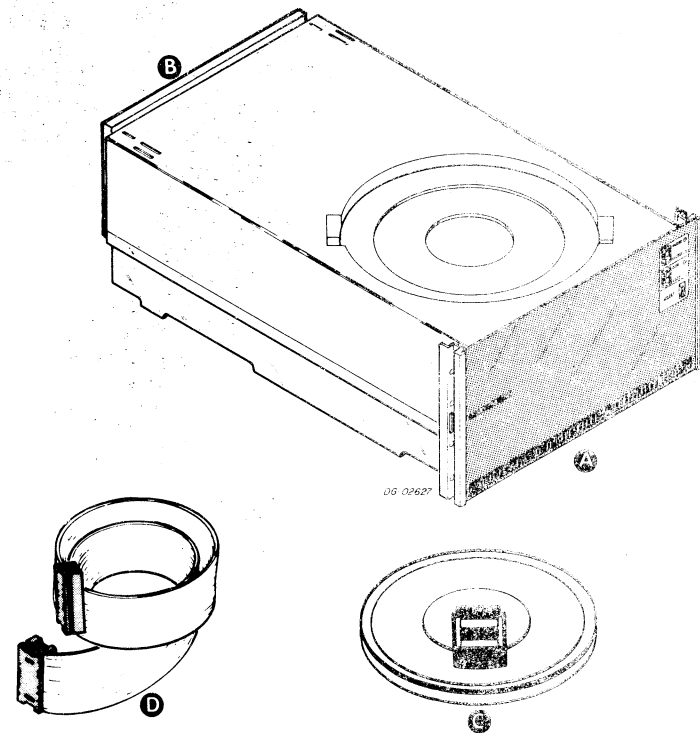


### SUBSYSTEM COMPONENT BREAKDOWN



| MAJOR COMPONENT |                               |                               |                                |
|-----------------|-------------------------------|-------------------------------|--------------------------------|
| Item            | Component                     | Mounting Location             | Notes                          |
| A               | 10 MBYTE CARTRIDGE DISC DRIVE | CABINET                       | TWO DRIVES PER CABINET MAXIMUM |
| B               | DISC CONTROLLER               | REAR OF DISC DRIVE            | ONE REQUIRED PER DRIVE         |
| C               | DISC CARTRIDGE                | 10 MBYTE CARTRIDGE DISC DRIVE | ONE REQUIRED PER SUBSYSTEM     |

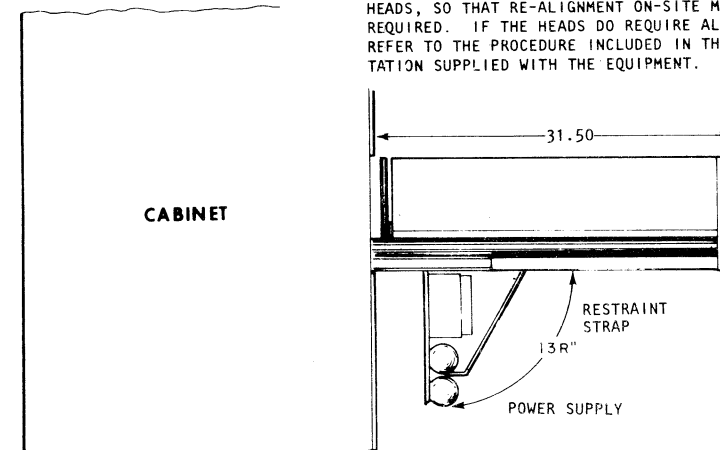
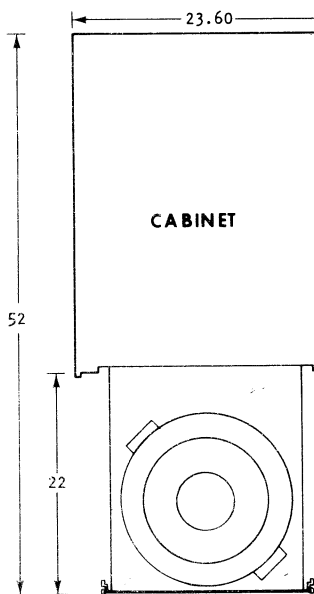
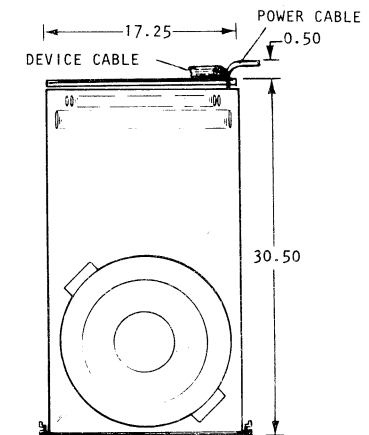
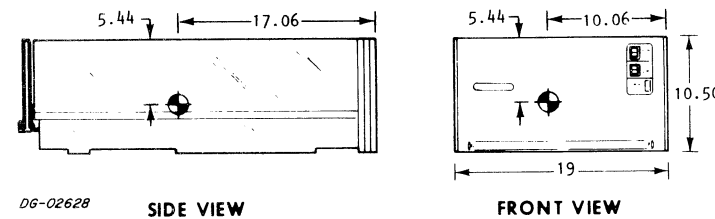
| CABLE |              |                                       |                    |   |
|-------|--------------|---------------------------------------|--------------------|---|
| Item  | Cable        | Connecting                            | Max Allowed Length | Notes   |
| D     | DEVICE CABLE | COMPUTER CHASSIS CONN. and DISC DRIVE | 100 ft / 30 m      | VARIES WITH COMPUTER. LENGTH IS A MAXIMUM FOR THE TOTAL SYSTEM. |

