEASE | KS | 6-13-77 | AM | AM | | | |
| A | 08063 | CL. A RELEASE CBM | TP | 2-10-78 | TP | TP | | | |
| B | 08306 | REVISED PL | CT | 2-14-79 | | | | | |

- NOTES:
1. WORKMANSHIP PER CDC MFG SPEC 10120300.
 2. BAG & TAG WITH P/N 74874138. IDENTIFY WITH "PWR SPLY TO BUS".

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.
 CA
 AA6030

| | | | | | | | | |
|------------------------------|----------------------------------------------------------------------|---------------------------|---------------------|--------------------------|---------------------------------------------------------|---------|-------------------------------------------------------|-----------------------------------|
| PL74874138 DETACHED LISTS | UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES/MILLIMETERS TOLERANCES | | CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | TITLE WIRE SET, JUMPER - ±12V PWR SUPPLY TO BUS | |
| | 3 PLACE ±.015 ±0.38mm | 2 PLACE ±.03 ±0.8mm | ANGLES ±2° | FIRST USED ON GH451-A | DR A. SKARBEK | 5/15/77 | CODE IDENT NO. B 34015 | DRAWING NUMBER 74874138 |
| | DO NOT SCALE DRAWING | | | CHK R. D. Block | ENGR R. D. Block | 6/10/77 | SCALE NONE | SHEET 1 OF 1 |
| | MATERIAL | FINISH | | APPD | | | | |

ASSEMBLY PARTS LIST

SPARE CODE
S = SPARE PARTS
N = NON-SPARE PARTS

| | | | | | | | | | |
|-----------------|-----|-------|----|--------------------------------|---------------|-------------|--------------|-----------------|-------------|
| 74874138 | A | CLA | B | WIRE SET JUMPER PLUS MINUS 12V | DM | 2551 | 02/15/78 | 02/15/78 | 1/1 |
| ASSEMBLY NUMBER | REV | CLASS | DW | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER |

MF

| FIND NUMBER | DW | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | PH NC | S. OR |
|-------------|----|-------------|----------|------------|-------------------------------|---------------|--------------------|----------------|--------------------|-------|-------|
| 4 | A | 93508333 | 1200 | IN | WIRE ELECTRICAL 14 AWG #3 | IN | | | PPP2 | | N |
| 1 | A | 93508666 | 1200 | IN | WIRE ELECTRICAL 14 AWG #6 | IN | | | PPP2 | | N |
| 2 | | 95867013 | 200 | PC | RING TERM 14-16AWG NU 5 OR 6 | IN | | | | | N |
| 3 | | 95867014 | 200 | PC | RING TERM 14-16AWG NU 8 OR 10 | IN | | | | | N |

NUMBER OF LINE ITEMS = 4
HIGHEST FIND NUMBER = 4

PROJECT ENGINEER
ARDEN HILLS

WIRE LISTS

8

This section contains the wire lists applicable to cable and electrical assemblies used to construct the basic, bolt-on, and stand-alone cabinets of the network processor unit.

| | | | | | | | | |
|------|------------|----------|---------------------------------------------------------|---------------|------------------------------------------------------------|--------|---------------|--------------|
| DWH | ED GOMER | 8-31-76 | CONTROL DATA | TITLE | MEMORY INTERCONNECT CABLE ASSY WIRE LIST 9 PAIR QUAD | PREFIX | DOCUMENT NO. | REV |
| CHGD | JL | 11-11-76 | | | | WL | 74872521 | A |
| ENG | J T KRILES | 10-26-76 | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Ca. 92704 | FIRST USED ON | DY182-A | | 34529-028-070 | SHEET 1 OF 5 |
| MFG | | | CODE IDENT | | | | | |
| APPR | | | 34015 | | | | | |

| SHEET REVISION STATUS | | | | | | | | | | REVISION RECORD | | | | |
|-----------------------|----|----|----|----|-----|-------|------------------|------|---------|-----------------|--|--|--|--|
| 5 | 4 | 3 | 2 | 1 | REV | ECO | DESCRIPTION | DRFT | DATE | APP | | | | |
| 01 | 01 | 01 | 01 | 01 | 01 | 06591 | INITIAL RELEASE | ELQ | 8-31-76 | M | | | | |
| A | A | A | A | A | A | 08063 | CL.A RELEASE CBM | TP | 3-22-78 | P | | | | |

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024.

AA6030 CA

NOTES:

DETACHED LISTS

FORM 19246-01-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

34529-028-070

| CONTROL DATA | | | | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | | CODE IDENT | SHEET 2 OF 5 | | WL | DOCUMENT NO. | REV. |
|------------------|----------|-------------|-------------|-----------------|---------------------------------------------------------|-----------------|-------------|-----------------|----------------------------|--|----|--------------|------|
| | | | | | | | | 34015 | | | | 74872521 | A |
| CONDUCTOR IDENT. | FIND NO. | GALGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | ACCESS FIND NO. | DESTINATION | ACCESS FIND NO. | REMARKS | | | | |
| 1 | 3 | 24 | WHT | 60.0 | P1 | 3 | P7 | 3 | MUX ← BASE | | | | |
| 2 | ↑ | ↑ | BLK | ↑ | ↑ | 15 | ↑ | 15 | V206/V230 (DATA 04) GND | | | | |
| 3 | ↑ | ↑ | WHT | ↑ | ↑ | 4 | ↑ | 4 | V207/V231 (DATA 03) GND | | | | |
| 4 | ↑ | ↑ | BLK | ↑ | ↑ | 16 | ↑ | 16 | V208/V232 (DATA 02) GND | | | | |
| 5 | ↑ | ↑ | WHT | ↑ | ↑ | 5 | ↑ | 5 | V209/V233 (DATA 01) GND | | | | |
| 6 | ↑ | ↑ | BLK | ↑ | ↑ | 17 | ↑ | 17 | V210/V234 (DATA 10) GND | | | | |
| 7 | ↑ | ↑ | WHT | ↑ | ↑ | 6 | ↑ | 6 | V211/V235 (DATA 05) GND | | | | |
| 8 | ↑ | ↑ | BLK | ↑ | ↑ | 18 | ↑ | 18 | V212/V236 (DATA 09) GND | | | | |
| 9 | ↑ | ↑ | WHT | ↑ | ↑ | 7 | ↑ | 7 | V213/V237 (DATA 06) GND | | | | |
| 10 | ↑ | ↑ | BLK | ↑ | ↑ | 19 | ↑ | 19 | V214/V238 (DATA 08) GND | | | | |
| 11 | ↑ | ↑ | WHT | ↑ | ↑ | 8 | ↑ | 8 | | | | | |
| 12 | ↑ | ↑ | BLK | ↑ | ↑ | 20 | ↑ | 20 | | | | | |
| 13 | ↑ | ↑ | WHT | ↑ | ↑ | 9 | ↑ | 9 | | | | | |
| 14 | ↑ | ↑ | BLK | ↑ | ↑ | 21 | ↑ | 21 | | | | | |
| 15 | ↑ | ↑ | WHT | ↑ | ↑ | 10 | ↑ | 10 | | | | | |
| 16 | ↑ | ↑ | BLK | ↑ | ↑ | 22 | ↑ | 22 | | | | | |
| 17 | ↓ | ↓ | WHT | ↓ | ↓ | 11 | ↓ | 11 | | | | | |
| 18 | 3 | 24 | BLK | 60.0 | P1 | 23 | P7 | 23 | V214/V238 (DATA 08) GND | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |

