SECTION 26 11 21 - SERVICE ENTRANCES

PART I - GENERAL

1.1

PART 2 - PRODUCTS

2.1 SERVICE ENTRANCE PULLBOX

A. The primary service shall enter the building through a multi-cell concrete duct envelope in the basement wall and not directly into the unit sub-station. Provide a No. 12 gauge sheet steel pullbox over the ducts. Box size shall be determined by the number of ducts to be covered as well as the sizes of cables entering or leaving the box. Provide a steel barrier to separate the ducts for use of low voltage fire alarm and signal cables. The box shall have screw-on cover and shall be painted with two coats of gray enamel paint with “high voltage” stenciled on cover. The depth of box shall be a minimum of 9 times the diameter of the primary cable.

B. Provide conduit bushings and grounding lugs.

C. All cables shall be labeled and identified.

D. Outdoor conduits entering the box shall have an upward slope. The exterior of the raceway shall be sealed at the foundation wall and the interior of the raceway shall also be sealed, with or without wiring installed. This is to prevent water from entering the building through the pull box.

PART 3 - EXECUTION

3.1

END OF SECTION 26 11 21

This section of the U of I Facilities Standards establishes minimum requirements only. It should not be used as a complete specification.