

DIVISION 26 - ELECTRICAL

SECTION 26 56 13 – LIGHTING POLES AND STANDARDS

PART 1: GENERAL

1.01 Scope of Standards

- A. This standard provides general guidance concerning the specific preferences of Texas State University for Lighting Poles and Standards.
- B. Texas State University recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for Texas State University projects.

1.02 General Requirements

- A. Parking Lot light pole concrete base shall be 30" above finished grade.
- B. Pedestrian Walk Light Pole concrete base, located in landscaping, shall be 6" above finish grade or finished paving.
- C. Pedestrian Walk Light Pole concrete base, located on sidewalk, shall be flush with sidewalks.
- D. The depth of the concrete pole base shall be determined by a structural engineer based on soil conditions on the site. Pole base details shall be submitted for review by the University during the DESIGN DEVELOPMENT phase of the project.
- E. The pole base diameter shall be 18 inches, unless otherwise approved by the University.
- F. All poles shall be provided with bolt covers securely attached to pole bases.
- G. Location of pole fixtures shall allow vehicular access to accommodate service requirements. Poles shall not be located in walking paths or any conflicts with vehicular circulation.
- H. Pole fixtures at or above 12 foot high shall be provided with service access drive capable of supporting a lift truck. On 12' or higher poles: If fixture is not accessible by lift truck, a "break-over" type pole base shall be installed to allow pole to be laid down for maintenance.
- I. Care should be taken by the design professional to avoid small "slivers" of landscape materials between pole bases and sidewalks.
 - 1. No pole-mounted fixtures shall be positioned, specified or designed in such a manner to create abnormally difficult access to the fixture and poles.

- J. Provide pole mounting height and pole base installation detail. Poles, fixtures and color shall follow campus standard manufacture with wire accessibility near the base.

PART 2: PRODUCTS

- A. Parking Light Poles: The standards pole for the Texas State University-San Marcos campus is: GARDCO, Galvanized Steel, 5" diameter, straight round pole SRS-25-5.0 (24'-10" high), primed painted for galvanizing, black thermally cured TGIC polyester powder coat finish.
- B. Walkway Poles: The standard pole for the Texas State University-San Marcos campus is: Architectural Area Lighting, Aluminum, straight, 4" round pole maximum height of 12', including the base; DB8, black thermally cured TGIC polyester powder coat.
- C. All fixtures shall have electronic ballasts.

PART 3: EXECUTION (NOT USED)

END OF SECTION 26 56 13