

OUTDOOR DISTRIBUTION TERMINALS
GARDEN APARTMENTS - INSTALLATION

1. GENERAL

1.01 This section provides instructions for the installation and wiring of an outdoor distribution terminal for garden apartments served by buried, exposed cable.

1.02 This terminal provides punch-on in and out terminations for either 25 or 50 pairs of distribution cable and provides station protection on all station wiring. The station wiring is terminated on punch-on blocks. The wiring method used eliminates splices at terminal locations and allows loop through terminations in a uniform manner.

1.03 The terminal closure is wall mounted, waterproof and presents a pleasing appearance. A uniform prewire arrangement and storage area is provided at each terminal location.

1.04 The workmen doing the prewiring will mount the terminal closures, place the connecting blocks, protector blocks and the ground wire.

1.05 The construction forces place and terminate the distribution cables.
See B.S.P. 631-470-900SW.

2. DESCRIPTION

2.01 The modified MC10/48 cable closure (Exhibit 1) is a wall mounted closure 48 inches high, 10 inches wide and 4 inches deep, painted a Bell System grey-green. The closure is divided into two chambers to separate cable splicing and station wiring operations. Two lift off doors are provided. The bottom door may be left in place once the original cable installation is made. For normal installation and repair activity

only the top door need be removed.

2.02 The lower chamber is provided with a splice support bar and a 4 tab cable grounding bar for securing and bonding cables. (See Exhibit 2)

2.03 The upper right side of the chamber shall be equipped with 1 or 2 No. 66 M1-25 connecting blocks mounted on 89-B brackets for termination of the distribution cable. (See Exhibit 2)

2.04 The upper left side of the chamber shall be equipped with 1 to 4 No. R 66 protector blocks for termination of up to 24 station lines. (See Exhibit 2)

2.05 The backplate is provided with knock-outs to permit the entrance of the station pre-wiring from the building. (See Exhibit 3)

2.06 The closure can be mounted to the wall studs during construction of the building by means of 2 - MC10/48 mounting brackets. (See Exhibit 3). It can be surface mounted without using the brackets after the exterior walls are completed.

3. INSTALLATION

3.01 The terminal closure should be mounted so that the bottom is as close as practicable to final grade.

3.02 The MC10/48 mounting brackets for use on unfinished buildings have 6 holes provided for variable attachment to the wall studs. Mount the closure so it will be flush against the finished exterior wall. Provide protection for the station wires to prevent damage during the exterior wall construction.

3.03 All of the station wires shall be brought through the knockouts which are provided in the rear wall of the closure.

3.04 Mount the 89 B brackets and 66 M1-25 connecting blocks on the upper right side of the closure with screws that are provided. (See Exhibit 4)

3.05 Mount the R 66 protector blocks on the upper left side of the closure.

Attach the two P-43C237 distributing rings to the brackets provided at the top of the closure. (See Exhibit 4)

3.06 Place No. 6 ground wire from ground lug on top protector block to an approved ground as outlined in B.S.P. 460-100-201. Bond all protector blocks together with No. 6 ground wire. (See Exhibit 5)

3.07 Six pair inside wiring cable or quad station wire may be used to prewire garden type apartments. When six pair cable is used, two apartments should be wired to each six pair cable. One quad wire should be used for each apartment.

3.08 Wires shall be arranged and spare pairs stored in accordance with Exhibit 5. All terminations shall be made with the 714-B Punch-on Tool per B.S.P. 461-604-100.

3.09 Place "G" cross connect wire from house to distribution pairs using distribution rings in accordance with Exhibit 5.

