PROFILE

11/25/2019

2019

LAMP SIZE SHALL BE 8,000 LUMEN (OR 70 WATT) LAMP TYPE SHALL BE HIGH PRESSURE SODIUM (HPS) LUMINAIRE SHALL BE FULL CUT-OFF

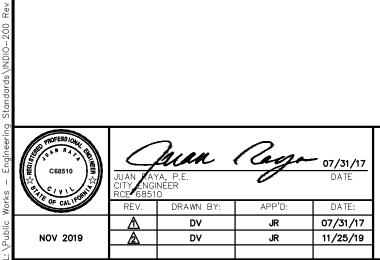
LAMPS SHALL BE DESIGNED FOR 120 VOLT SYSTEMS, AND ALL LUMINARIES SHALL BE WIRED FOR 120 VOLTS.

IF LED, USE LEOTEK GREENCOBRA JR GCJ1-20H-MV-WW-2R-GY-450-PCR7 (3470 LUMENS, 29 WATT) OR APPROVED EQUAL.

NOTES:

- 1. ELECTRICAL DISTRICT REQUIREMENTS: THE CITY OF INDIO IS WITHIN THE IMPERIAL IRRIGATION DISTRICT'S (IID) ELECTRICAL SERVICE AREA. CONTACT IID FOR THE SERVICE CONNECTION AND ANY ADDITIONAL DETAILS.
- 2. POLE SPECIFICATIONS: THE STREET LIGHT POLE, ARM, AND RELATED HARDWARE SHALL BE AMERON N308, OR APPROVED EQUAL, FOR THE STREET LIGHTS IN RESIDENTIAL AREAS.
- 3. DESIGN PARAMETERS FOR POLE, LAMP, AND **RELATED HARDWARE:**
 - 100 MPH WIND FACTOR
 - 1.3 GUST FACTOR

 - LUMINAIRE EPA OF 2.0 SQ. FT. LUMINAIRE TO BE FULL CUT-OFF
 - ANCHOR BOLTS SHALL COME WITH TWO NUTS AND TWO WASHERS AND SHALL MEET ASTM F1554 GRADE 55 SPECIFICATION.
 - POLE AND ARM SHALL BE TAPERED AND SHALL BE GALVANIZED IN CONFORMANCE WITH ASTM A123
 - HANDHOLE WITH LOCKING REMOVABLE COVER $(4.0" \times 6.5" \text{ MIN})$, BASE COVER, AND REMOVABLE POLÉ CAP REQUIRED WITH THE
- 4. WIRE AND CONDUIT REQUIREMENTS:
 - A. FROM TRANSFORMER TO POLE BASE
 - i. GRAY PVC SCH 40, 1-1/2" DIAMETER CONDUIT REQUIRED
 - ii. TWO #6 THHN SOLID CONDUCTORS (ONE BLACK AND ONE WHITE) REQUIRED IN CONDUIT FROM TRANSFORMER TO POLE BASE
 - B. POLE BASE TO TOP OF POLE
 - i. NO CONDUIT REQUIRED
 - ii. TWO #8 THHN SOLID CONDUCTORS (ONE BLACK AND ONE WHITE) REQUIRED FROM POLE BASE TO TOP OF POLE





STREET LIGHT RESIDENTIAL AREA

STANDARD PLAN No.:

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