



FIGURE 1

1. Scope

This material standard covers the requirements for manufacturing and supplying a reinforced concrete pad having the dimensions and features indicated in Figure 1, above.

2. Application

The primary application for the concrete pad described herein will be to raise by 6-inches a single-phase J-box sectionalizing cabinet installed on an open bottom concrete vault, which features a 42-inch square top surface (reference District

Cat. ID 766214).

3. Material ID Number

This material standard applies to District Material ID Number 1002167.

4. Reference Standards

Reference is made in this material standard to the following standards, the latest editions, amendments, and supplements of which shall apply, unless otherwise stated in this or associated District purchasing documents:

ASTM A615	<i>Specification for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement</i>
ASTM C33	<i>Specification for Concrete Aggregates</i>
ASTM C150	<i>Specification for Portland Cement</i>

5. Materials

The pad shall be manufactured of concrete meeting a minimum compressive strength of 4000 psi after 28 days. The concrete shall meet the requirements of ASTM C150 and C33. Reinforcing bars shall be size No. 3 meeting the requirements of ASTM A615.

6. Lifting Inserts

Lifting inserts shall be 3/4-inch diameter threaded type manufactured of corrosion resistant stainless steel. Lifting inserts shall be protected with removable plastic caps.

7. Identification Plate

A 1-inch wide x 3-inch long x 3/16-inch thick (min.) bronze or brass blank identification plate (vault tag) shall be embedded flush with the surface of the pad as shown in Figure 1 of this document. The top surface of the plate shall not be covered over with concrete.

8. Concrete Finish

The top surface of the concrete pad shall have a brush finish. All top edges shall be tooled.

9. Packaging & Shipping

Each pad shall be shipped in a manner suitable for handling with a forklift.