### SPECIFICATIONS OF THE CABINET-MOUNTED COMPONENTS

| Item | Component | Number in Sub-system | Maximum Operating Temperature |          |          | Primary Power |     |       |      |      | Cabinet Height Required |     |      | Weight<br>lbs / kg | Power Dissipation (Max Watts) | Preferred Location or Remarks | Operating Humidity (Relative)  |       |    |
|------|-----------|----------------------|-------------------------------|----------|----------|---------------|-----|-------|------|------|-------------------------|-----|------|--------------------|-------------------------------|-------------------------------|--|-------|----|
|      |           |                      | Component °C                  | Media °F | Media °C | Volts         | Hz  | Phase | Cond | Amps | Area                    | in. | cm   |                    |                               |                               | min  | % max |    |
| A    | 100       | 1-4                  | 110                           | 43       | 90       | 32            | 100 | 50    | 1    | 3    | 5.7                     | 6   | 10.5 | 26.7               | 150 / 67                      | 500                           | 1. AREA B 3-8 AND 9-14 FOR OPERATOR CONVENIENCE<br>2. MAX 2 DRIVE PER CABINET ADJACENT AREAS.<br>3. POWER CORD 5 FT./1.5M LG.<br>4. AT LEAST 3 IN. BELOW COMP. CABINET MUST BE EQUIPPED WITH ANT-TIP LEGS. | 20    | 80 |
|      | 120       | 1-4                  | 110                           | 43       | 90       | 32            | 120 | 60    | 1    | 3    | 4.9                     | 6   | 10.5 | 26.7               | 150 / 67                      | 500                           |  | 20    | 80 |
|      | 220       | 1-4                  | 110                           | 43       | 90       | 32            | 220 | 50    | 1    | 3    | 2.6                     | 6   | 10.5 | 26.7               | 150 / 67                      | 500                           |  | 20    | 80 |
|      | 240       | 1-4                  | 110                           | 43       | 90       | 32            | 240 | 50    | 1    | 3    | 2.4                     | 6   | 10.5 | 26.7               | 150 / 67                      | 500                           |  | 20    | 80 |

NOTE: MAXIMUM OPERATING ALTITUDE 10,000 FT./3046' FOR ALL DISC DRIVES FOR NOVA STYLE CABINETS, MOD KIT 005-005249 IS REQUIRED. SEE 010-000056

| Voltage    | Power Cable Length |      | Power Cable Plug | Mating Receptacle on Power Drop | Mating Receptacle in Wall |
|------------|--------------------|------|------------------|---------------------------------|---------------------------|
|            | ft                 | m    |                  |                                 |                           |
| 100V, 50Hz | 5                  | 1.52 | 5-15P            | 5-15R                           | 5-15R                     |
| 120V, 60Hz | 5                  | 1.52 | 5-15P            | 5-15R                           | 5-15R                     |
| 220V, 50Hz | 5                  | 1.52 | 6-15P            | 6-15R                           | 6-15R                     |
| 240V, 50Hz | 5                  | 1.52 | 6-15P            | 6-15R                           | 6-15R                     |



NOTE: THE READ/WRITE HEADS ARE CAREFULLY ALIGNED AT THE FACTORY, AND THE EQUIPMENT IS PACKED IN PROTECTIVE CONTAINERS TO PREVENT DAMAGE DURING SHIPMENT. HOWEVER, ROUGH HANDLING MAY MOVE THE HEADS, SO THAT RE-ALIGNMENT ON-SITE MAY BE REQUIRED. IF THE HEADS DO REQUIRE ALIGNMENT, REFER TO THE PROCEDURE INCLUDED IN THE DOCUMENTATION SUPPLIED WITH THE EQUIPMENT.

