

**Modify Section 26 05 43 per the following instructions:**

1. Deletions are shown ~~struck through~~.
2. Additions are double underlined
3. The remainder of section is unchanged.

**Section affected:**

**26 05 43 Underground Ducts and Raceways for Electrical Systems**

**.01 Underground Ducts**

- A. Underground primary cables shall be installed in 5-inch PVC conduit encased in concrete. Conduit may be NEMA TC-6 Type EB or Schedule 40. Elbows shall be Schedule 40.
- B. Underground service entrance secondary cables shall be installed in minimum 4-inch PVC conduit encased in concrete. Conduit may be NEMA TC-6 Type EB or Schedule 40. Elbows shall be Schedule 40.
- C. Steel reinforcing is required under traffic areas.
- D. All concrete-encased duct banks shall be installed such that a minimum 3"-thick base is poured and cured prior to setting base spacers.
- E. Add the following requirements to any ductbank detail.
  1. "Avoid over-excavation of the ductbank trench. Ductbank walls shall be formed within 5 feet of a manhole, within a "common" utilities trench, and if the width of the pour will extend beyond the dimension shown on the detail."
  2. "Inspection and sign-off by University representative is required after the ductbank base is poured and the conduits are installed, but prior to final concrete encasement."
- F. Contact Engineering Services for typical CADD details.

**END of revision**

**Update Commentary:**

Section was updated primarily for the following reasons:

- 1) There was a formatting error, a new paragraph D was created to separate information regarding steel reinforcing and the installation of a concrete base for the ductbank. The concrete base is always required while the reinforcing is only necessary for vehicle traffic areas.