FORM 23582-00-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

34529-028-070

| COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | | | | CODE IDENT 34015 | SHEET 3 OF 5 | WL | DOCUMENT NO. 74872521 | REV. A | |
|---------------------------------------------------------|----------|-------------|-------------|-----------------|---------------------|--------------|-------------|--------------------------|-----------------|---------------------|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | | DESTINATION | | ACCESS FIND NO. | REMARKS |
| 27 | 3 | 24 | WHT | 63.0 | P2 | 3 | P8 | 3 | 2 | MUX ← BASE |
| 28 | ↑ | ↑ | BLK | ↑ | ↑ | 15 | ↑ | 15 | ↑ | GND |
| 29 | ↑ | ↑ | WHT | ↑ | ↑ | 4 | ↑ | 4 | ↑ | V219/V243 (DATA 16) |
| 30 | ↑ | ↑ | BLK | ↑ | ↑ | 16 | ↑ | 16 | ↑ | GND |
| 31 | ↑ | ↑ | WHT | ↑ | ↑ | 5 | ↑ | 5 | ↑ | V220/V244 (DATA 11) |
| 32 | ↑ | ↑ | BLK | ↑ | ↑ | 17 | ↑ | 17 | ↑ | GND |
| 33 | ↑ | ↑ | WHT | ↑ | ↑ | 6 | ↑ | 6 | ↑ | V221/V245 (DATA 15) |
| 34 | ↑ | ↑ | BLK | ↑ | ↑ | 18 | ↑ | 18 | ↑ | GND |
| 35 | ↑ | ↑ | WHT | ↑ | ↑ | 7 | ↑ | 7 | ↑ | V222/V246 (DATA 12) |
| 36 | ↑ | ↑ | BLK | ↑ | ↑ | 19 | ↑ | 19 | ↑ | GND |
| 37 | ↑ | ↑ | WHT | ↑ | ↑ | 8 | ↑ | 8 | ↑ | V223/V247 (DATA 14) |
| 38 | ↑ | ↑ | BLK | ↑ | ↑ | 20 | ↑ | 20 | ↑ | GND |
| 39 | ↑ | ↑ | WHT | ↑ | ↑ | 9 | ↑ | 9 | ↑ | V224/V248 (DATA 13) |
| 40 | ↑ | ↑ | BLK | ↑ | ↑ | 21 | ↑ | 21 | ↑ | GND |
| 41 | ↑ | ↑ | WHT | ↑ | ↑ | 10 | ↑ | 10 | ↑ | V225/V249 (SC/MPL) |
| 42 | ↑ | ↑ | BLK | ↑ | ↑ | 22 | ↑ | 22 | ↑ | GND |
| 43 | ↓ | ↓ | WHT | ↓ | ↓ | 11 | ↓ | 11 | ↓ | V226/V250 (PRF/MPB) |
| 44 | 3 | 24 | BLK | 63.0 | P2 | 23 | P8 | 23 | 2 | GND |
| 45 | | | | | | | | | | |
| 46 | | | | | | | | | | |
| 47 | | | | | | | | | | |
| 48 | | | | | | | | | | |
| 49 | | | | | | | | | | |
| 50 | | | | | | | | | | |
| 51 | | | | | | | | | | |
| 52 | | | | | | | | | | |

FORM 23562-00-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

34529-028-070

| COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | | | | CODE IDENT 34015 | SHEET 4 OF 5 | WL | DOCUMENT NO. 74872521 | REV. A | |
|---------------------------------------------------------|----------|-------------|-------------|-----------------|---------------------|--------------|-------------|--------------------------|-----------------|---------------------|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | | DESTINATION | | ACCESS FIND NO. | REMARKS |
| 53 | 3 | 24 | WHT | 60.0 | P3 | 3 | P5 | 3 | 2 | MUX → BASE |
| 54 | ↑ | ↑ | BLK | ↑ | ↑ | 15 | ↑ | 15 | ↑ | GND |
| 55 | ↑ | ↑ | WHT | ↑ | ↑ | 4 | ↑ | 4 | ↑ | V231/V207 (DATA 03) |
| 56 | ↑ | ↑ | BLK | ↑ | ↑ | 16 | ↑ | 16 | ↑ | GND |
| 57 | ↑ | ↑ | WHT | ↑ | ↑ | 5 | ↑ | 5 | ↑ | V232/V208 (DATA 02) |
| 58 | ↑ | ↑ | BLK | ↑ | ↑ | 17 | ↑ | 17 | ↑ | GND |
| 59 | ↑ | ↑ | WHT | ↑ | ↑ | 6 | ↑ | 6 | ↑ | V233/V209 (DATA 01) |
| 60 | ↑ | ↑ | BLK | ↑ | ↑ | 18 | ↑ | 18 | ↑ | GND |
| 61 | ↑ | ↑ | WHT | ↑ | ↑ | 7 | ↑ | 7 | ↑ | V234/V210 (DATA 10) |
| 62 | ↑ | ↑ | BLK | ↑ | ↑ | 19 | ↑ | 19 | ↑ | GND |
| 63 | ↑ | ↑ | WHT | ↑ | ↑ | 8 | ↑ | 8 | ↑ | V235/V211 (DATA 05) |
| 64 | ↑ | ↑ | BLK | ↑ | ↑ | 20 | ↑ | 20 | ↑ | GND |
| 65 | ↑ | ↑ | WHT | ↑ | ↑ | 9 | ↑ | 9 | ↑ | V236/V212 (DATA 09) |
| 66 | ↑ | ↑ | BLK | ↑ | ↑ | 21 | ↑ | 21 | ↑ | GND |
| 67 | ↑ | ↑ | WHT | ↑ | ↑ | 10 | ↑ | 10 | ↑ | V237/V213 (DATA 06) |
| 68 | ↑ | ↑ | BLK | ↑ | ↑ | 22 | ↑ | 22 | ↑ | GND |
| 69 | ↓ | ↓ | WHT | ↓ | ↓ | 11 | ↓ | 11 | ↓ | V238/V214 (DATA 08) |
| 70 | 3 | 24 | BLK | 60.0 | P3 | 23 | P5 | 23 | 2 | GND |
| 71 | | | | | | | | | | |
| 72 | | | | | | | | | | |
| 73 | | | | | | | | | | |
| 74 | | | | | | | | | | |
| 75 | | | | | | | | | | |
| 76 | | | | | | | | | | |
| 77 | | | | | | | | | | |
| 78 | | | | | | | | | | |