CAUTION: EXERCISE EXTREME CARE WHEN LOWERING THE POWER SUPPLY. IF ALLOWED TO FALL FREELY, IT WILL OVERCOME THE RESTRAINT STRAP AND SWING INTO AND DAMAGE COMPONENTS IN THE CABINET BELOW THE DISC DRIVE.

ALL DIMENSIONS IN INCHES

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| REV  | DATE  | BY   | CHKD | APP |
|------|-------|------|------|-----|
| ECO  | 08/31 | 1/26 |      |     |
| APP  | 09/18 |      |      |     |
| DATE | 09/18 |      |      |     |

|          |                    |         |                  |
|----------|--------------------|---------|------------------|
| DRAWN    | Looney/O. Simonski | 5/6/78  | APPROVED         |
| CHECKED  |                    |         | FIRST USED ON    |
| ENGINEER | J. S. [unclear]    | 5/29/78 | CODE IDENT 34984 |

TITLE  
10 MBYTE microNOVA  
DG/DISC STORAGE SUB-  
SYSTEM SERIES 6095

| DATA GENERAL CORPORATION      |      |                |     |
|-------------------------------|------|----------------|-----|
| WESTBORO, MASSACHUSETTS 01581 |      |                |     |
| SIZE                          | CODE | DRAWING NUMBER | REV |
| C                             | 010  | 000203         | 02  |

