StorageWorks™

Solutions

SW82x Series Cabinets Configuration Guide

This document describes the SW82x Series Cabinet Storage Sets. It shows the location of the controller shelf, SBB shelves, and SCSI cable routing of each storage set. See the appropriate user's guide for detailed information about the cabinet, the shelves, or the I/O modules.

Description

The three SW82x series configurations are:

SW820   Five split bus configuration storage sets. Each storage set consists of one controller shelf, three SBB shelves, with an 8-bit I/O module in each SBB shelf. All shelves have a redundant power supply.

SW821   Seven split bus configuration storage sets. Each storage set consists of one controller shelf, two SBB shelves, with an 8-bit I/O module in each SBB shelf. All shelves have a redundant power supply.

SW822   Three single bus configuration storage sets. Each storage set consists of one controller shelf, six SBB shelves, with an 8-bit I/O module in each SBB shelf. All shelves have a redundant power supply.

The locations of the 8-bit I/O modules and power supplies are always as shown in Figure 1 and Figure 2.

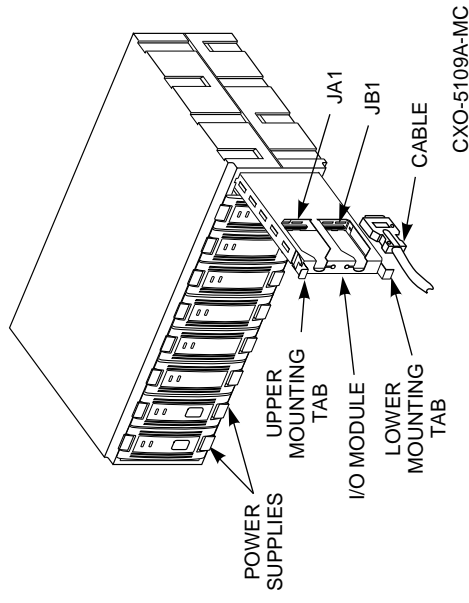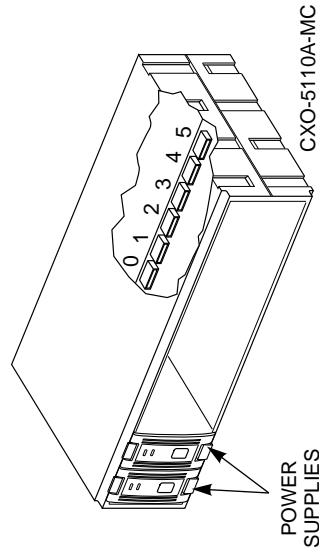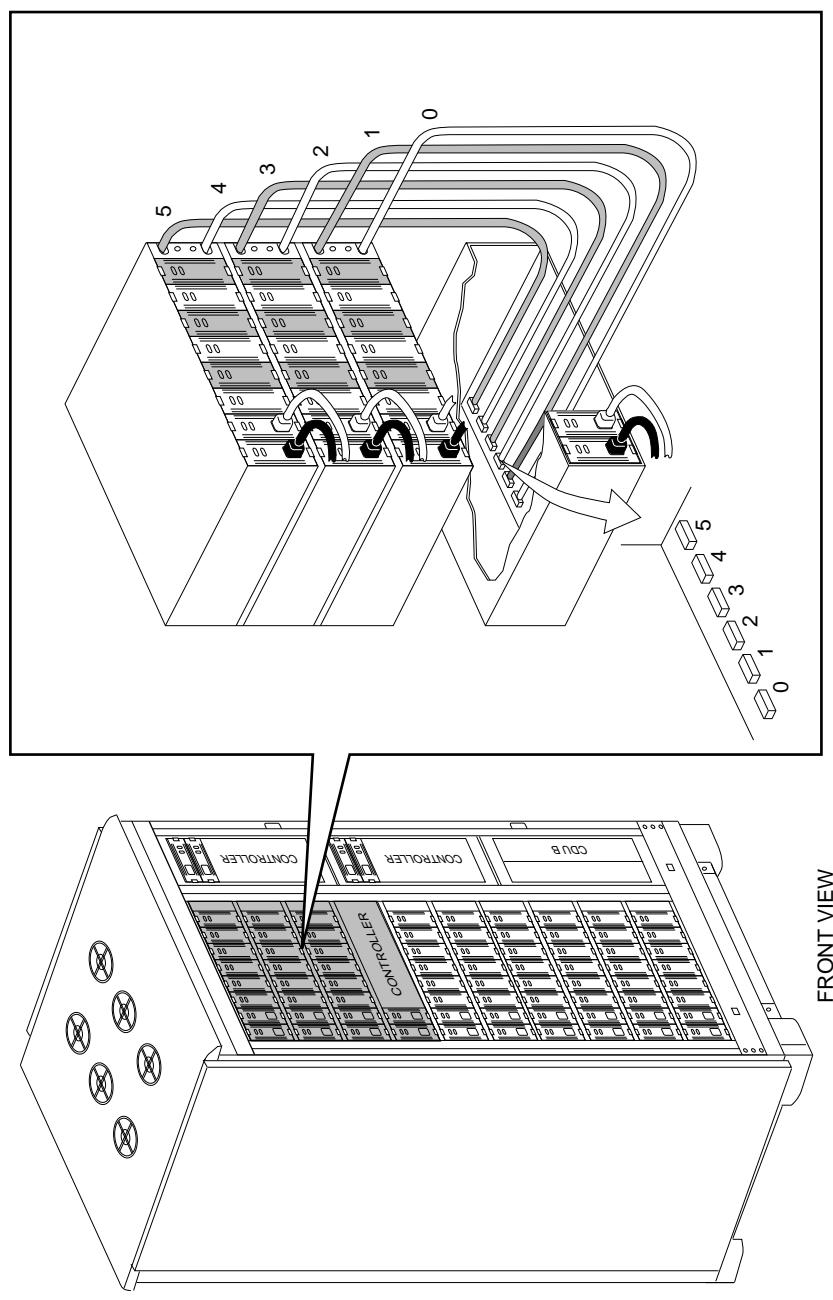**Figure 1 Typical SBB Shelf with 8-Bit I/O Module**

