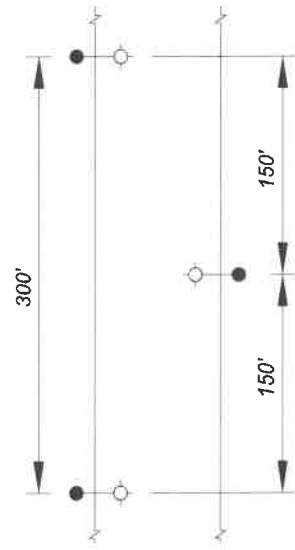


LED (LIGHT EMITTING DIODE) SHALL BE GENERAL ELECTRIC 120/240 V, EVOLVE LED MEDIUM COBRA HEAD WITH AN EVOLVE LIGHT ENGINE CONSISTING OF A NESTED CONCENTRIC AND DIRECTIONAL REFLECTORS, AN IP 65 RATED OPTICAL ENCLOSURE, AND AN INJECTION MOLDED HID ACRYLIC LENS.  
 COLOR TEMPERATURE: 2700 K  
 LUMENS: 3,800  
 WATTS: 31 W  
**ERL1 0 04 B3 27 A GRAY**

**POLE NOTES**

- 1.) THE POLE TYPE SHALL BE MARBELITE, AMERON SERIES 1C1 OR APPROVED EQUIVALENT.
- 2.) IT SHALL BE OCTAGONAL IN SHAPE, SYMMETRICALLY TAPERED, MADE OF PRECAST/PRESTRESSED CONCRETE, AND NATURAL GRAY IN COLOR WITH BLACK AND WHITE AGGREGATE WITH ANTI-GRAFFITI SURFACE.
- 3.) IT SHALL BE BASE MOUNTED, DIRECT BURIAL IS NOT ALLOWED.
- 4.) SHALL BE PLUMB, MAXIMUM VARIANCE 0.08"/FT.
- 5.) LOCATION (TO POLE CENTER) SHALL BE 2'-0" FROM FACE OF CURB, 5' FROM BCR/ECR, 9' FROM FIRE HYDRANT CENTER, 5' FROM DRIVEWAY EDGE, 5' FROM UTILITY TRANSFORMER AND OTHER OBSTRUCTIONS.
- 6.) BOLT CIRCLE DIAMETER, 12" AMERON.
- 7.) MATERIALS SHALL BE FROM SAME MANUFACTURER ALONG SAME STREET AND IN THE SAME TRACT.
- 8.) CONDUCTORS SHALL BE TWO No 8 THW WIRES WITHIN THE POLE BETWEEN THE SPLICE POINT AND THE FIXTURE.






RESIDENTIAL - 3,800 LUMENS

CONDUIT BETWEEN SPLICE BOXES AND PULL BOX SEE STDS MVEU-703 AND MVEU-720

**NOTES:**

- 1.) THE POLE TYPE SHALL BE MARBELITE - AMERON SERIES 1C1 (AMERON DWG No 1807-035) OR APPROVED EQUIVALENT. UTILITY IF THEY ARE IN ACCORDANCE WITH THE NATIONAL STREET LIGHTING GUIDE.
- 2.) LIGHTING SHALL BE PLACED 150' MAX (±20') OR AS APPROVED BY THE CITY ENGINEER) APART ON ALTERNATING SIDES OF THE STREET AND AS NOTED HERE:
  - A) AT THE MIDDLE OF A CUL-DE-SAC.
  - B) AT THE FAR SIDE OF A T-INTERSECTION.
  - C) AT THE END OF A CURB RETURN.
  - D) AT LOCATIONS DETERMINED BY THE CITY TO INCREASE ILLUMINATION.
- 3.) ALL CONCRETE SHALL BE 560-C-3250.
- 4.) THIS STANDARD SHALL APPLY TO STREET CLASSIFICATIONS OF COLLECTOR AND BELOW.
- 5.) FOR IN-FILL CONDITIONS, LIGHTS MAY BE LOCATED TO MATCH EXISTING CONDITIONS.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	8/12/20 DATE	<b>CITY OF MORENO VALLEY</b> PUBLIC WORKS DEPARTMENT - TRANSPORTATION ENGINEERING DIVISION	STANDARD PLAN <b>MVLT-400A-2</b>
	<b>RESIDENTIAL &amp; COLLECTOR LIGHTING</b>		SHEET 1 OF 3	