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| COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | | | CODE IDENT 34015 | SHEET 5 OF 5 | | | WL | DOCUMENT NO. 74872521 | REV. A | |
|---------------------------------------------------------|----------|-------------|-------------|---------------------|--------------|----|---|-------------|--------------------------|-----------|-----------------------|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | | | DESTINATION | | | REMARKS MUX → BASE |
| | | | | | | | | | | | |
| 79 | 3 | 24 | WHT | 63.0 | P4 | 3 | 2 | P6 | 3 | 2 | V242/V218 (DATA 07) |
| 80 | ↑ | ↑ | BLK | ↑ | ↑ | 15 | ↑ | ↑ | 15 | ↑ | GND |
| 81 | | | WHT | | | 4 | | | 4 | | V243/V219 (DATA 10) |
| 82 | | | BLK | | | 16 | | | 16 | | GND |
| 83 | | | WHT | | | 5 | | | 5 | | V244/V220 (DATA 11) |
| 84 | | | BLK | | | 17 | | | 17 | | GND |
| 85 | | | WHT | | | 6 | | | 6 | | V245/V221 (DATA 15) |
| 86 | | | BLK | | | 18 | | | 18 | | GND |
| 87 | | | WHT | | | 7 | | | 7 | | V246/V222 (DATA 12) |
| 88 | | | BLK | | | 19 | | | 19 | | GND |
| 89 | | | WHT | | | 8 | | | 8 | | V247/V223 (DATA 14) |
| 90 | | | BLK | | | 20 | | | 20 | | GND |
| 91 | | | WHT | | | 9 | | | 9 | | V248/V224 (DATA 13) |
| 92 | | | BLK | | | 21 | | | 21 | | GND |
| 93 | | | WHT | | | 10 | | | 10 | | V249/V225 (SC/MPL) |
| 94 | | | BLK | | | 22 | | | 22 | | GND |
| 95 | ↓ | ↓ | WHT | ↓ | ↓ | 11 | ↓ | ↓ | 11 | ↓ | V250/V226 (PRE/MFG) |
| 96 | 3 | 24 | BLK | 63.0 | P4 | 23 | 2 | P6 | 23 | 2 | GND |
| 97 | | | | | | | | | | | |
| 98 | | | | | | | | | | | |
| 99 | | | | | | | | | | | |
| 100 | | | | | | | | | | | |
| 101 | | | | | | | | | | | |
| 102 | | | | | | | | | | | |
| 103 | | | | | | | | | | | |
| 104 | | | | | | | | | | | |

FORM 23562-00-015-092 DIETRICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

| | | | | | | | |
|------------------|-------------|---------------|---------------------------------------------------------|-----------------------------------------------------------------|---------------|--------------------------|----------|
| DRWN ED GORR | CHKD M | DATE 11-76 | CONTROL DATA | TITLE MEMORY INTERCONNECT CABLE ASSY WIRE LIST 12 PAIR | PREFIX WL | DOCUMENT NO. 74872522 | REV A |
| ENGR JY KRICK | CHKD B-K | DATE 11-76 | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | FIRST USED @ DY-182-A | 34530-028-070 | SHEET 1 OF 5 | |
| APPR | | | CODE IDENT 34015 | | | | |

| SHEET REVISION STATUS | | | | | REVISION RECORD | | | | | |
|-----------------------|---|---|---|---|-----------------|-------|------------------|------|---------|-----|
| 5 | 4 | 3 | 2 | 1 | REV | ECO | DESCRIPTION | DRFT | DATE | APP |
| | | | | | 01 | 06591 | INITIAL RELEASE | ELQ | 8-31-76 | M |
| | | | | | A | 08063 | CLX* RELEASE CBM | TP | 3-22-78 | P |

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024. CA

AA6030

NOTES:

DETACHED LISTS

FORM 19246-01-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

34530-028-070

| CONTROL DATA | | | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | CODE IDENT 34015 | SHEET 2 OF 5 | WL | DOCUMENT NO. 74872522 | REV. A |
|------------------|----------|-------------|-------------|---------------------------------------------------------|--------|---------------------|--------------|-----------------|--------------------------|--------------------------------|
| CONDUCTOR IDENT. | FIND NO. | Gauge (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | ACCESS FIND NO. | DESTINATION | ACCESS FIND NO. | REMARKS | |
| 1 | 3 | 24 | WHT | 650 | P1 | 1 | P6 | 1 | 2 | MUX → BASE |
| 2 | | | BLK | | | 13 | | 13 | | W053/W065 (MEM ADDR 01) GND |
| 3 | | | WHT | | | 2 | | 2 | | W054/W066 (MEM ADDR 02) GND |
| 4 | | | BLK | | | 14 | | 14 | | W055/W067 (MEM ADDR 04) GND |
| 5 | | | WHT | | | 3 | | 3 | | W056/W068 (MEM ADDR 05) GND |
| 6 | | | BLK | | | 15 | | 15 | | W057/W069 (MEM ADDR 06) GND |
| 7 | | | WHT | | | 4 | | 4 | | W058/W070 (MEM ADDR 07) GND |
| 8 | | | BLK | | | 16 | | 16 | | W059/W071 (MEM ADDR 08) GND |
| 9 | | | WHT | | | 5 | | 5 | | W060/W072 (MEM ADDR 09) GND |
| 10 | | | BLK | | | 17 | | 17 | | W061/W073 (MEM ADDR 10) GND |
| 11 | | | WHT | | | 6 | | 6 | | W062/W074 (MEM ADDR 11) GND |
| 12 | | | BLK | | | 18 | | 18 | | W063/W075 (MEM ADDR 11) GND |
| 13 | | | WHT | | | 7 | | 7 | | W064/W076 (CH PE) GND |
| 14 | | | BLK | | | 19 | | 19 | | |
| 15 | | | WHT | | | 8 | | 8 | | |
| 16 | | | BLK | | | 20 | | 20 | | |
| 17 | | | WHT | | | 9 | | 9 | | |
| 18 | | | BLK | | | 21 | | 21 | | |
| 19 | | | WHT | | | 10 | | 10 | | |
| 20 | | | BLK | | | 22 | | 22 | | |
| 21 | | | WHT | | | 11 | | 11 | | |
| 22 | | | BLK | | | 23 | | 23 | | |
| 23 | | | WHT | | | 12 | | 12 | | |
| 24 | 3 | 24 | BLK | 650 | P1 | 24 | P6 | 24 | 2 | GND |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |

FORM 23582-00-015-082 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

34530-028-070

| CONTROL DATA | | | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | CODE IDENT 34015 | SHEET 3 OF 5 | | WL | DOCUMENT NO. 74872522 | REV. A |
|------------------|----------|-------------|-------------|---------------------------------------------------------|--------|---------------------|-----------------|-------------|----|--------------------------|--------------------------------|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | | ACCESS FIND NO. | DESTINATION | | ACCESS FIND NO. | REMARKS |
| 79 | 3 | 24 | WHT | 65.0 | P2 | 1 | 2 | P5 | 1 | 2 | MUX ← BASE |
| 80 | ↑ | ↑ | BLK | ↑ | ↑ | 13 | ↑ | ↑ | 13 | ↑ | W065/W053 (MEM ADDR 01) GND |
| 81 | | | WHT | | | 2 | | | 2 | | W066/W054 (MEM ADDR 02) GND |
| 82 | | | BLK | | | 14 | | | 14 | | W067/W055 (MEM ADDR 03) GND |
| 83 | | | WHT | | | 3 | | | 3 | | W068/W056 (MEM ADDR 04) GND |
| 84 | | | BLK | | | 15 | | | 15 | | W069/W057 (MEM ADDR 05) GND |
| 85 | | | WHT | | | 4 | | | 4 | | W070/W058 (MEM ADDR 06) GND |
| 86 | | | BLK | | | 16 | | | 16 | | W071/W059 (MEM ADDR 07) GND |
| 87 | | | WHT | | | 5 | | | 5 | | W072/W060 (MEM ADDR 08) GND |
| 88 | | | BLK | | | 17 | | | 17 | | W073/W061 (MEM ADDR 09) GND |
| 89 | | | WHT | | | 6 | | | 6 | | W074/W062 (MEM ADDR 10) GND |
| 90 | | | BLK | | | 18 | | | 18 | | W075/W063 (MEM ADDR 11) GND |
| 91 | | | WHT | | | 7 | | | 7 | | W076/W064 (CH PE) GND |
| 92 | | | BLK | | | 19 | | | 19 | | |
| 93 | | | WHT | | | 8 | | | 8 | | |
| 94 | | | BLK | | | 20 | | | 20 | | |
| 95 | | | WHT | | | 9 | | | 9 | | |
| 96 | | | BLK | | | 21 | | | 21 | | |
| 97 | | | WHT | | | 10 | | | 10 | | |
| 98 | | | BLK | | | 22 | | | 22 | | |
| 99 | | | WHT | | | 11 | | | 11 | | |
| 100 | | | BLK | | | 23 | | | 23 | | |
| 101 | ↓ | ↓ | WHT | ↓ | ↓ | 12 | ↓ | ↓ | 12 | ↓ | |
| 102 | 3 | 24 | BLK | 65.0 | P2 | 24 | 2 | P5 | 24 | 2 | |
| 103 | | | | | | | | | | | |
| 104 | | | | | | | | | | | |

FORM 23562-00-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

34530-028-070

| CONTROL DATA | | | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | CODE IDENT 34015 | SHEET 4 OF 5 | | WL | DOCUMENT NO. 74872522 | REV. A |
|------------------|----------|-------------|-------------|---------------------------------------------------------|--------|---------------------|-----------------|-------------|----|--------------------------|-----------------------------------|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | | ACCESS FIND NO. | DESTINATION | | ACCESS FIND NO. | REMARKS |
| 53 | 3 | 24 | WHT | 59.0 | P3 | 1 | 2 | P8 | 1 | 2 | MUX → BASE |
| 54 | ↑ | ↑ | BLK | ↑ | ↑ | 13 | ↑ | ↑ | 13 | ↑ | W077/W089 (CH PROT F) GND |
| 55 | | | WHT | | | 2 | | | 2 | | W078/W090 (MEM ADDR 12) GND |
| 56 | | | BLK | | | 14 | | | 14 | | W079/W091 (MEM ADDR 13) GND |
| 57 | | | WHT | | | 3 | | | 3 | | W080/W092 (RES) GND |
| 58 | | | BLK | | | 15 | | | 15 | | W081/W093 (MEM ADDR 14) GND |
| 59 | | | WHT | | | 4 | | | 4 | | W082/W094 (MEM ADDR 15) GND |
| 60 | | | BLK | | | 16 | | | 16 | | W083/W095 (MEM ADDR 16) GND |
| 61 | | | WHT | | | 5 | | | 5 | | W084/W096 (MEM ADDR 17) GND |
| 62 | | | BLK | | | 17 | | | 17 | | W085/W097 (WRITE PROT BIT) GND |
| 63 | | | WHT | | | 6 | | | 6 | | W086/W098 (WRITE) GND |
| 64 | | | BLK | | | 18 | | | 18 | | W087/W099 (-) GND |
| 65 | | | WHT | | | 7 | | | 7 | | W088/W100 (REQUEST) GND |
| 66 | | | BLK | | | 19 | | | 19 | | |
| 67 | | | WHT | | | 8 | | | 8 | | |
| 68 | | | BLK | | | 20 | | | 20 | | |
| 69 | | | WHT | | | 9 | | | 9 | | |
| 70 | | | BLK | | | 21 | | | 21 | | |
| 71 | | | WHT | | | 10 | | | 10 | | |
| 72 | | | BLK | | | 22 | | | 22 | | |
| 73 | | | WHT | | | 11 | | | 11 | | |
| 74 | | | BLK | | | 23 | | | 23 | | |
| 75 | ↓ | ↓ | WHT | ↓ | ↓ | 12 | ↓ | ↓ | 12 | ↓ | |
| 76 | 3 | 24 | BLK | 59.0 | P3 | 24 | 2 | P8 | 24 | 2 | |
| 77 | | | | | | | | | | | |
| 78 | | | | | | | | | | | |