POWER SUPPLIES

UPPER MOUNTING TAB

JA1
JB1
CABLE

I/O MODULE

LOWER MOUNTING TAB

CXO-5109A-MC

Figure 2 Typical Controller Shelf

0 1 2 3 4 5

POWER SUPPLIES

CXO-5110A-MC

SW820 Storage Cabinet

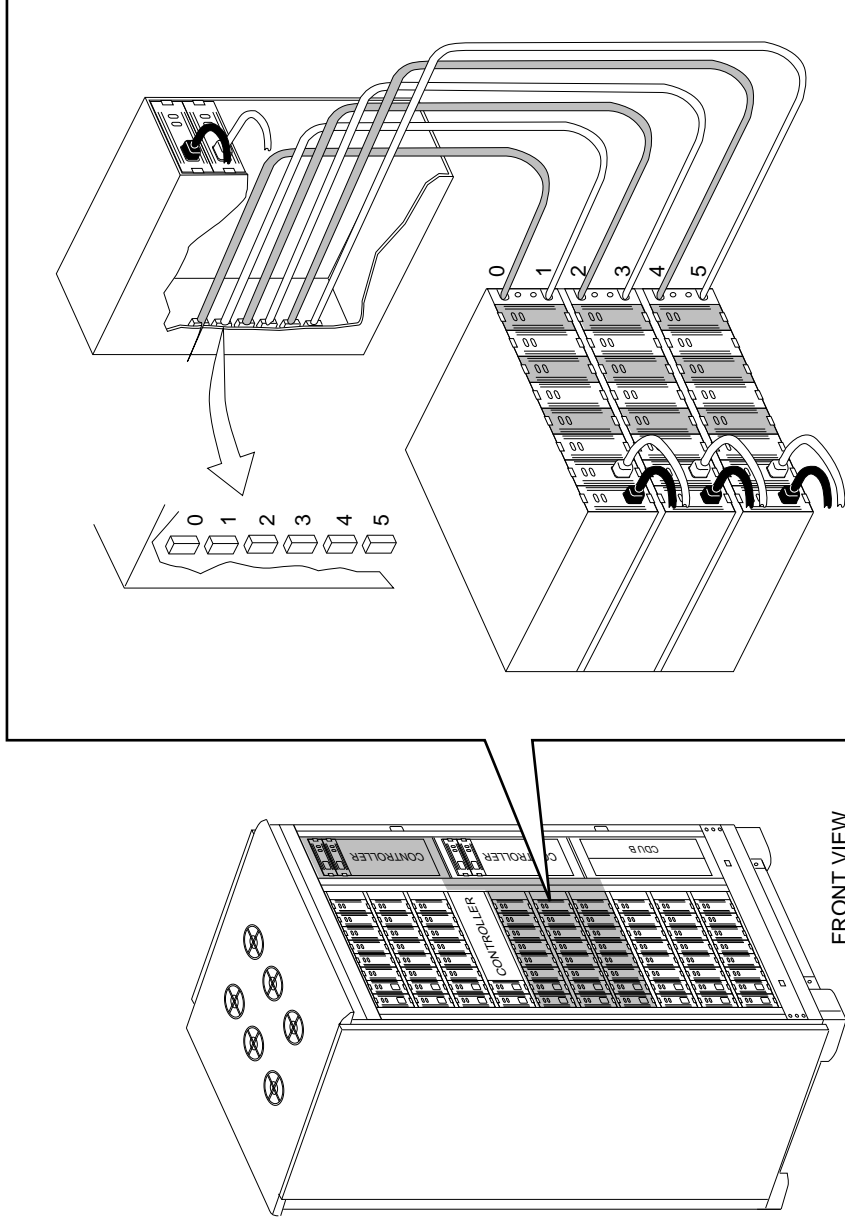The five SW820 storage sets cable connections are shown in Figure 3 through Figure 7.

