



# City of Thousand Oaks

COMMUNITY DEVELOPMENT DEPARTMENT

BUILDING DIVISION

(805) 449-2500

PLANNING DIVISION

(805) 449-2323

HOUSING/REDEVELOPMENT DIV.

(805) 449-2393

## MUNICIPAL LIGHTING STANDARDS

The following adopted standards shall apply to lighting, address identification, and parking areas per City of Thousand Oaks Municipal Code Sections 8-1.18 & 9-4.2405.

1. The address number of every commercial building shall be illuminated during hours of darkness with an uninterruptible A.C. power source or controlled by a photoelectric device. In addition, any business that affords foot or vehicular access to the rear through any driveway, walkway, or parking lot shall display the same numbers on the rear of the building. Where structures are set back more than 150 feet from the centerline of the street, large numbers will be required so that they are distinguishable from the street.
2. The lighting system of every commercial building shall be installed so that all exterior commercial doors are capable of being illuminated during the hours of darkness with a minimum of one (1) foot candle of light, measured within a five foot (5') radius of each side of the door at ground level. All exterior bulbs shall be protected by weather and breakage-resistant covers.
3. All open parking facilities shall be illuminated with a minimum maintained one-half (0.5) foot-candle of light at ground level during the hours of darkness, maximum to minimum lighting in parking areas shall be 15:1 in conformance with the enhanced security recommendations in IESNA RP-20-98 Lighting for Parking Facilities. A site plan shall be provided showing building, parking area, walkways, detailed landscaping and a point-by-point photometric calculation of the required light levels.
  - a. Alternate Design. Alternate designs for parking lot lighting showing modifications to the minimum security lighting illuminance, which provide illuminance above such minimum security lighting to those portions of the commercial activity site deemed to be critical by the City Police Department and/or which show reduced lighting levels after the commercial activity's closing hours may be approved by the enforcing authority when sufficient information substantiating the security lighting intensity alternate design has been submitted.