FORM 23562-00-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

| COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | | | CODE IDENT 34015 | SHEET 5 OF 5 | | | WL | DOCUMENT NO 74872522 | REV A | |
|---------------------------------------------------------|----------|-------------|-------------|---------------------|--------------|----|-----------------|-------------|-------------------------|-----------------|-------------------------------------|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | | ACCESS FIND NO. | DESTINATION | | ACCESS FIND NO. | REMARKS |
| 27 | 3 | 24 | WHT | 59.0 | P4 | 1 | 2 | P7 | 1 | 2 | MUX ← BASE W089/W077 (CH PROT F) |
| 28 | ↑ | ↑ | BLK | ↑ | ↑ | 13 | ↑ | ↑ | 13 | ↑ | GND |
| 29 | ↑ | ↑ | WHT | ↑ | ↑ | 2 | ↑ | ↑ | 2 | ↑ | W090/W078 (MEM ADDR 12) |
| 30 | ↑ | ↑ | BLK | ↑ | ↑ | 14 | ↑ | ↑ | 14 | ↑ | GND |
| 31 | ↑ | ↑ | WHT | ↑ | ↑ | 3 | ↑ | ↑ | 3 | ↑ | W091/W079 (MEM ADDR 13) |
| 32 | ↑ | ↑ | BLK | ↑ | ↑ | 15 | ↑ | ↑ | 15 | ↑ | GND |
| 33 | ↑ | ↑ | WHT | ↑ | ↑ | 4 | ↑ | ↑ | 4 | ↑ | W092/W080 (RES) |
| 34 | ↑ | ↑ | BLK | ↑ | ↑ | 16 | ↑ | ↑ | 16 | ↑ | GND |
| 35 | ↑ | ↑ | WHT | ↑ | ↑ | 5 | ↑ | ↑ | 5 | ↑ | W093/W081 (MEM ADDR 14) |
| 36 | ↑ | ↑ | BLK | ↑ | ↑ | 17 | ↑ | ↑ | 17 | ↑ | GND |
| 37 | ↑ | ↑ | WHT | ↑ | ↑ | 6 | ↑ | ↑ | 6 | ↑ | W094/W082 (MEM ADDR 15) |
| 38 | ↑ | ↑ | BLK | ↑ | ↑ | 18 | ↑ | ↑ | 18 | ↑ | GND |
| 39 | ↑ | ↑ | WHT | ↑ | ↑ | 7 | ↑ | ↑ | 7 | ↑ | W095/W083 (MEM ADDR 16) |
| 40 | ↑ | ↑ | BLK | ↑ | ↑ | 17 | ↑ | ↑ | 19 | ↑ | GND |
| 41 | ↑ | ↑ | WHT | ↑ | ↑ | 8 | ↑ | ↑ | 8 | ↑ | W096/W084 (MEM ADDR 17) |
| 42 | ↑ | ↑ | BLK | ↑ | ↑ | 20 | ↑ | ↑ | 20 | ↑ | GND |
| 43 | ↑ | ↑ | WHT | ↑ | ↑ | 9 | ↑ | ↑ | 9 | ↑ | W097/W085 (WRITE PROT BIT) |
| 44 | ↑ | ↑ | BLK | ↑ | ↑ | 21 | ↑ | ↑ | 21 | ↑ | GND |
| 45 | ↑ | ↑ | WHT | ↑ | ↑ | 10 | ↑ | ↑ | 10 | ↑ | W098/W086 (WRITE) |
| 46 | ↑ | ↑ | BLK | ↑ | ↑ | 22 | ↑ | ↑ | 22 | ↑ | GND |
| 47 | ↑ | ↑ | WHT | ↑ | ↑ | 11 | ↑ | ↑ | 11 | ↑ | W099/W087 (-) |
| 48 | ↑ | ↑ | PLI | ↑ | ↑ | 23 | ↑ | ↑ | 23 | ↑ | GND |
| 49 | ↓ | ↓ | WHT | ↓ | ↓ | 12 | ↓ | ↓ | 12 | ↓ | W100/W088 (REQUEST) |
| 50 | 3 | 24 | BLK | 59.0 | P4 | 24 | 2 | P7 | 24 | 2 | GND |
| 51 | | | | | | | | | | | |
| 52 | | | | | | | | | | | |

FORM 23562-00-016-092 DILTRICH-POST CLEARPRINT 1020

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| | | | | | | | | |
|------|----------------|----------|---------------------------------------------------|---------------|--------------------------------------------------|------|--------------|--------------|
| DWH | <i>Johnson</i> | 10-576 | CONTROL DATA | TITLE | DUAL PROCESSOR CONTROL SWITCH BOX ASSY WIRE LIST | PREP | DOCUMENT NO. | REV |
| CHED | <i>M</i> | 11-1-76 | | | | WL | 74872570 | A |
| ENG | J T KRIES | 10-27-76 | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Ca. 92704 | FIRST USED ON | DY182-A | | | |
| APG | | | CODE IDENT | | 34551-028-817 | | | SHEET 1 OF 3 |
| APP | | | 34015 | | | | | |

| SHEET REVISION STATUS | | | | REVISION RECORD | | | | | |
|-----------------------|-----|-------------|------|-----------------|-----------------|-----|---------|----|--|
| REV | ECO | DESCRIPTION | DRFT | DATE | APP | | | | |
| 01 | 01 | 01 | 01 | 06678 | INITIAL RELEASE | ELG | 10-576 | M | |
| 02 | 02 | 02 | 02 | 06949 | WIRE CHANGES | ELG | 8-27-77 | M. | |
| A | A | A | A | 08063 | CLASS A RELEASE | TP | 3-22-78 | P | |

INTER-DIVISIONAL DOCUMENT
Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024. CA

AAAB30

NOTES:

DETACHED LISTS

FORM 19246-01-015-002 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

34551-028-817

| CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | | CODE IDENT | SHEET | WL | DOCUMENT NO. | REV. |
|------------------|----------|------------------------------------------------------|-------------|-----------------|-------------|-----------------|--------------|-----------------|----------------|
| | | | | | 34015 | 2 OF 3 | | 74872570 | A |
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | ACCESS FIND NO. | DESTINATION | ACCESS FIND NO. | REMARKS |
| 1 | 2 | 22 | WHT | | P4 | 2 | SWH, POLE 1 | 2 | CRT-KEYBOARD |
| 2 | 13 | | RED | | SWH, POLE 1 | 2 | SWH, POLE 5 | 1 | |
| 3 | 2 | | BLK | | P4 | 7 | TB1 | 11 | LOGIC GND |
| 4 | 2 | | WHT | | P4 | 3 | SWH, POLE 2 | 11 | CRT DISPLAY |
| 5 | 2 | 22 | BRN | | P4 | 7 | TB1 | 2 | LOGIC GND |
| 6 | 2 | | SHLD | | P4 | LUG | CHASSIS | 16 | CHASSIS GND |
| 7 | 3 | 22 | WHT | | P3 | 1 | SW-1 POLE 4 | 7 | TTY PRINTER |
| 8 | 3 | | BLK | | P3 | 2 | TB1 | 3 | LOGIC GND |
| 9 | 3 | | WHT | | P3 | 3 | SW-1 POLE 6 | 5 | TTY KEYBOARD |
| 10 | 13 | | RED | | SW-1 POLE 6 | 5 | SW-1 POLE 3 | 6 | |
| 11 | 3 | | BRN | | P3 | 4 | SW-1 POLE 6 | 3 | TTY -12VDC |
| 12 | 13 | | RED | | SW-1 POLE 6 | 5 | SW-1 POLE 3 | 8 | |
| 13 | 13 | 22 | RED | | SW-1 POLE 3 | 8 | E2 | | |
| 14 | | | | | E2 | 12 | CR2 | ANODE | 10 |
| 15 | | | | | E2 | 12 | CR1 | ANODE | 10 |
| 16 | 3 | | SHLD | | P3 | LUG | CHASSIS | 16 | CHASSIS GND |
| 17 | 4 | 22 | WHT | | P2 | A | TB1 | 4 | LOGIC GND |
| 18 | 4 | | BLK | | P2 | 31 | SW-1, POLE 5 | 10 | (MUX) CRT REC |
| 19 | 4 | | WHT | | P2 | B | TB1 | 5 | LOGIC GND |
| 20 | 4 | | BRN | | P2 | 6 | SW-1 POLE 6 | 4 | (MUX) TTY REC |
| 21 | 4 | | WHT | | P2 | 1 | SW-1 POLE 4 | 8 | (MUX) TTY SEND |
| 22 | 4 | 22 | RED | | P2 | 40 | E3 | | (MUX) -12VDC |
| 23 | | | | | E3 | 12 | CR2 | CATH | 10 |
| 24 | | | | | E3 | 12 | R2 | | 9 |
| 25 | 4 | 22 | WHT | | P2 | 18 | SW-1 POLE 2 | 12 | (MUX) CRT SEND |
| 26 | 4 | 22 | DRN | | P2 | 5 | TB1 | 6 | LOGIC GND |