3.10 Stencil the apartment unit terminations on the designation strips of the connecting blocks.

4. ORDERING INFORMATION

4.01 Order through Western Electric, material usage code 01.

Quantity	Closure cable modified MC10/48
Quantity	Block connecting 66 M1-25
Quantity	Bracket 89 B
Quantity	Bracket Mounting MC10/48
Quantity	Block protector R 66
Quantity	Rings Distributing P-43C237

EXHIBIT 1

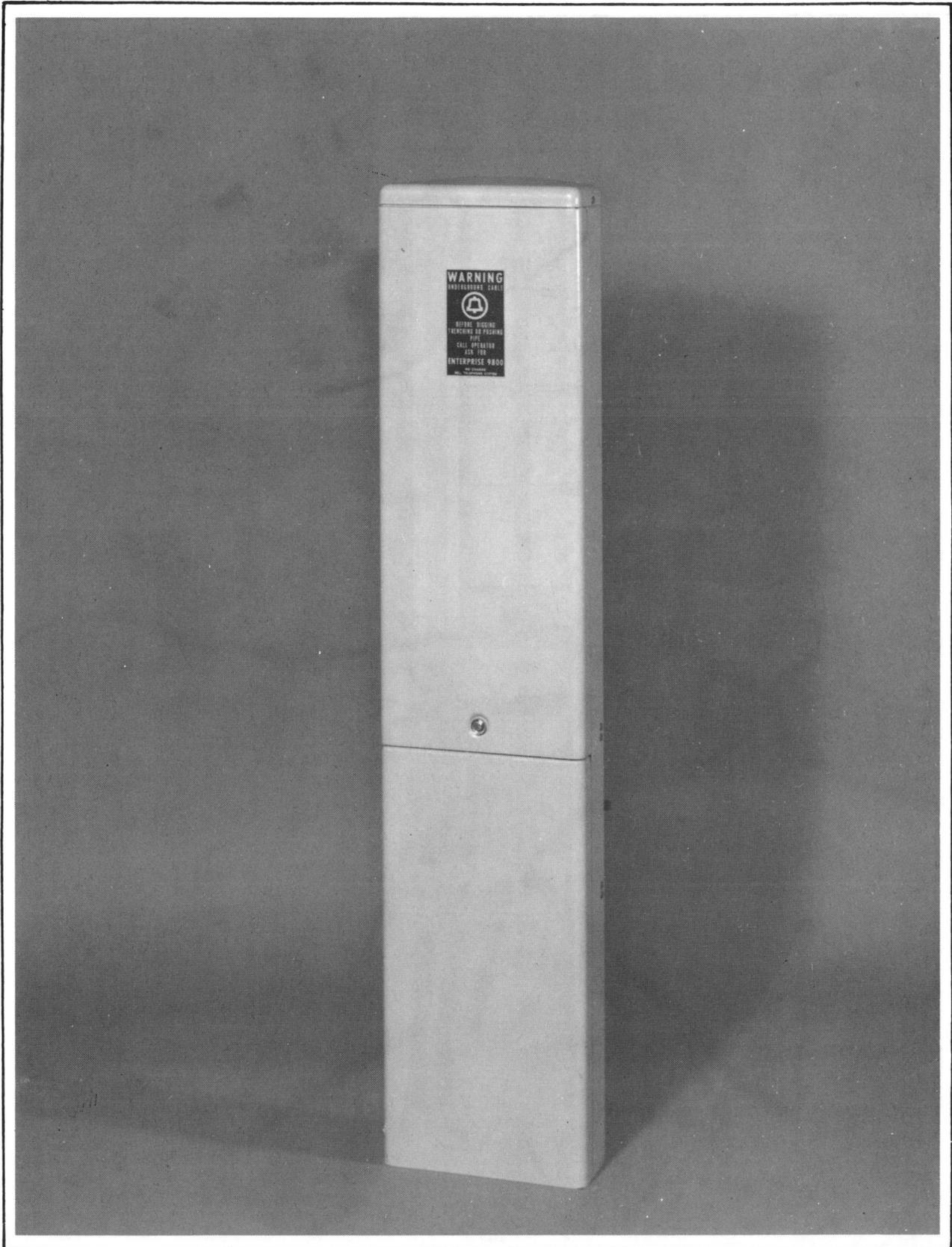


EXHIBIT 2

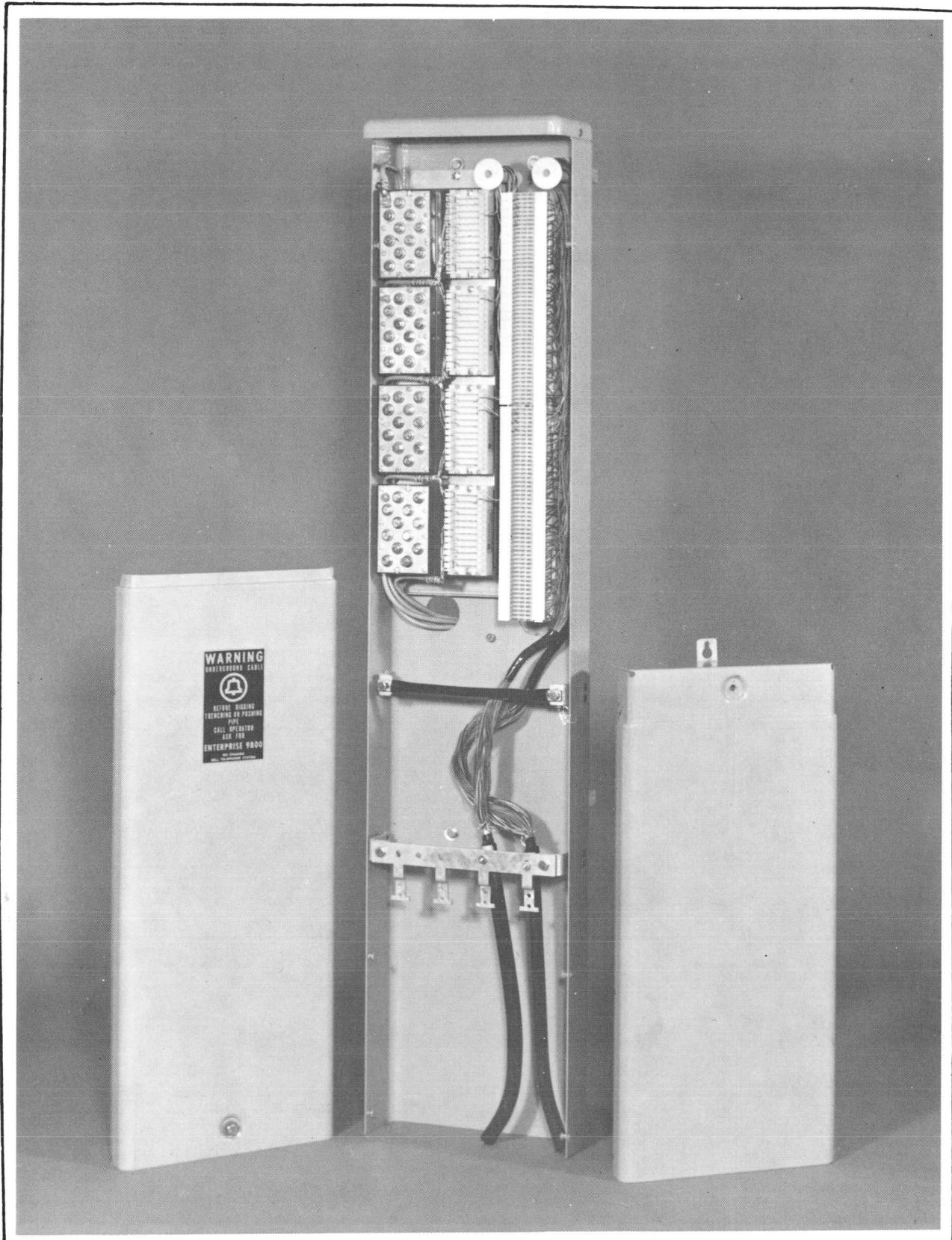


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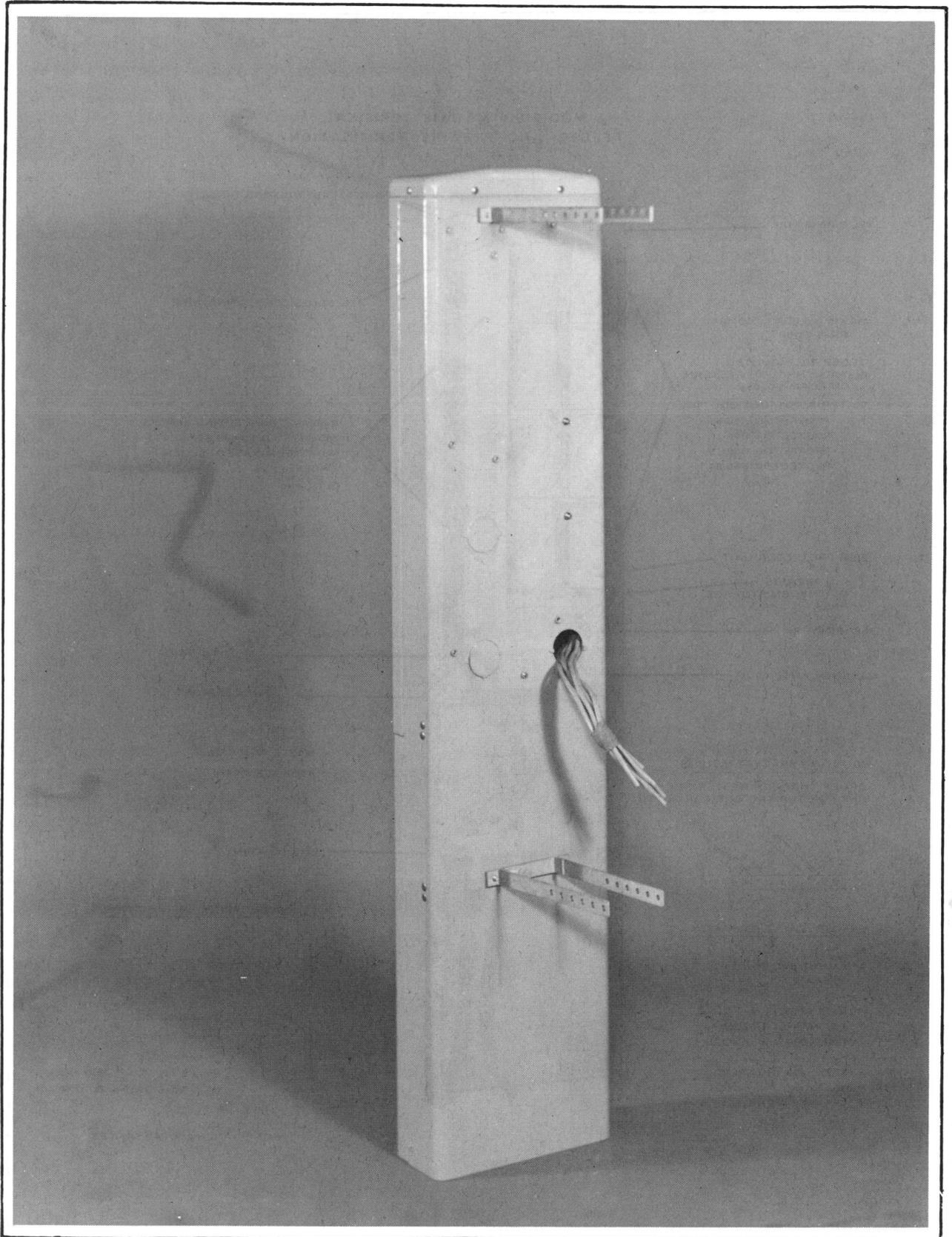


