

PART 1 GENERAL**1.1 RELATED DOCUMENTS**

- A. The requirements of the General Conditions, Supplementary Conditions and the following specification sections apply to all Work herein:
1. Section 26 00 10 - General Requirements
 2. Section 26 00 20 - Scope of Work
 3. Section 26 05 33 - Raceways and Boxes
 4. Section 26 05 26 - Grounding and Bonding
 5. Section 26 08 13 - Testing

1.2 SUMMARY

- A. Furnish and install an empty raceway system for telecommunication service as shown on the Drawings to be utilized for installation of service and distribution cables.

1.3 REFERENCE STANDARDS

- A. The complete telecommunication cable raceway system installation shall comply with the latest applicable UL, NEMA and ANSI Standards as well as NFPA 70 - National Electrical Code (NEC) and the current EIA/TIA Standards.
- B. All equipment and material to be furnished and installed on this Project shall be UL or ETL listed, in accordance with the requirements of the authorities having jurisdiction, and suitable for its intended use on this Project.

1.4 WARRANTY

- A. Comply with the requirements of the General Conditions and Section 26 00 10.

PART 2 PRODUCTS**2.1 RACEWAY SYSTEMS**

- A. Refer to Section 26 05 33 titled "Raceways and Boxes" for requirements for all raceway systems and Section 26 05 22 titled "Raceways and Boxes" for all outlets and junction boxes.

PART 3 EXECUTION**3.1 INSTALLATION**

- A. Service Raceways:
1. Furnish and install the telecommunication system underground service conduit from the building property line into the building to the main telecommunication terminal room(s) as indicated on the Drawings. The Electrical Subcontractor shall coordinate the installation, raceway location, termination, and interface requirements with the service provider identified by the Owner prior to installation. See Section 26 00 10 for sleeve and firestop requirements. Refer to the Architectural Specifications for excavation, backfill and compaction requirements.
- B. Distribution Raceway:
1. Empty conduits and pull boxes and/or cable tray shall be installed from the main telecommunication terminal room(s) to each equipment room or closet as indicated on the Drawings.
 2. Sleeves shall be furnished between floors in various chases, closets, etc. as indicated on the Drawings and/or as required. Fill all space inside sleeves with UL listed firestop material equal to the rating of the floor. See Section 26 00 10 for sleeve and fire safing requirements.

- C. Grounding System:
 - 1. Furnish and install a telecommunication ground system as detailed on the Drawings. Refer to Section 26 05 26 titled "Grounding and Bonding" for additional requirements.

3.2 FIELD TESTING

- A. Refer to Section 26 08 13 for additional testing requirements for telecommunication raceway systems.

END OF SECTION