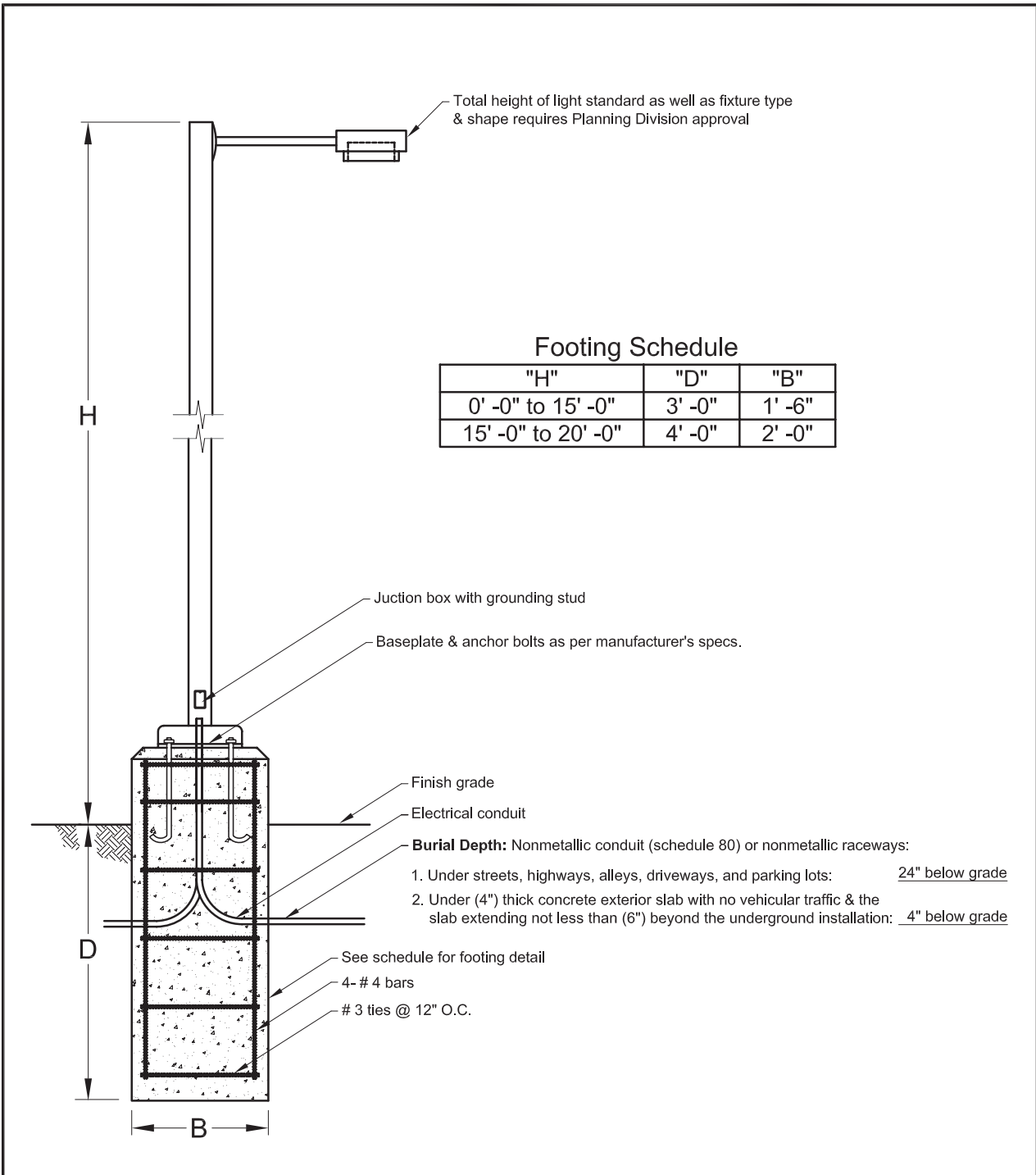
- b. Lighting Plans and Certification. Plans indicating compliance with the provisions of this subsection will be required to be prepared and submitted by an illuminating engineer or other person acceptable to the enforcing authority. Such illuminating engineer shall submit a written report certifying the minimum required lighting intensity has been provided after installation of the lighting system and prior to the issuance of the Certificate of Occupancy.
4. For non-residential parking structures, all parking, driving, and walking surfaces, except stairways, shall be illuminated at all times with a minimum maintained 1.25 foot-candles of light. (Parking facilities which have physically precluded pedestrian and vehicle access during non-business hours may provide a minimum maintained 0.25 foot-candles of light on parking, walking and driving surfaces.) Stairways shall be illuminated at all times with a minimum maintained two (2) foot-candles of light on all landings and stair treads.
5. Parking lot lights shall be designed and arranged in such a manner so that light is reflected away from adjoining residential properties and streets.
6. All light poles, standards and fixtures shall be of a low-profile decorative variety and shall be compatible with the architectural theme of the building and/or facility they are intended to service.
7. All light poles, standards and fixtures shall not exceed a height of twenty (20') feet above grade level. Light poles, standards and fixtures determined by the Community Development Director to be illuminating parking areas which abut residential properties and streets shall observe a maximum height of fourteen (14') feet above grade level.
8. All light sources used to illuminate parking areas shall achieve a color rendition which is compatible and in harmony with the existing development pattern of the surroundings area.
9. A separate Building Permit and Electrical Permit is required for parking lot lighting standards.

## **AREA/PARKING LOT LIGHTING PLAN CHECK SUBMITTAL**

Submit two (2) complete sets of plans and specifications calculations that include the following information:

1. One site plan with ISO-footcandle lines or computer-drawn printout superimposed on plans.
2. One copy of the landscape site plan (planting plan).
3. Manufacturer specifications for the light fixtures and photometrics data.
4. Calculations for the uniformity ratio (maximum/minimum) and voltage drop.
5. Light standard footing detail shown on plans.

Final copies of plans **MUST** be xerographically reproduced (black lines).



 <p><b>CITY OF THOUSAND OAKS</b> COMMUNITY DEVELOPMENT DEPARTMENT BUILDING DIVISION</p> <p>Prepared by: Rigoberto Barrera Approved by: Dave Hueners P.E. Building Official <i>David M. Hueners</i></p>	<p>MUNICIPAL LIGHTING STANDARDS</p>	
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