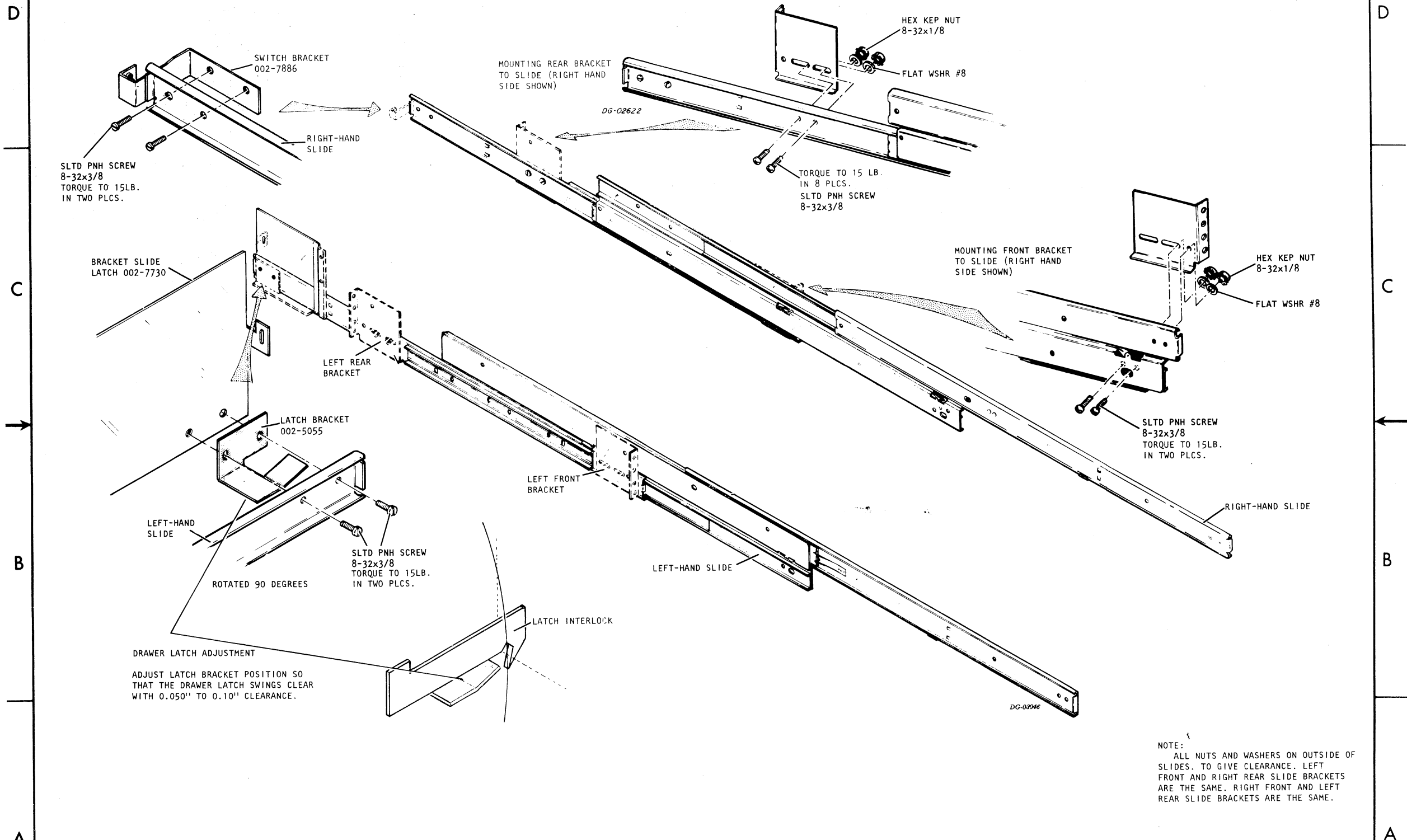




# INSTALLATION PROCEDURE

## MOUNTING KIT (005 010071)

1. ASSEMBLE THE SLIDES. BE SURE TO IDENTIFY RIGHT AND LEFT SLIDES AND BRACKETS.



NOTE:  
ALL NUTS AND WASHERS ON OUTSIDE OF SLIDES. TO GIVE CLEARANCE. LEFT FRONT AND RIGHT REAR SLIDE BRACKETS ARE THE SAME. RIGHT FRONT AND LEFT REAR SLIDE BRACKETS ARE THE SAME.

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| REV | DATE | APP | ENGINEER | DRAWN | APPROVED |
|-----|------|-----|----------|-------|----------|
| ECO |      |     |          |       |          |
|     |      |     |          |       |          |
|     |      |     |          |       |          |

|          |                  |
|----------|------------------|
| CHECKED  | FIRST USED ON    |