FORM 23362-00-015-002 DIETERICH-POST CLEARPRINT 1020

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| CONTROL DATA | | | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | CODE IDENT 34015 | SHEET 3 OF 3 | WL | DOCUMENT NO. 74872570 | REV. A | |
|------------------|----------|-------------|-------------|---------------------------------------------------------|---------------------|--------------|-----------------|--------------------------|-----------------|-----------------|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | | ACCESS FIND NO. | DESTINATION | ACCESS FIND NO. | REMARKS |
| 27 | 4 | — | SHLD | | P2 | LUG | 7 | CHASSIS | — 16 | CHASSIS GND |
| 28 | 5 | 22 | WHT | | P1 | A | — | TB1 | 7 11 | LOGIC GND |
| 29 | 5 | ↑ | BLK | | P1 | 31 | — | SW-1 POLE 1 | 3 7 | (BASE) CRT REC |
| 30 | 5 | | WHT | | P1 | 8 | — | TB1 | 8 11 | LOGIC GND |
| 31 | 5 | | BRN | | P1 | 6 | — | SW-1 POLE 3 | 7 7 | (BASE) TTY REC |
| 32 | 5 | ↓ | WHT | | P1 | 1 | — | SW-1 POLE 4 | 6 7 | (BASE) TTY SEND |
| 33 | 5 | 22 | RED | | P1 | 40 | — | E1 | — 12 | (BASE) -12VDC |
| 34 | — | — | — | | E1 | — | 12 | CRI | CATH 10 | |
| 35 | — | — | — | | E1 | — | 12 | R1 | 1 9 | |
| 36 | 5 | 22 | WHT | | P1 | 18 | — | SW-1 POLE 2 | 10 7 | (BASE) CRT SEND |
| 37 | 5 | 22 | ORN | | P1 | 5 | — | TB1 | 9 11 | LOGIC GND |
| 38 | 5 | — | SHLD | | P1 | LUG | 7 | CHASSIS | — 16 | CHASSIS GND |
| 39 | — | — | — | | R2 | 2 | 9 | E5 | — 12 | |
| 40 | 13 | 22 | RED | | E5 | — | 12 | SW-1 POLE 5 | 9 7 | |
| 41 | — | — | — | | R1 | 2 | 9 | E4 | — 12 | |
| 42 | 13 | 22 | RED | | E4 | — | 12 | SW-1 POLE 1 | 4 7 | |
| | | | | | | | | | | |
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|------|---------------|-----|------------------------------------------------------|---------------|------------------------------------------------|--------|----|--------------|----------|-----|--------------|
| DRWN | E. Garcia | 377 | CONTROL DATA | TITLE | ENCLOSURE ASSY, AIR INTAKE - PROCESSOR (MP-17) | PREFIX | WL | DOCUMENT NO. | 74873658 | REV | A |
| CHG | E. Garcia | 377 | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | FIRST USED ON | AH 451-A | | | | | | |
| ENG | J. P. Raymond | 377 | CODE IDENT | | 35305-028-009 | | | | | | SHEET 1 OF 2 |
| APPC | | | 34015 | | | | | | | | |

| SHEET REVISION STATUS | | | | | | REVISION RECORD | | | | | |
|-----------------------|-----|-------------|-------|--------|-----|-----------------|-----|----------------------------|------|---------|-----|
| REV | ECO | DESCRIPTION | DRFT | DATE | APP | REV | ECO | DESCRIPTION | DRFT | DATE | APP |
| 00 | 00 | 00372 | ELG | 4-4-77 | ELG | 01 | 01 | ORIGIN/DESTINATION CHANGES | ELB | 9-21-77 | M |
| A | A | A 08063 | BN TP | 3-8-78 | BP | | | | | | |

INTER-DIVISIONAL DOCUMENT
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NOTES:

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FORM 19246-01-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

35305-028-009

| CONTROL DATA | | | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | | CODE IDENT | SHEET | | WL | DOCUMENT NO. | REV. |
|------------------|----------|-------------|-------------|------------------------------------------------------|--------|-----------------|-------------|-----------------|---------|-----|--------------|------|
| | | | | | | | 34015 | 2 OF 2 | | | 74873658 | A |
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | ACCESS FIND NO. | DESTINATION | ACCESS FIND NO. | REMARKS | | | |
| 1 | 12 | 16 | BLK | | PI | 1 | TB1 | 6 | 13 | (+) | | |
| 2 | 12 | 16 | WHT | | PI | 2 | TB1 | 2 | 13 | (-) | | |
| 3 | 12 | 16 | GRN | | PI | 3 | TB1 | 1 | 13 | GND | | |
| 4 | | | | | | | | | | | | |
| 5 | 16 | - | - | | TB1 | 1 | E2 | - | 17 | GND | | |

FORM 23862-00-015-092 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

| | | | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|------------------------------------------------------------------------|---------------|-------------------------------------|-----------------|--------------|--------------|---------------------|----------------|---------|-----|
| DWN | A. SKARBK | 6-77 | CONTROL DATA COMMUNICATIONS DIVISION Santa Ana, Ca. 92704 | TITLE | WIRE LIST - BLOWER ASSY LOOP MUX | PREFIX | WL | DOCUMENT NO. | 74874283 | REV | A | |
| CHKD | E. GOMER | 6-77 | | FIRST USED ON | GH451-A | 35477-028-009 | SHEET 1 OF 2 | | | | | |
| ENG | J.J. FRANZ | 6-77 | | CODE IDENT | 34015 | | | | | | | |
| MFG | | | | | | | | | | | | |
| APPR | | | | | | | | | | | | |
| SHEET REVISION STATUS | | | | | | REVISION RECORD | | | | | | |
| | | | | | 2 | 1 | REV | ECO | DESCRIPTION | DRFT | DATE | APP |
| | | | | | 00 | 00 | 00 | 06894 | INITIAL RELEASE | AS | 6-17-77 | A |
| | | | | | A | A | A | 08063 | CLASS A RELEASE CBM | TP | 2-24-78 | P |
| <p style="text-align: center;">INTER-DIVISIONAL DOCUMENT Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024. CA</p> <p>AA6030</p> | | | | | | | | | | | | |
| NOTES: | | | | | | | | | | | | |
| | | | | | | | | | | DETACHED LISTS | | |

