



FIGURE 1

1. Scope

This specification covers the requirements for manufacturing and supplying a reinforced concrete cover having the dimensions and features indicated above in Figure 1.

2. Application

The concrete cover specified in this standard will be used to temporarily cover the 4'-6" x 5'-2" top cable opening in pad-mounted switch cabinet vault covers, reference Compatible Unit V0502. This cover will not be subject to vehicular traffic.

3. Reference Standards

Reference is made in this specification to the following standards, the latest editions, amendments, and supplements of which shall apply, unless otherwise stated in this specification or in associated 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>

4. Material ID Number

This specification applies to District Material ID Number 790023.

5. Materials

The cover 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" diameter threaded type manufactured of corrosion resistant stainless steel. Lifting inserts shall be protected with removable plastic caps.

7. Concrete Finish

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

8. Packaging

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