| ENGINEER | CODE IDENT 34984 |

TITLE  
10 MBYTE microNOVA  
DG/ DISC STORAGE SUB-  
SYSTEM SERIES 6095

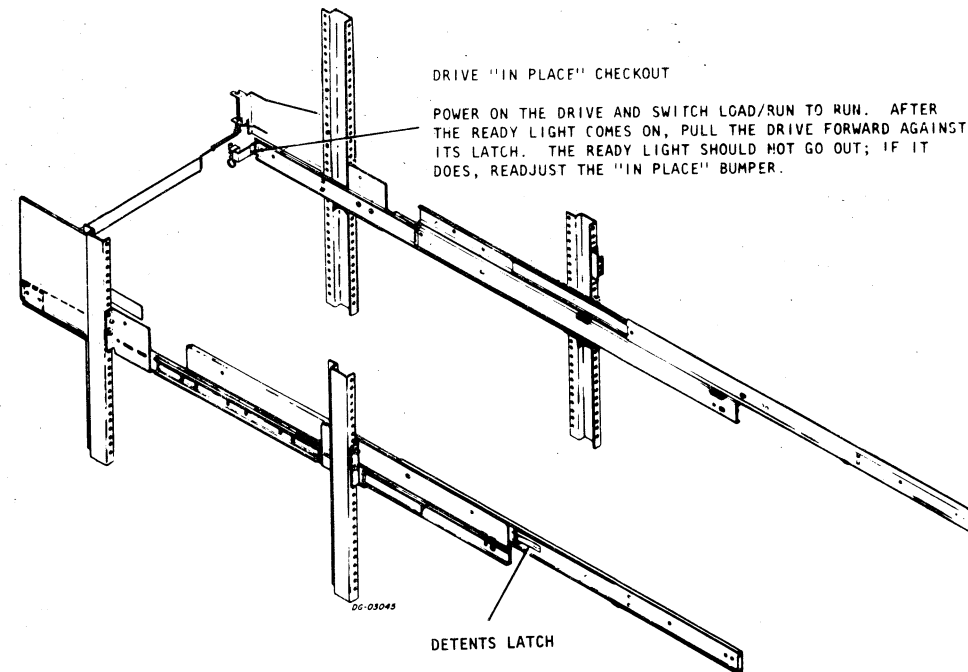
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|-------------------------------|------|----------------|-----|
| DATA GENERAL CORPORATION      |      |                |     |
| SOUTHBORO MASSACHUSETTS 01772 |      |                |     |
| SIZE                          | CODE | DRAWING NUMBER | REV |
| C                             | 010  | 000203         | 02  |



# INSTALLATION IN A CABINET MOUNTING CHASSIS ON THE SLIDES

## 4. INSTALL DISC DRIVE ONTO SLIDES.

**CAUTION:** THIS STEP REQUIRES AT LEAST TWO, AND PREFERABLY THREE PERSONS; THE DRIVE WEIGHS APPROXIMATELY 150 POUNDS, AND SOME MANEUVERING IS REQUIRED DURING INSTALLATION.