Figure 3 SW820 Storage Set 1

CXO-5094A-MC

Figure 4 SW820 Storage Set 2

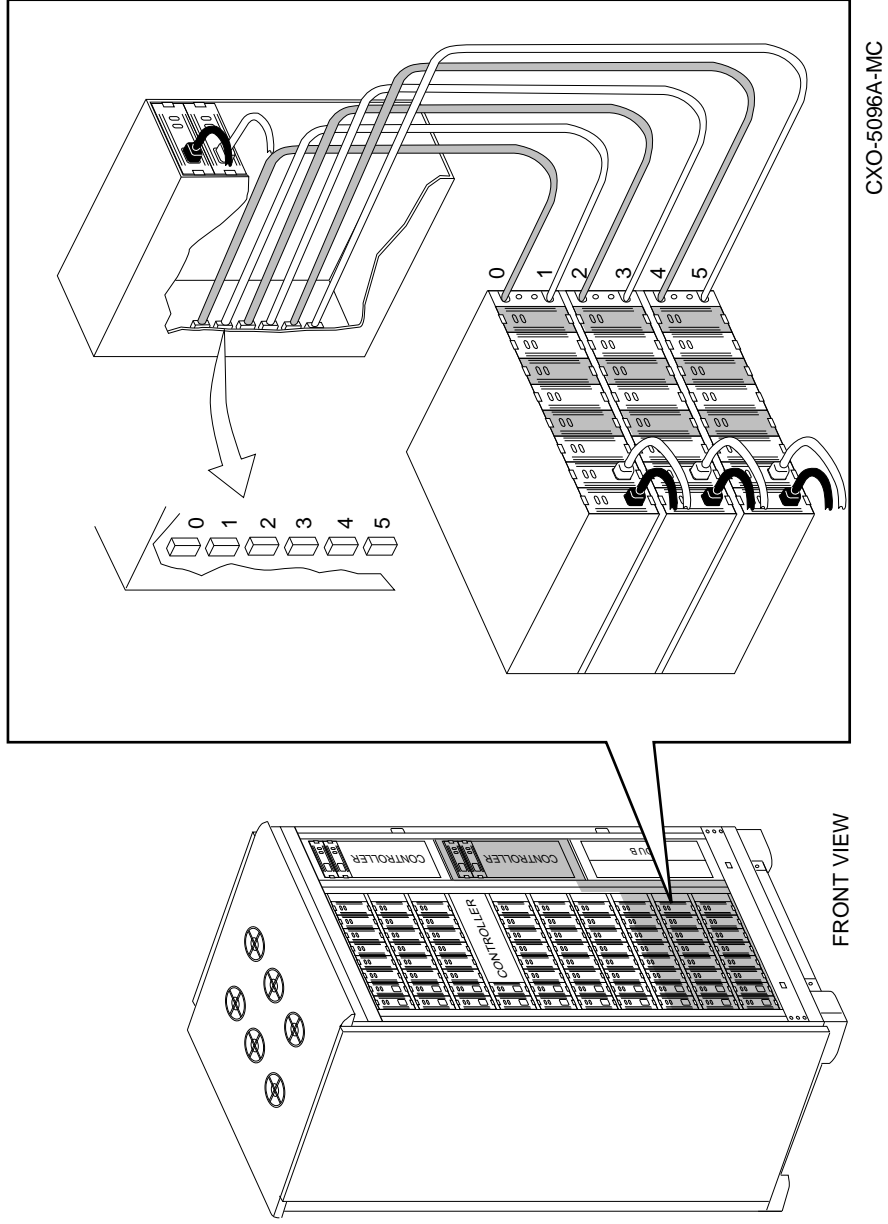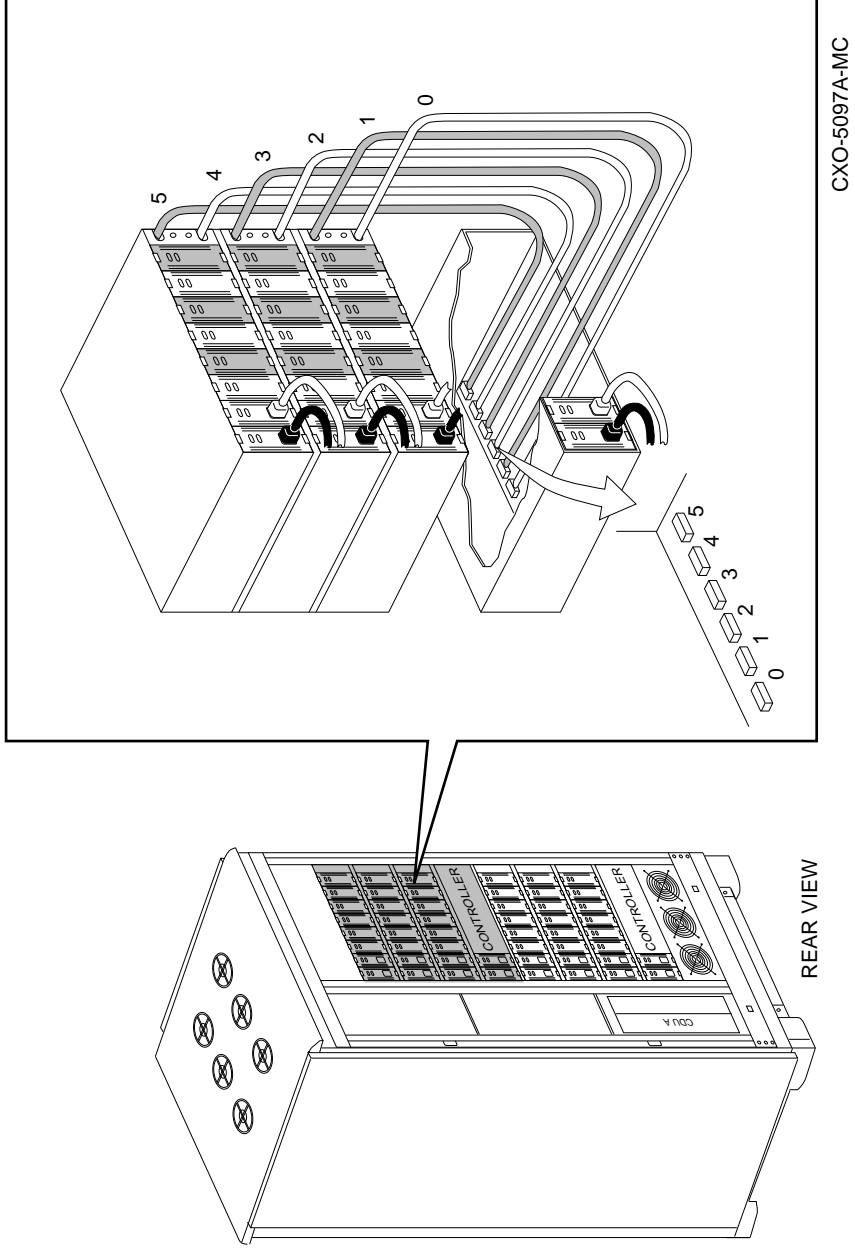

CXO-5095A-MC

FRONT VIEW

Figure 5 SW820 Storage Set 3

CXO-5096A-MC

FRONT VIEW

4

Figure 6 SW820 Storage Set 4

CXO-5097A-MC

REAR VIEW

CONTROLLER

CONTROLLER

CBU A

0 1 2 3 4 5

