



Division 262727

Supporting Devices

DESIGN GUIDE

1 General

1.1 Introduction

- A. This section applies to the following:
 - 1. Anchors and fasteners
 - 2. Supports

2 Materials

2.1 Anchors and Fasteners

- A. Materials and Finishes: Corrosion resistant.
- B. Select materials, sizes, and types of anchors, fasteners and supports to carry the loads of equipment and conduit, including weight of wire in conduit.

2.2 Supports

- A. Supports shall be formed steel channel with galvanized or zinc plated.



3 Execution

3.1 Installation

- A. Locate and install anchors, fasteners, and supports in accordance with NECA “Standard of Installation”.
 - 1. Do not fasten supports to pipes, ducts, mechanical equipment, or conduit.
 - 2. Do not drill or cut structural members.
 - 3. Obtain permission from Architect/Engineer before drilling or cutting structural members.
- B. Fabricate supports from structural steel or formed steel members. Use spring lock washers under all nuts.
- C. Secure floor mounted equipment to floor in accordance with the manufacturer’s recommendations.
- D. Install surface-mounted cabinets and panelboards with minimum of four (4) anchors.
- E. Cabinets and panelboards shall not be secured to hollow masonry, plaster, or gypsum board partitions - provide additional blocking as required between studs to securely anchor the cabinet or panelboard.
- F. Where one hole straps are used for horizontal conduit runs, locate the screw on the bottom side of the conduit.

4 Appendix

4.1 Reserved for future.