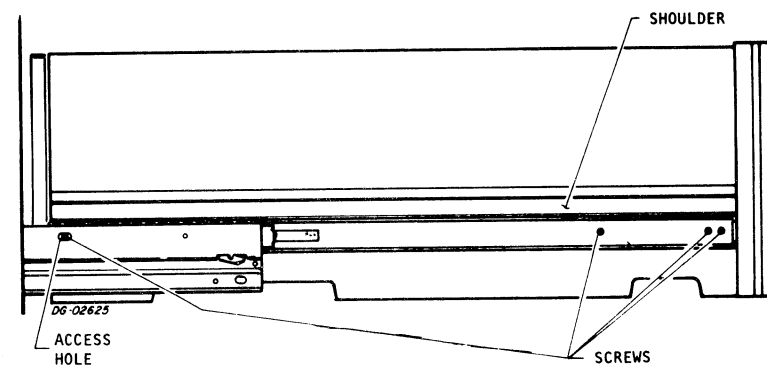


DRIVE "IN PLACE" CHECKOUT

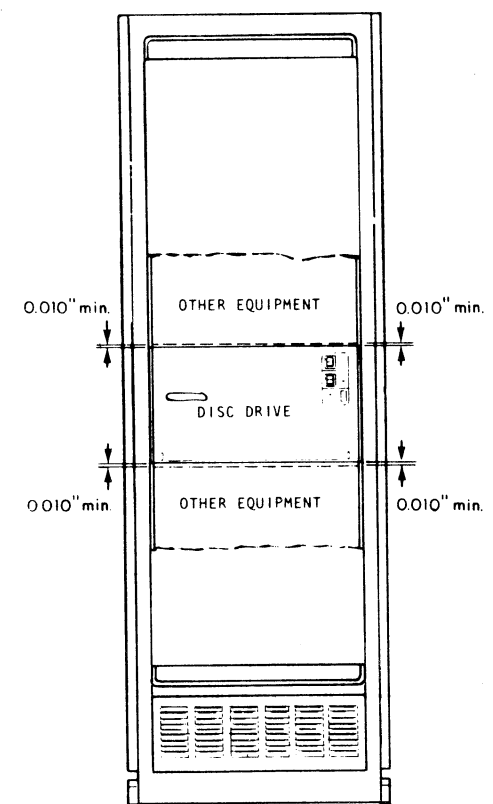
POWER ON THE DRIVE AND SWITCH LOAD/RUN TO RUN. AFTER THE READY LIGHT COMES ON, PULL THE DRIVE FORWARD AGAINST ITS LATCH. THE READY LIGHT SHOULD NOT GO OUT; IF IT DOES, READJUST THE "IN PLACE" BUMPER.

DETENTS LATCH

EXTEND THE SLIDES TO THEIR FULLY EXTENDED (SERVICE) POSITION. ENSURE THAT THE DETENTS LATCH.



LIFT THE DRIVE INTO POSITION, SPREAD THE SLIDES, AND PLACE THE DRIVE ONTO THE EXTENDED SLIDES. PUSH THE SLIDES AGAINST THE CASTING SO THAT THE WEIGHT IS SUPPORTED BY THE MACHINED SHOULDER ON THE CASTING. THE SCREW HOLES IN THE SLIDE SHOULD ALIGN WITH THE TAPPED HOLES IN THE CASTING. SLIDE THE DRIVE FORWARD OR BACKWARD UNTIL THE HOLES ARE ALIGNED. BE SURE TO HOLD THE SLIDES FIRMLY AGAINST THE CASTING AND UNDER THE SHOULDER DURING THIS OPERATION. DO NOT RELEASE THE SLIDES UNTIL ALL SCREWS ARE INSTALLED.