0 1 2 3 4 5

Figure 7 SW820 Storage Set 5

REAR VIEW

CXO-5098-MC
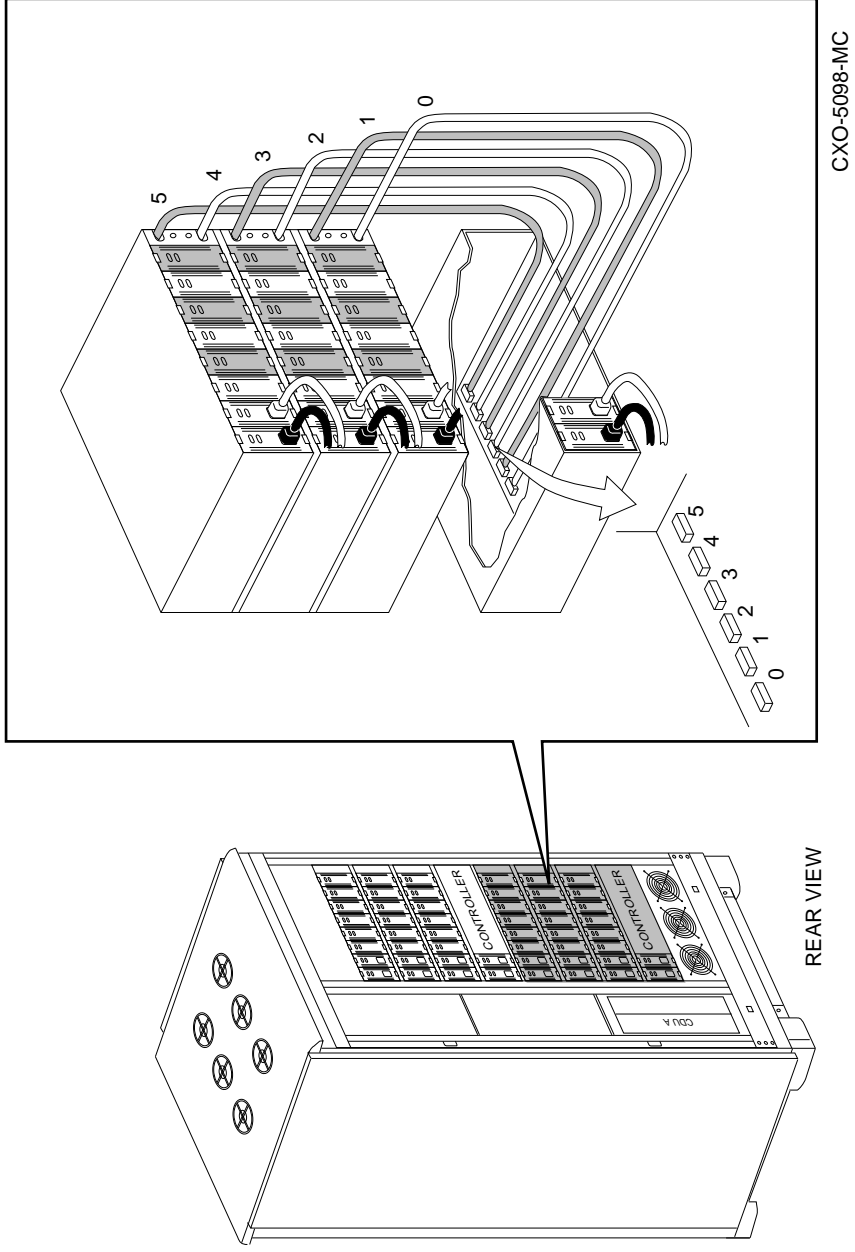
SW821 Storage Cabinet

The seven SW821 storage sets cable connections are shown in Figure 8 through Figure 14.
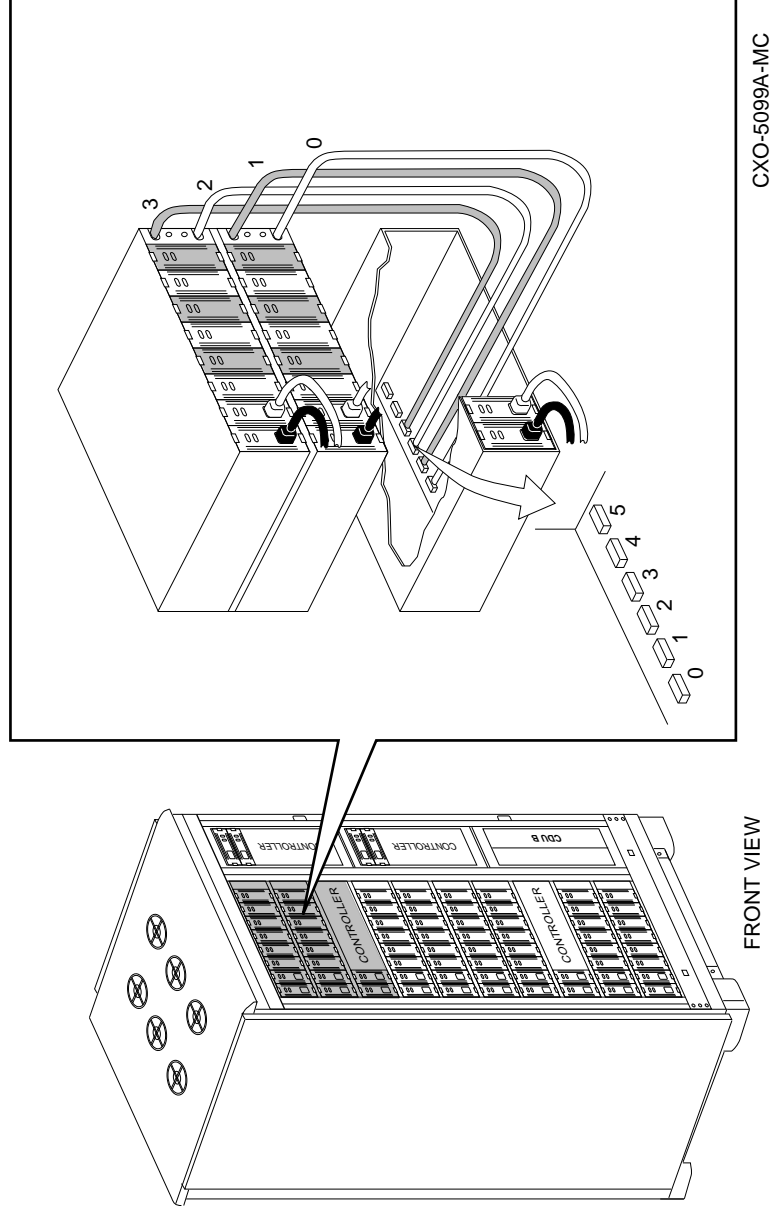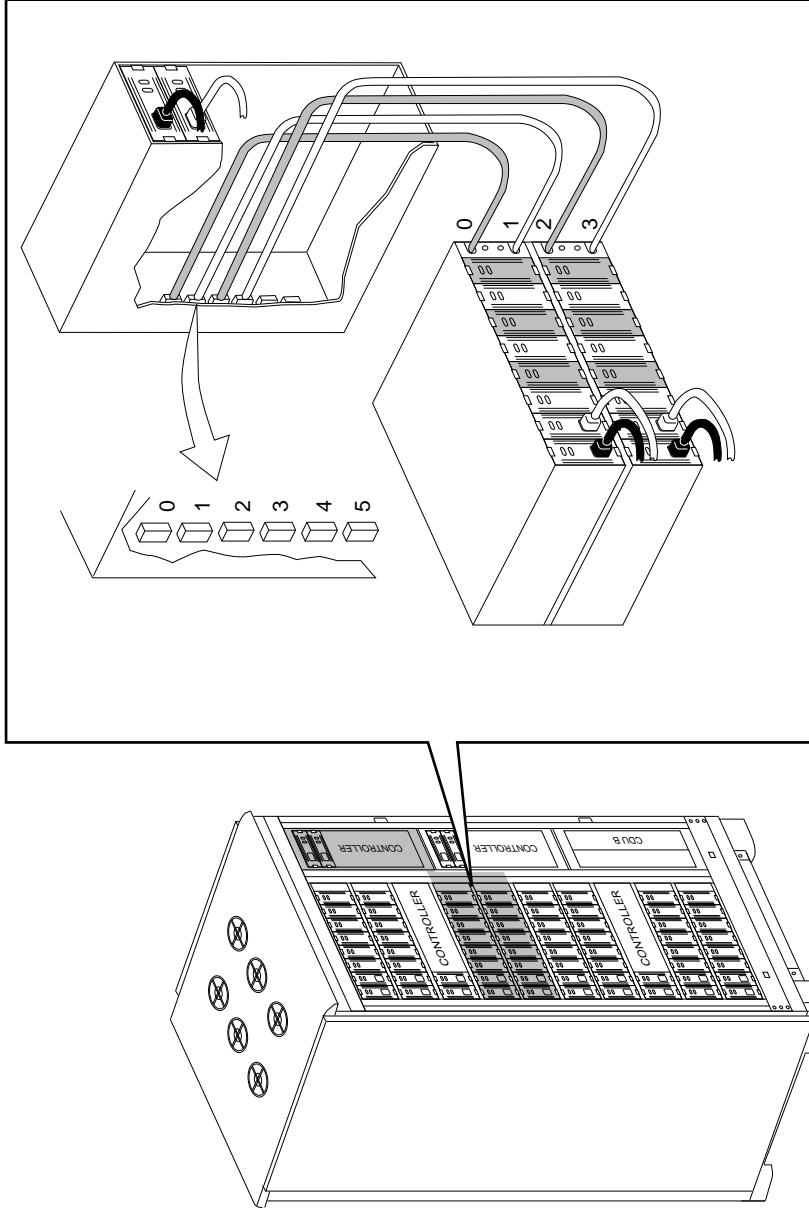
Figure 8 SW821 Storage Set 1