FORM 18248-00-015-092 DIETRICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

35477-028-009

| CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | | | CODE IDENT | 34015 | SHEET | 2 OF 2 | PREFIX | WL | DOCUMENT NO. | 74874283 | REV. | A |
|---------------------|----------|---------------------------------------------------------|-------------|-----------------|------------|-----------------|-------------|--------|-----------------|---------|-----------------------|----------|------|---|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | ACCESS FIND NO. | DESTINATION | | ACCESS FIND NO. | REMARKS | | | | |
| 1 | 9 | | WHT | | PI | | | TBI | 2 | | AC PWR | | | |
| 2 | 9 | | BLK | | PI | | | | 6 | | AC PWR } PWR CORD | | | |
| 3 | 9 | | GRN | | PI | | | | 1 | | GND | | | |
| 4 | 8 | | | | TBI | 2 | | | 3 | | JUMPER | | | |
| 5 | 8 | | | | | 3 | | | 4 | | JUMPER | | | |
| 6 | 8 | | | | | 4 | | | 5 | | JUMPER | | | |
| 7 | 8 | | | | | 6 | | | 7 | | JUMPER | | | |
| 8 | 8 | | | | | 7 | | | 8 | | JUMPER | | | |
| 9 | 8 | | | | | 8 | | TBI | 9 | | JUMPER | | | |
| 10 | 27 | 16 | BLK | | | 2 | | B | 1 | A | TOP ROW OF TERM (TBI) | | | |
| 11 | | | | | | 6 | | | 1 | B | | | | |
| 12 | | | | | | 3 | | | 2 | A | | | | |
| 13 | | | | | | 7 | | | 2 | B | | | | |
| 14 | | | | | | 3 | | | 3 | A | | | | |
| 15 | | | | | | 7 | | | 3 | B | | | | |
| 16 | | | | | | 4 | | | 4 | A | | | | |
| 17 | | | | | | 8 | | | 4 | B | | | | |
| 18 | | | | | | 4 | | | 5 | A | | | | |
| 19 | | | | | | 8 | | | 5 | B | | | | |
| 20 | | | | | | 5 | | | 6 | A | | | | |
| 21 | 27 | 16 | BLK | | TBI | 9 | | B | 6 | B | BOT ROW OF TERM (TBI) | | | |
| 22 | 8 | | | | E1 | - | | TBI | 1 | | GND | | | |
| 23 | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | |

FORM 22802-00-015-092 DIETRICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

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|------|-----------|------|-----------------------------------------------------|---------------|--------------------------------------|--------|----|--------------|----------|-------|--------|
| DWN | A. STARK | 6-77 | CONTROL DATA | TITLE | WIRE LIST - DISTRIBUTION BOX ASSY | PREFIX | WL | DOCUMENT NO. | 74874416 | REV | A |
| ENGR | E. COOPER | 6-77 | COMMUNICATIONS PRODUCTS DIV. SANTA ANA, CA 92704 | FIRST USED ON | 35693-028-014 | | | | | SHEET | 1 OF 2 |
| APP | | | CODE IDENT 34015 | GA451-A | | | | | | | |

| SHEET REVISION STATUS | | | | REVISION RECORD | | | | | | |
|-----------------------|-----|-------------|------|-----------------|-----|--|--|--|--|--|
| REV | ECO | DESCRIPTION | DRFT | DATE | APP | | | | | |
| 00 | 00 | 06930 | AS | 7-18-77 | EDP | | | | | |
| 01 | 01 | 06967 | ELG | 8-26-77 | M | | | | | |
| A | A | 08063 | TP | 2-24-78 | P | | | | | |

INTER-DIVISIONAL DOCUMENT
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AA6030

NOTES:

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FORM 19246-01-015-002 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

35693-028-014

| CONTROL DATA | | COMMUNICATIONS PRODUCTS DIV. SANTA ANA, CALIF. 92704 | | | CODE IDENT 34015 | SHEET 2 OF 2 | WL | DOCUMENT NO. 74874416 | REV. A |
|------------------|----------|---------------------------------------------------------|-------------|-----------------|---------------------|-----------------|-------------|--------------------------|-------------|
| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) | ORIGIN | ACCESS FIND NO. | DESTINATION | ACCESS FIND NO. | REMARKS |
| 1 | 20 | 12 | YEL | | T1 | 120 | CB1 | LINE 13 | |
| 2 | 20 | 12 | YEL | | CB1 | LOAD | FL1 | 3 | 8 |
| 3 | 24 | 24 | YEL | | FL1 | 3 | DS1 | (+) | 14 |
| 4 | 23 | 24 | WHT | | | 1 | DS1 | (-) | 14 |
| 5 | 21 | 12 | WHT | | | 1 | T1 | COM | 16 |
| 6 | 20 | | YEL | | | 4 | J3 | A | 11 |
| 7 | 21 | | WHT | | | 5 | J3 | B | 11 |
| 8 | 22 | | YEL/GRN | | FL1 | 2 | E1 | - | - |
| 9 | REF | 12 | YEL | | J3 | A | J1 | A | 12 |
| 10 | REF | - | - | | J1 | A | J2 | A | 12 |
| 11 | REF | - | - | | J1 | B | J2 | B | 12 |
| 12 | 21 | 12 | WHT | | J2 | B | J3 | B | 11 |
| 13 | REF | - | - | | J1 | C | J2 | C | 12 |
| 14 | 22 | 12 | YEL/GRN | | J2 | C | J3 | C | 11 |
| 15 | 22 | 12 | YEL/GRN | | J3 | C | E2 | - | - |
| 16 | | | | | | 46 | | | CHASSIS GND |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
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FORM 22642-00-015-002 DIETERICH-POST CLEARPRINT 1020

PRINTED IN U.S.A.

| | | | | | | | | |
|------|------------|---------|------------------------------------------------------|-------------------------|---------------|--------|--------------|--------------|
| OWN | 2 DEARBORN | 6-10-77 | CONTROL DATA | TITLE | 35909-028-802 | PREFIX | DOCUMENT NO. | REV |
| CHKD | Edmund | 6-13-77 | | MAINTENANCE PANEL (MDF) | | | 74874183 | 1 |
| ENG | | | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Ca. 92704 | FIRST USED ON | 6-451-A | | | |
| MFG | | | CODE IDENT | | | | | |
| APPR | | | 34015 | | | | | SHEET 1 OF 2 |

| SHEET REVISION STATUS | | | | | REVISION RECORD | | | | | | |
|-----------------------|-----|-------------|------|------|-----------------|-----|-----|-----------------|------|----------|-----|
| REV | ECO | DESCRIPTION | DRFT | DATE | APP | REV | ECO | DESCRIPTION | DRFT | DATE | APP |
| | | | | | | 00 | 00 | INITIAL RELEASE | AS | 6-13-77 | M |
| | | | | | | A | A | CHANGE RELEASE | TP | 8-8-78 | P |
| | | | | | | B | B | CHANGE RELEASE | TP | 10-10-78 | K |