EXHIBIT 4

**MODIFIED MC10/48 TERMINAL
FEEDER AND PREWIRE TERMINATION**

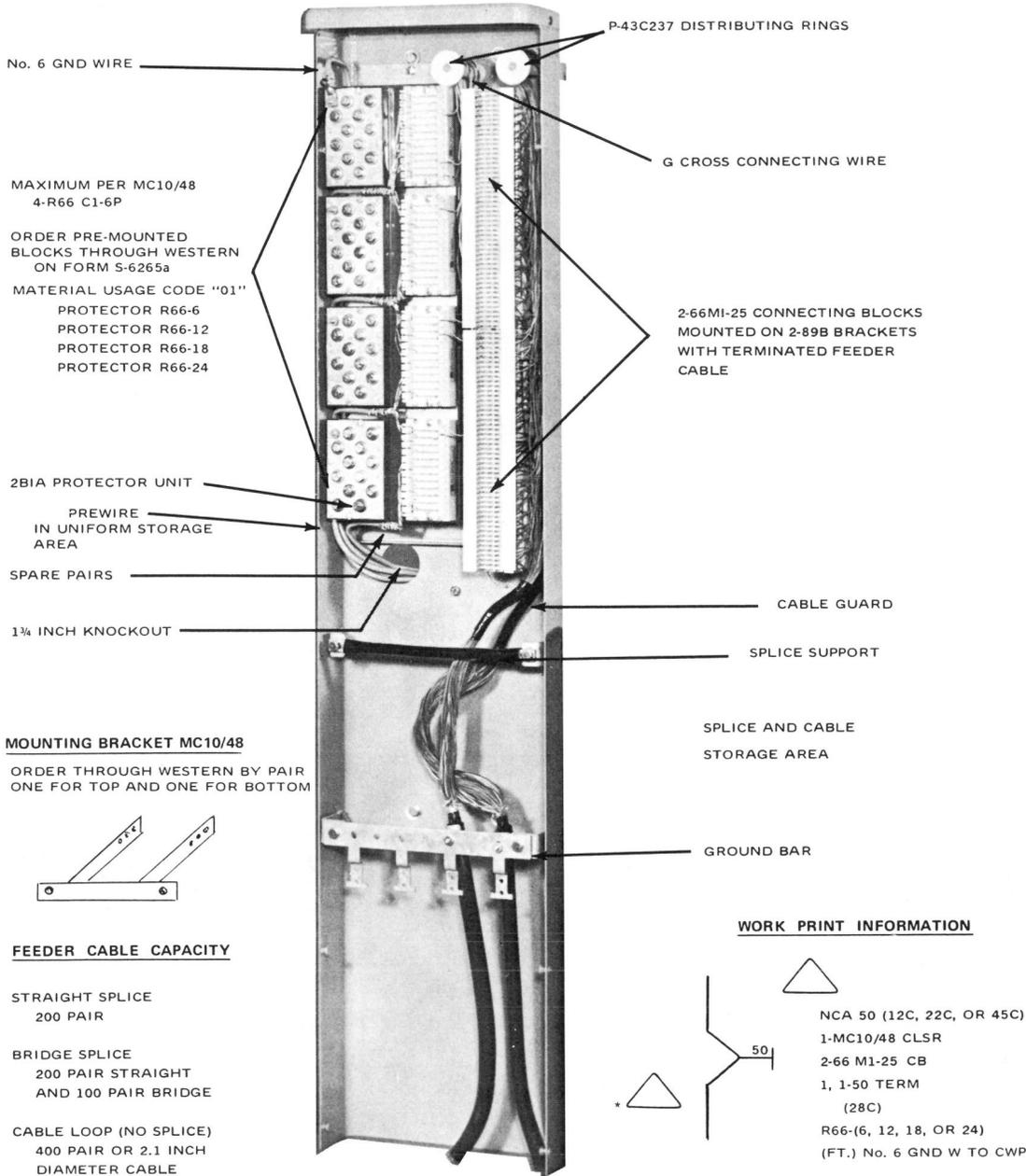


EXHIBIT 5