CXO-5099A-MC

Figure 9 SW821 Storage Set 2

CXO-5100A-MC

FRONT VIEW

Figure 10 SW821 Storage Set 3

FRONT VIEW

CXO-5101A-MC
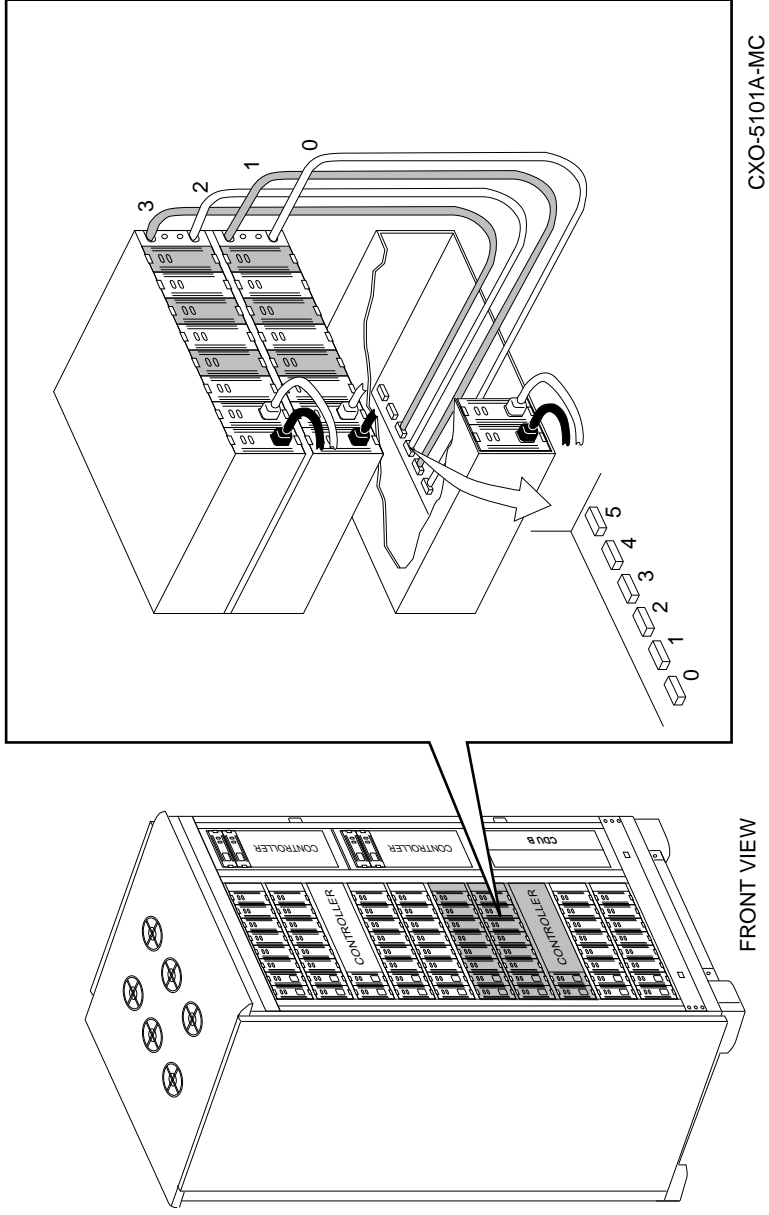
Figure 11 SW821 Storage Set 4

CXO-5102A-MC

FRONT VIEW
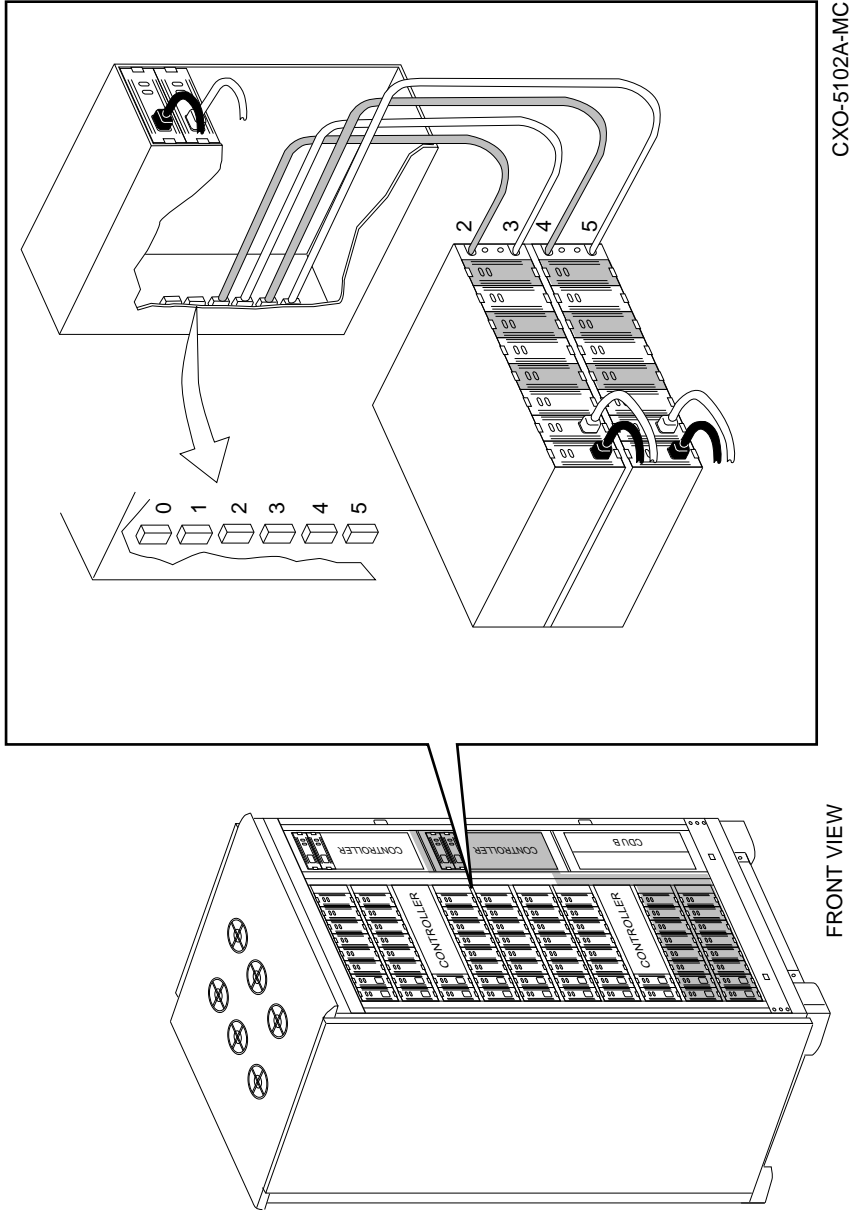
Figure 12 SW821 Storage Set 5