CHECK CLERANCES BETWEEN DRIVE AND OTHER EQUIPMENT

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| REV | DATE | APP | ECO |
|-----|------|-----|-----|
|     |      |     |     |
|     |      |     |     |
|     |      |     |     |

| DRAWN    | APPROVED         |
|----------|------------------|
| CHECKED  | FIRST USED ON    |
| ENGINEER | CODE IDENT 34984 |

TITLE  
**10 MBYTE microNOVA  
DG/ DISC STORAGE SUB-  
SYSTEM SERIES 6095**

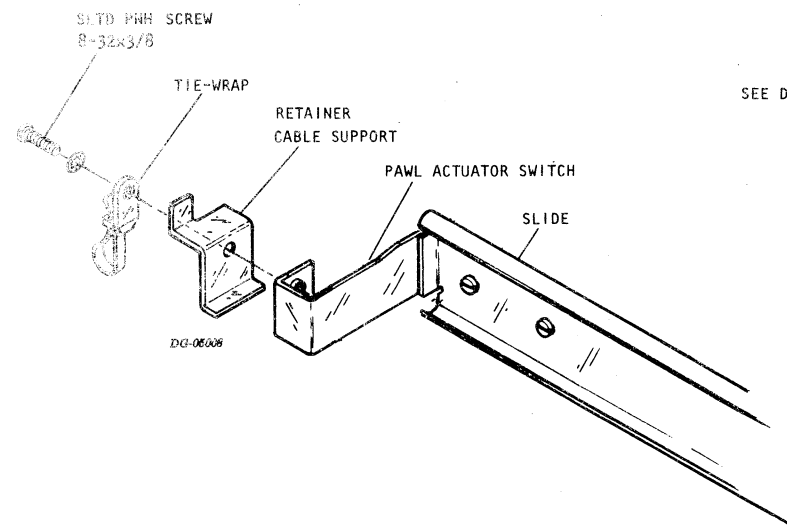
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|-------------------------------|------|----------------|-----|
| SOUTHBORO MASSACHUSETTS 01772 |      |                |     |
| SIZE                          | CODE | DRAWING NUMBER | REV |
| C                             | 010  | 000203         | 02  |

# INSTALLATION IN A CABINET (Cont.)

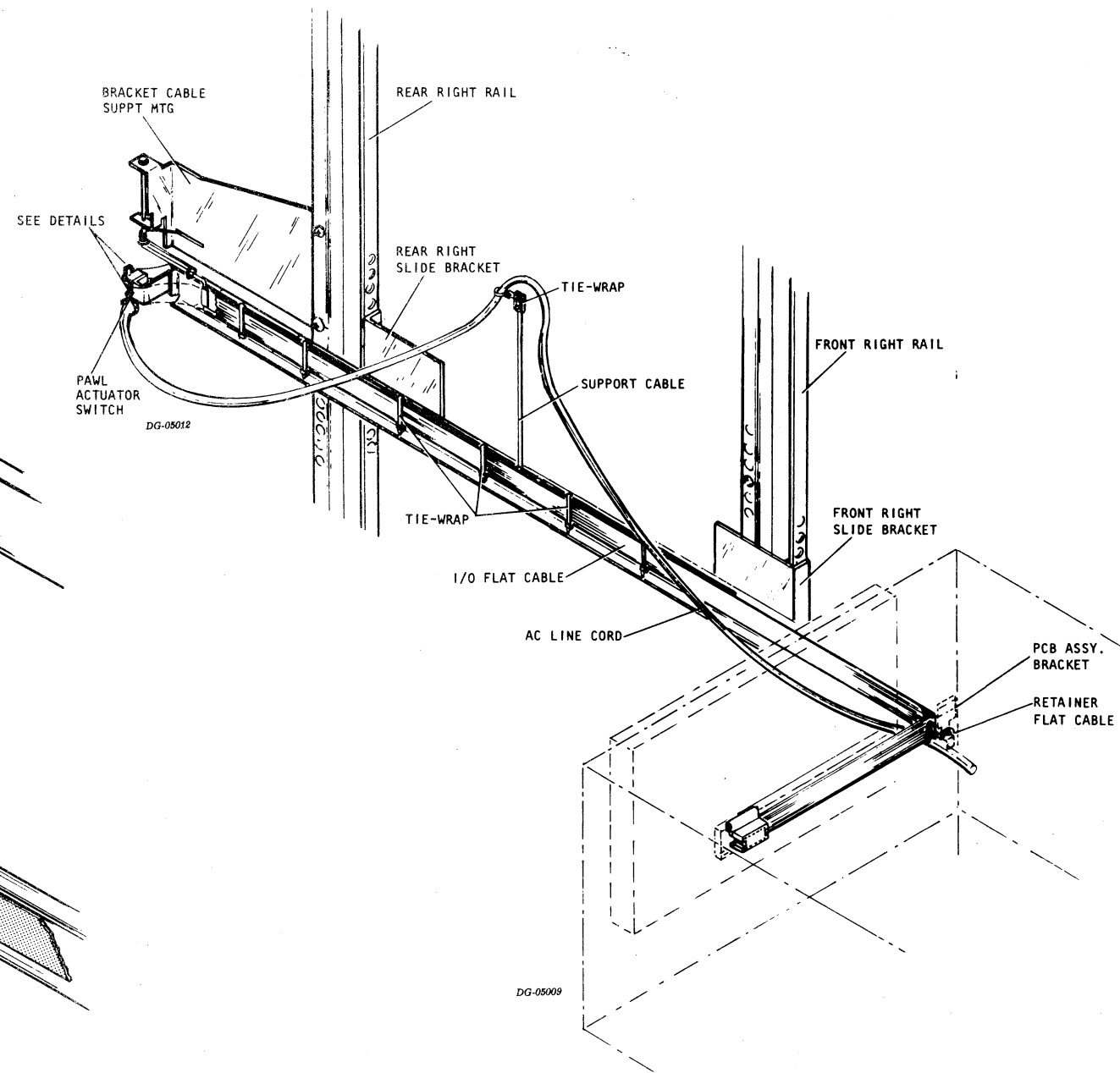
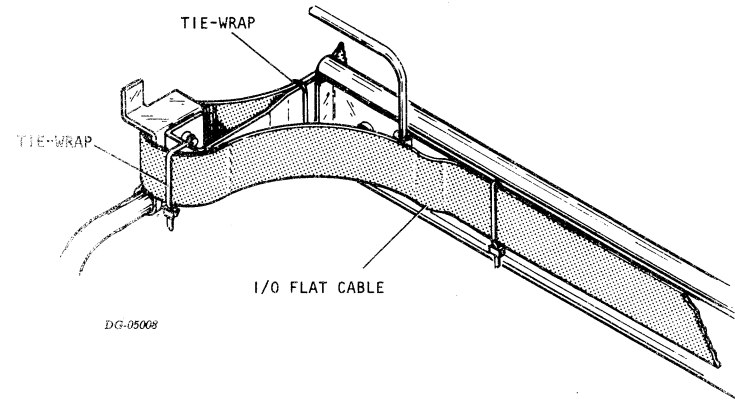
## ATTACHING I/O AND AC LINE CABLES