INTER-DIVISIONAL DOCUMENT
 Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024. CA

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NOTES:

DETACHED LISTS

35909-028-802

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|---------------------|---------------------------------------------------------|---------------------|---------|----|--------------------------|----------|
| CONTROL DATA | COMMUNICATIONS PRODUCTS DIV. Santa Ana, Calif. 92704 | CODE IDENT 34015 | SHEET 2 | WL | DOCUMENT NO. 74874183 | REV B |
|---------------------|---------------------------------------------------------|---------------------|---------|----|--------------------------|----------|

| CONDUCTOR IDENT. | FIND NO. | GAUGE (REF) | COLOR (REF) | LENGTH (APPROX) IN. | ORIGIN | ACCESS FIND NO. | DESTINATION | ACCESS FIND NO. | REMARKS |
|------------------|----------|-------------|-------------|---------------------|---------|-----------------|-------------|-----------------|----------------------------------|
| 1 | 17 | 24 | RED | 44 | CR1 (+) | | P4 1 | 7 | +5V |
| 2 | 17 | | RED | | CR1 (+) | | CR2 (+) | - | ANODE LEAD(+) |
| 3 | 19 | | GRY | 41 | CR1 (-) | | P1 1 | 6 | CATHODE LEAD(-) (READY) |
| 4 | 16 | | WHT | 41 | CR2 (-) | | P1 2 | 6 | CATHODE LEAD(-) (D START ACTIVE) |
| 5 | 18 | | GRN | 46 | S2 | 1 | P3 2 | 7 | EXT REWIND |
| 6 | 22 | | TW PR | 54 | S3 | 1 | P2 1 | 7 | SETSM204/1) TWIRLED |
| 7 | | | WHT/BLK | | S3 | 2 | P2 8 | 7 | GND } PAIR |
| 8 | 15 | | BLK | | S2 | 2 | S3 2 | 10 | GND |
| 9 | 22 | | TW PR | 54 | S1 | 2 | P6 1 | 5 | PROTECT SYSTEM } TWIRLED |
| 10 | | 24 | WHT/BLK | | S1 | 3 | P6 3 | 5 | GND } PAIR |
| 11 | | | | | | | | | |
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SPARE PARTS


9

This section contains the spare parts data for the equipment cabinets.

| | | | | | | | | | |
|-----------------------|--------------|-------|--------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|----------|-----|
| DWN | A. VOLPE | 7-78 | GD | TITLE | SPARE PARTS LIST MPL DY195-B | PREFIX | DOCUMENT NO. | REV | |
| CHEG | | | | | | S | P | 74876189 | 01 |
| ENG | D. BENJAMIN | 9-78 | COMMUNICATIONS SYSTEMS DIV. Santa Ana, Ca. 92704 | FIRST USED ON | DY195-B 38385-211-348 | | | SHEET 1 | |
| MFG | R. FRIEDRICH | 10-78 | | | | | | | |
| APPR | V. RAMPIN | 10-78 | CODE IDENT 34015 | | | | | | |
| SHEET REVISION STATUS | | | | | REVISION RECORD | | | | |
| | | | | REV | ECO | DESCRIPTION | DRFT | DATE | APP |
| | | | | 01 | 008484 | CLB RELEASE | AV | 9-78 | JK |
| NOTES: | | | | | <p align="center">INTER-DIVISIONAL DOCUMENT</p> <p align="center">Changes to this document require approval of all Using Divisions per CDC-STD 1.01.024. TD</p> <p align="right">PL 74876189</p> | | | | |
| | | | | | <p align="center">AA6030</p> <p align="right">DETACHED LISTS</p> | | | | |

FORM 19246-C2-016-002 DIETERICH-POST CLEARPRINT 1020

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CONTROL DATA CORPORATION

ASSEMBLY PARTS LIST

SPARE CODE

S = SPARE PARTS

N = NON SPARE PARTS

| 74876189 | 01 | CLB | A | SPARE PARTS LIST MPL DY195-R | DM | DY195B | 09/16/78 | 09/16/78 | 1/1 | |
|-----------------|-------|-------------|----------|------------------------------|-----------------------------------------------------|---------------|--------------------|-----------------|--------------------|---------|
| ASSEMBLY NUMBER | REV | CLASS | DW SZ | ASSEMBLY DESCRIPTION | DESIGN SOURCE | FIRST USAGE | RELEASE DATE | PROCESSING DATE | PAGE NUMBER | |
| FIND NUMBER | DW SZ | PART NUMBER | QUANTITY | UNIT MEAS. | PART DESCRIPTION | IN/OUT STATUS | CHANGE ORD. NUMBER | DATE EFFECTIVE | MAKE/BUY PART TYPE | NC OR N |
| 1 | C | 24556400 | 100 | PC | RECEPTACLE, DUPLEX POLARIZED | IN | | | PPP4 | N |
| 2 | A | 36142000 | 100 | PC | LAMP | IN | | | PPP4 | N |
| 6 | C | 38008201 | 100 | PC | CKT BREAKER 2 POLF 250V | IN | | | PPP4 | N |
| 3 | C | 53392000 | 100 | PC | TRANSFORMER 50HZ STEP DOWN | IN | | | PPP4 | N |
| 5 | D | 74465800 | 100 | PC | FILTER AIR LOOP MUX BLOWER | IN | | | PYE4 | N |
| 4 | A | 74876122 | 100 | PC | FILTER RFI | IN | | | PPP4 | N |
| 7 | A | 84769303 | 100 | PC | LIGHT, INDICATOR AMRFH | IN | | | PPP4 | N |
| 8 | C | 94689900 | 100 | PC | FAN-70 CFM | IN | | | PPP4 | N |
| 9 | | 97397201 | 100 | PC | OUTLET, PWR STR BLADF | IN | | | PPP4 | N |
| | | | | | NUMBER OF LINE ITEMS = 9 HIGHEST FIND NUMBER = 9 | | | | | |

MF

PROJECT ENGINEER ARDEN HILLS

AA 2708 REV. 7-78

COMMENT SHEET

MANUAL TITLE: CDC Network Processor Unit Equipment Cabinets
Hardware Maintenance Manual

PUBLICATION NO.: 74873971

REVISION: E

NAME: _____

COMPANY: _____

STREET ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

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Please Reply No Reply Necessary

CUT ALONG LINE

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Saint Paul, Minnesota 55112



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