CXO-5103A-MC

REAR VIEW
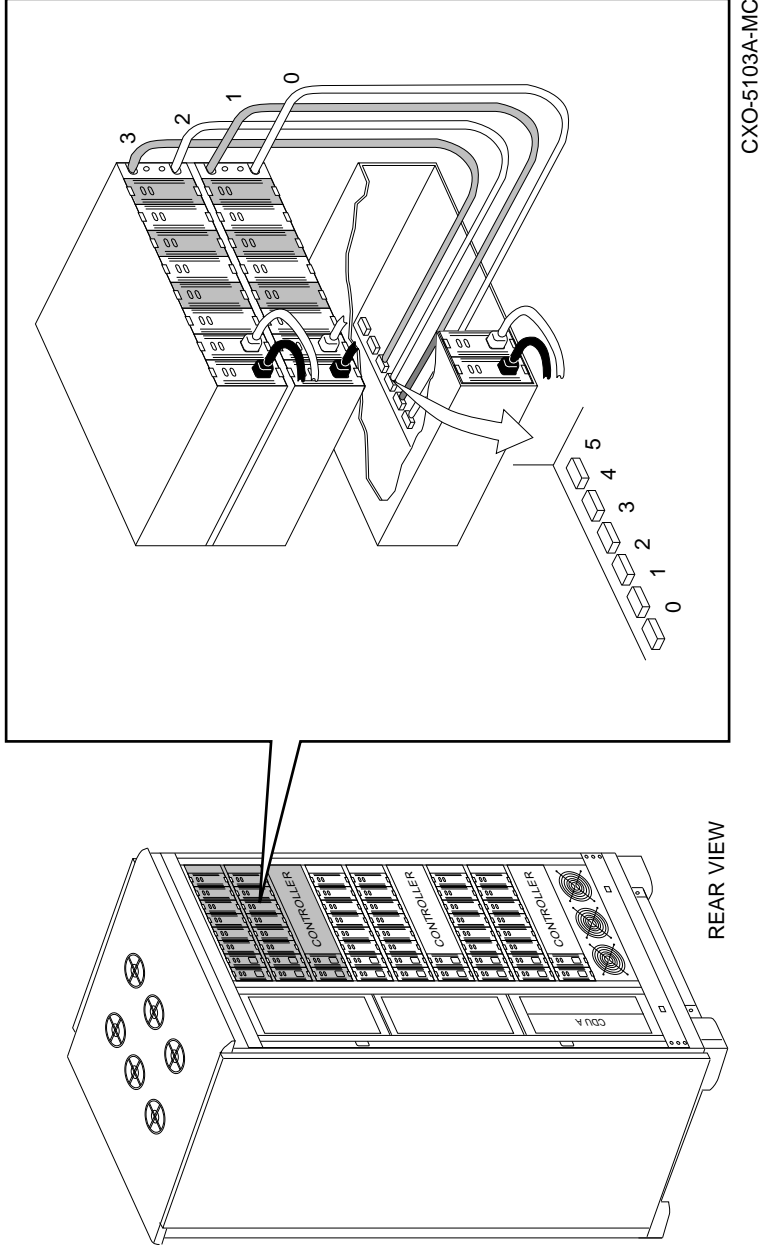
Figure 13 SW821 Storage Set 6

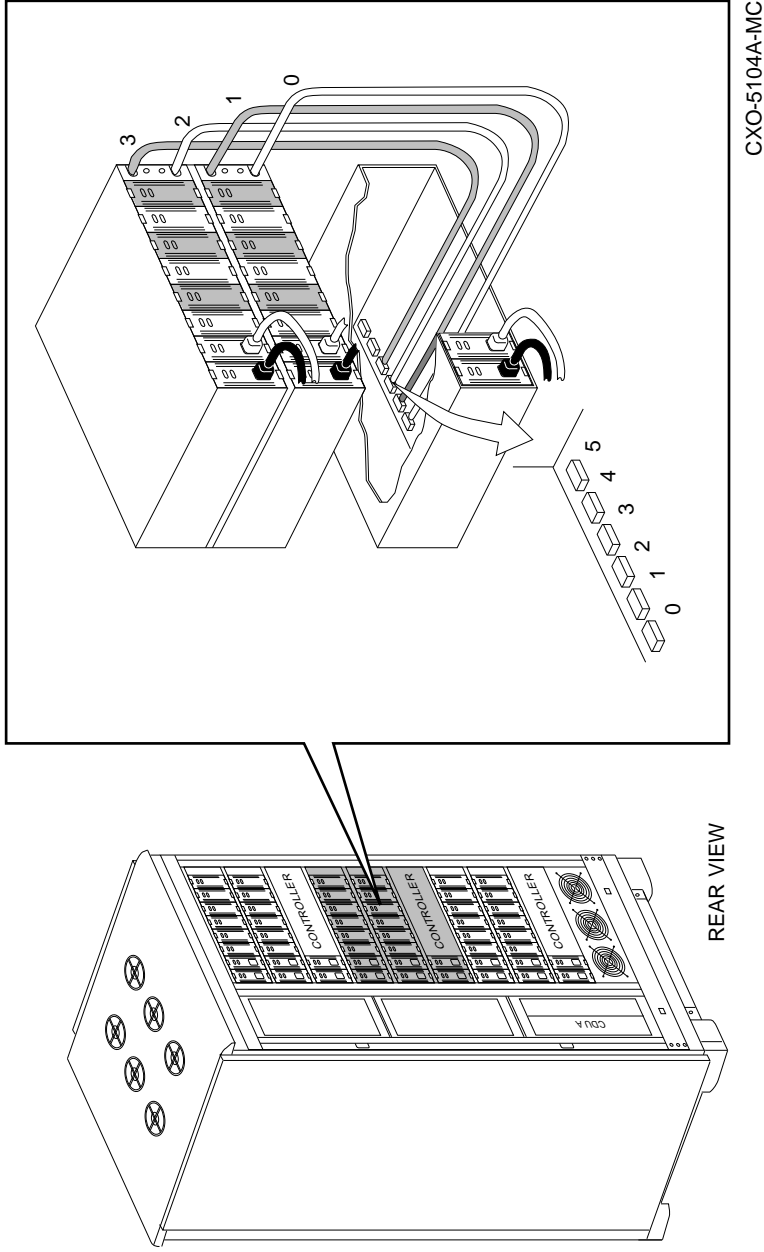REAR VIEW

CXO-5104A-MC

Figure 14 SW821 Storage Set 7

REAR VIEW

CXO-5105A-MC
