

**CAST ALUMINUM LAMP POST**  
**DECORATIVE BASE (13'MH)**

I. Quantity

The base bid shall include the indicated number of Cast Aluminum Lamp Post as hereinafter specified at the locations shown on the drawings and as located in the field by the engineer.

II. Material

a. Lamp Post

The Cast Aluminum Lamp Post shall be one piece construction. The base shall be heavy wall, copper free, cast aluminum per ASTM 356.1 Ingot per ASTM B0179-95a or ASTM B26-95. The shaft shall be extruded from aluminum, ASTM 6063 alloy, spun to a tapered shape, then heat treated to a T6 temper. The lamp post shall be designed for wind loading of at least 80 mph 1.3 gust per AASHTO 1994 when used with the specified luminaire. A minimum 4"x 6" access door shall be provided in the base of the lamp post, and secured with (1) ¼ -20 brass hex head bolt and nylon washer. The post shall fit an 8-1/2" bolt circle. A 3" tenon shall be cast on the top of the post.

The pole assembly shall be supplied complete with hot-dipped galvanized (4) - ¾" x 17" x 3" x 3-1/2" hook bolts, nuts, washers, shims and all necessary hardware to complete the installation.

The pole assembly shall be primed with a shop coat of epoxy paint.

The Cast Aluminum pole assembly shall be equal in quality, design, and performance to HAPCO Dwg # 31844 or an approved equal.

b. Finish Paint

The finish paint shall be textured black powder coat paint per Hapco # 73737-T01 or approved equal.

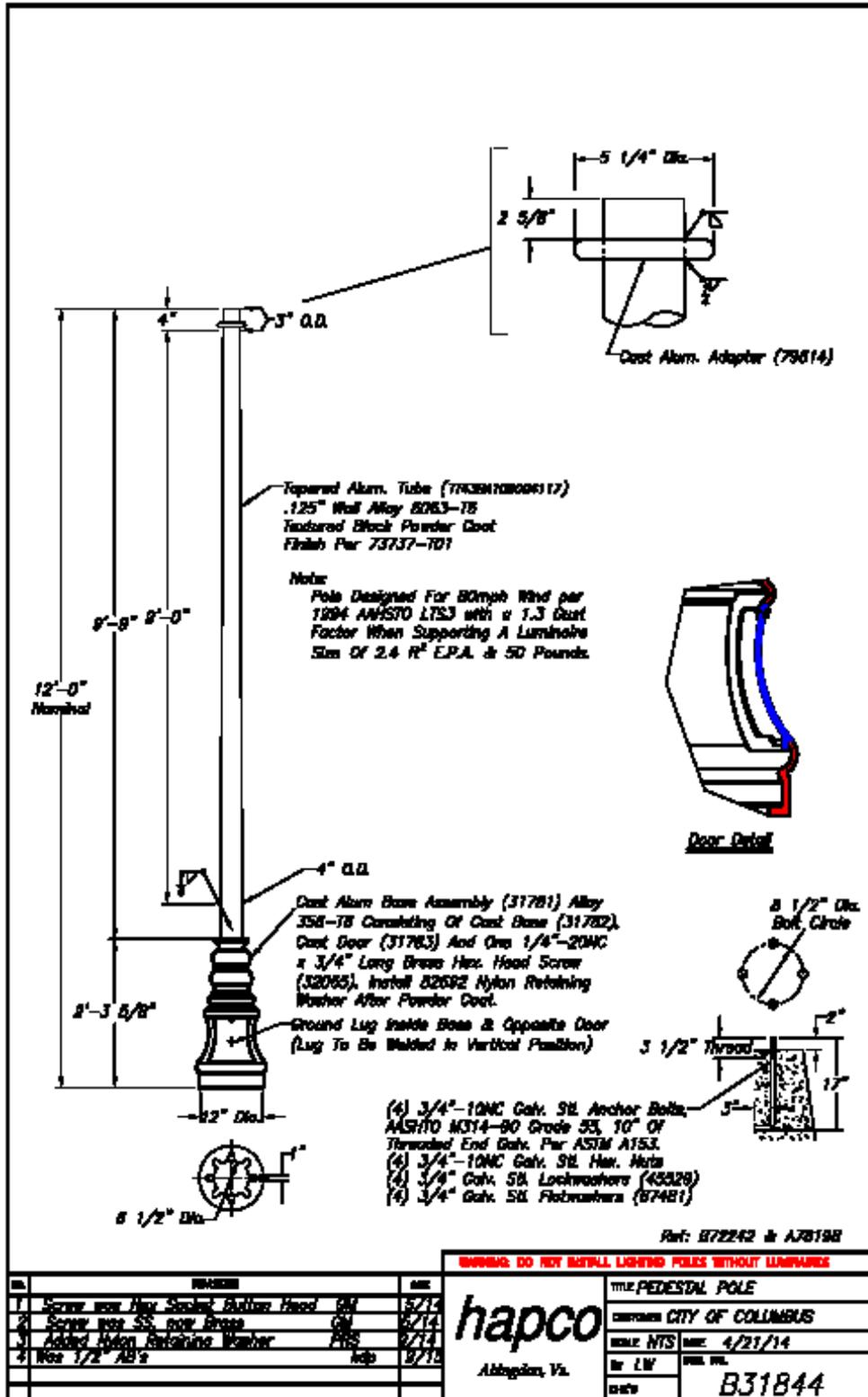
III. Installation

The pole assembly shall be placed on the concrete foundation with sufficient care to preserve the exterior of the pole and the surface of the foundation. The pole shall be plumbed and tightened as shown on the drawings and as indicated in the field by the engineer. The hand hole opening shall be oriented parallel to the Sidewalk; opposite the roadway. In case of field damage to the pole finish, (2) two coats of finish paint shall then be applied.

The luminaires shall be installed on the poles as shown on the drawings and as indicated by the field engineer. Orientation and leveling of the units shall be so as to provide for uniform vertical appearance, maximum lighting efficiently and ease of maintenance, as directed by the engineer.

IV. Quotation

The complete Cast Aluminum pole assembly shall be quoted as a unit price each in the appropriate place of this document.



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