- ATTACH I/O AND POWER CABLES  
 WHEN DRIVE IS EXTENDED INTO FULL FORWARD LOCK POSITION,  
 ASSEMBLE AS FOLLOWS:
- A) POSITION CABLE ASSY ONTO RETAINER FLAT CABLE.
  - B) SECURE FLAT I/O CABLE TO SUPPORT, AND PAWL  
 ACTUATOR SWITCH USING TIE-WRAP AS SHOWN.
  - C) ASSEMBLE AC LINE CORD INTO TIE-WRAP IN TWO  
 PLACES AS SHOWN.

**DETAIL A**  
**MOUNTING RETAINER CABLE SUPPORT**



**DETAIL B**  
**WRAPING I/O CABLE TO PAWL ACTUATOR SWITCH**



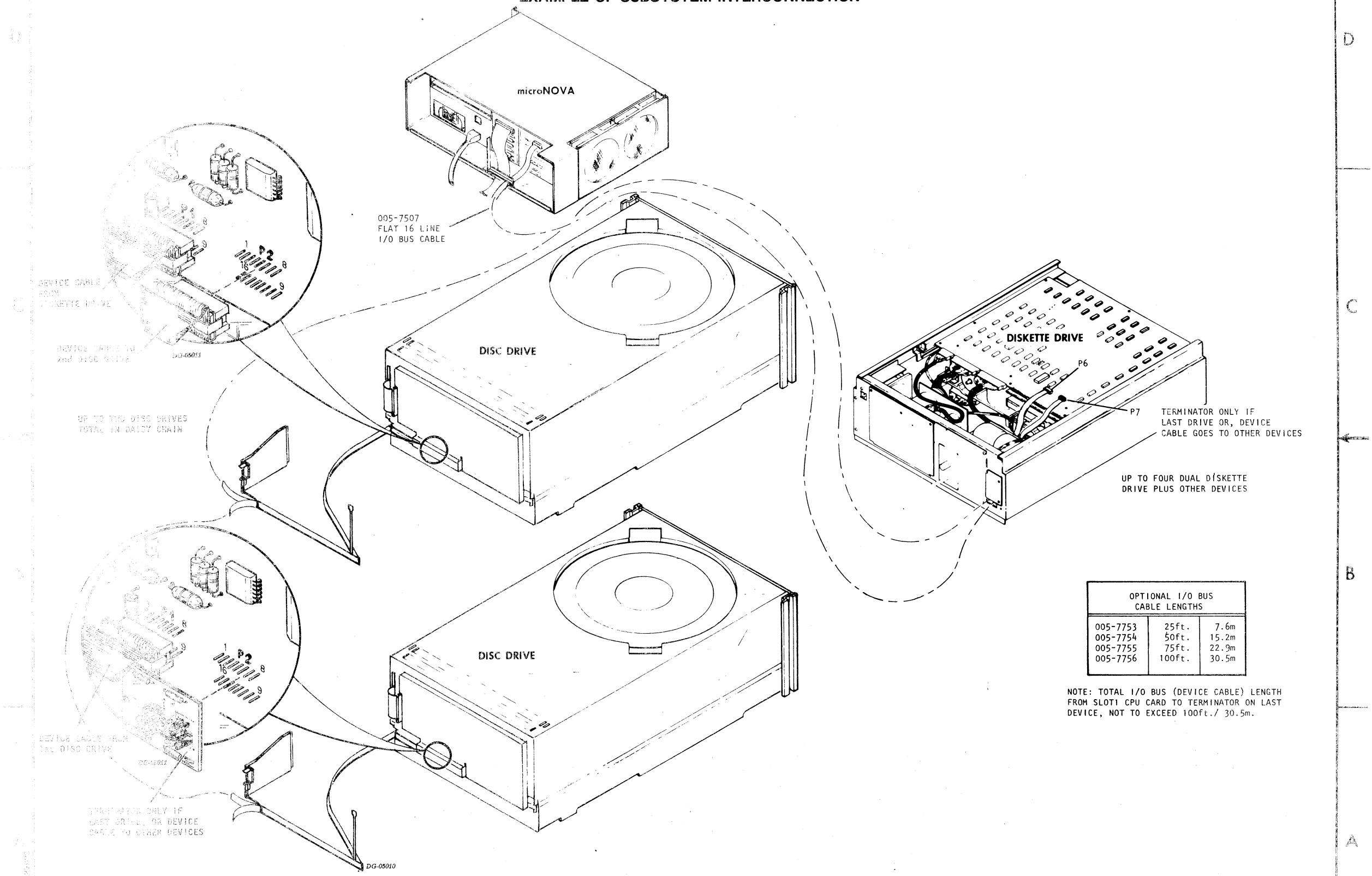
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| REV  | DRAWN    | APPROVED         | TITLE  |
|------|----------|------------------|--|
| ECO  | CHECKED  | FIRST USED ON    | <b>10 MBYTE microNOVA<br/>                     DG/ DISC STORAGE SUB-<br/>                     SYSTEM SERIES 6095</b> |
| APP  | ENGINEER | CODE IDENT 34984 |  |
| DATE |          |                  |  |

|                                 |      |                |     |
|---------------------------------|------|----------------|-----|
| <b>DATA GENERAL CORPORATION</b> |      |                |     |
| SOUTHBORO MASSACHUSETTS 01772   |      |                |     |
| SIZE                            | CODE | DRAWING NUMBER | REV |
| C                               | OIO  | 000203         | 02  |

# EXTERNAL CABLING

## EXAMPLE OF SUBSYSTEM INTERCONNECTION



| OPTIONAL I/O BUS CABLE LENGTHS |        |       |
|--------------------------------|--------|-------|
| 005-7753                       | 25ft.  | 7.6m  |
| 005-7754                       | 50ft.  | 15.2m |
| 005-7755                       | 75ft.  | 22.9m |
| 005-7756                       | 100ft. | 30.5m |

NOTE: TOTAL I/O BUS (DEVICE CABLE) LENGTH FROM SLOT1 CPU CARD TO TERMINATOR ON LAST DEVICE, NOT TO EXCEED 100ft./ 30.5m.

|  |      |  |          |  |               |       |  |   |                |     |
|--|------|--|----------|--|---------------|-------|--|---|----------------|-----|
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|  | ECO  |  | CHECKED  |  | FIRST USED ON |       |  |   |                |     |
|  | APP  |  | ENGINEER |  | CODE IDENT    | 34984 |  |   |                |     |
|  | DATE |  |          |  |               |       |  |   |                |     |
|  |      |  |          |  |               |       | SIZE   | CODE  | DRAWING NUMBER | REV |
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