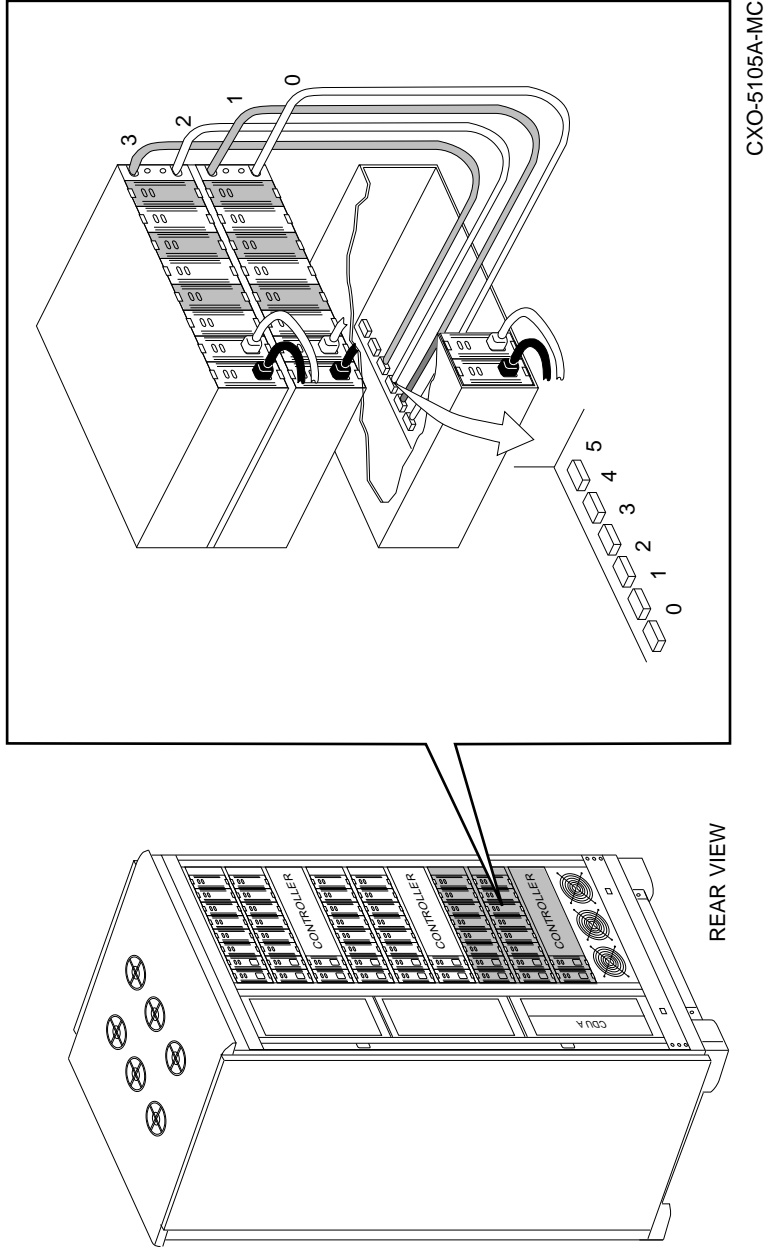
SW822 Storage Cabinet

The three SW822 storage sets cable connections are shown in Figure 15 through Figure 17.
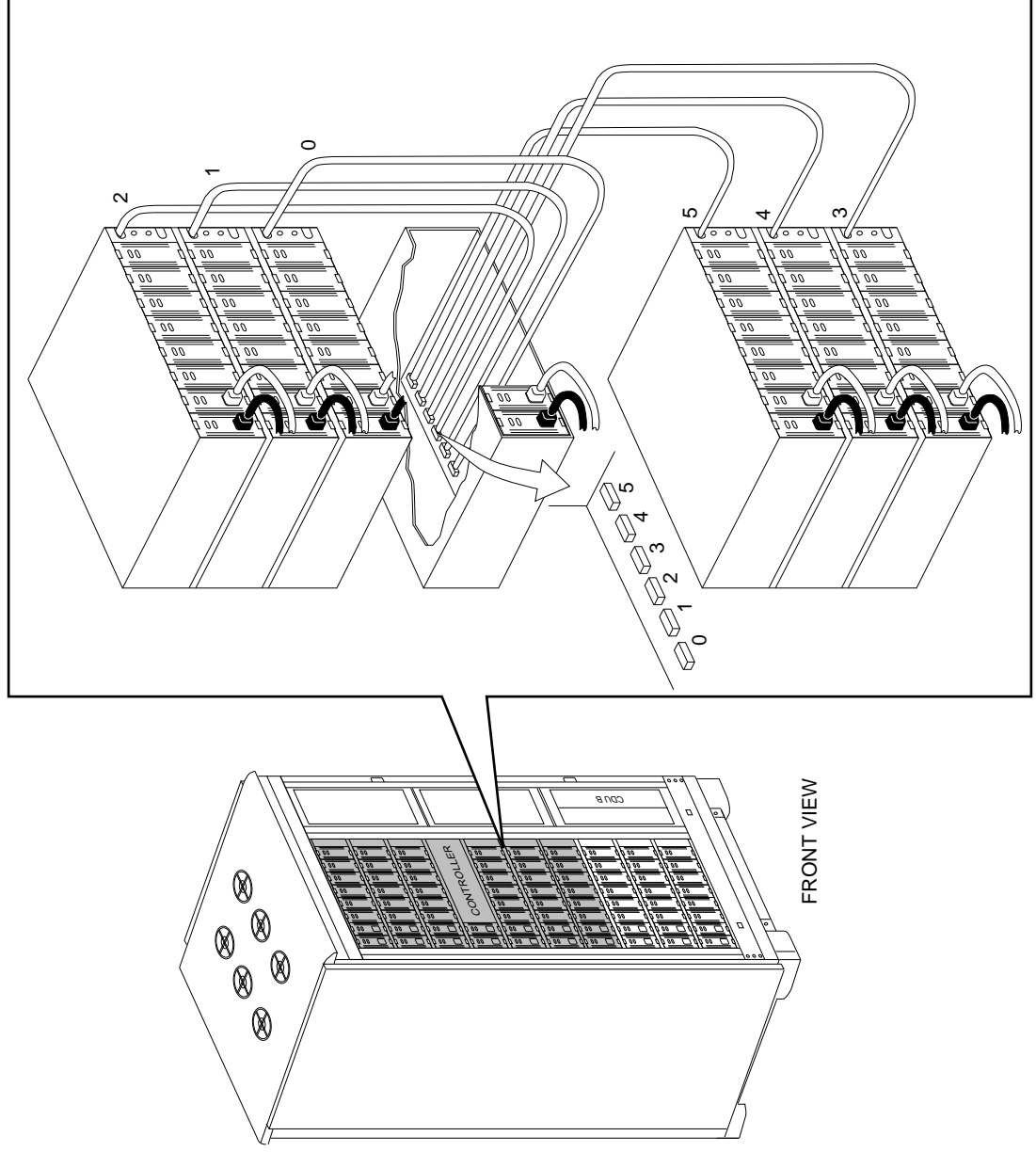
Figure 15 SW822 Storage Set 1

CXO-5106A-MC

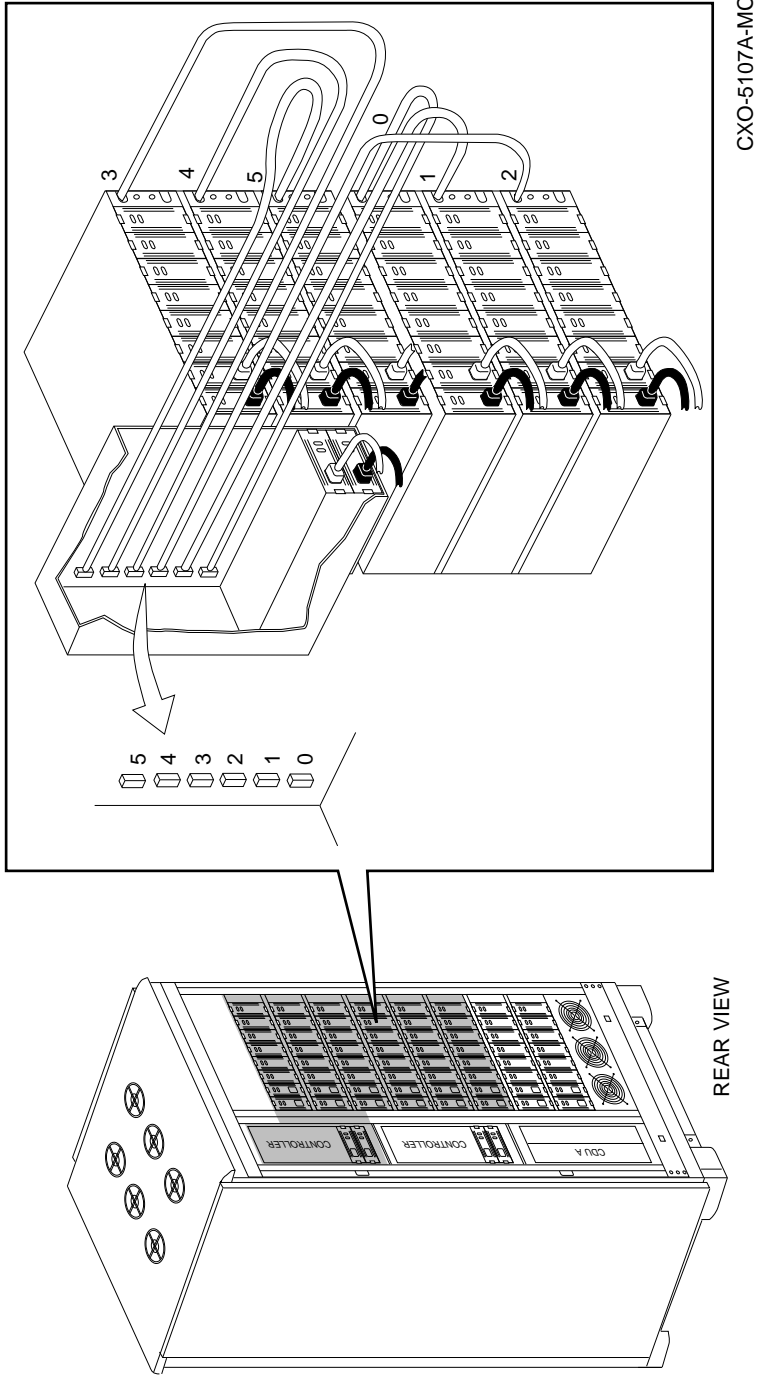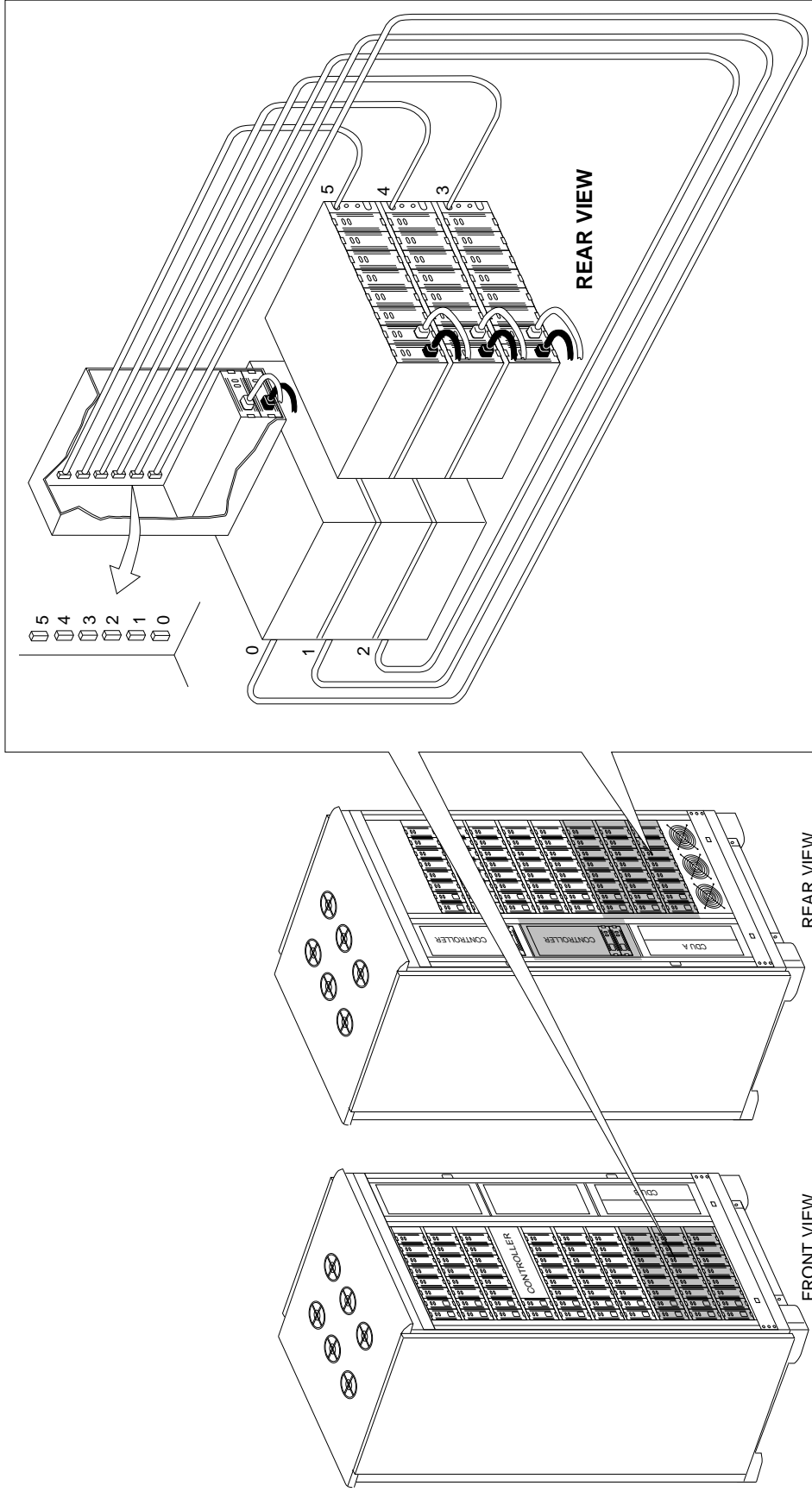**Figure 16 SW822 Storage Set 2**

CXO-5107A-MC

REAR VIEW

CONTROLLER

CONTROLLER

CDU A

Figure 17 SW822 Storage Set 3

REAR VIEW

CXO-5108A-MC

REAR VIEW

FRONT VIEW