APPLICATION
PEDESTRIAN TRAILS AND RESIDENTIAL STREETS

SPECIFICATIONS
POST DESCRIPTION
THE LIGHTING POST SHALL BE ALL ALUMINUM, ONE-PIECE CONSTRUCTION, WITH A CLASSIC FLUTED BASE DESIGN. THE SHAFT SHALL BE Ø4" SMOOTH. THE POST SHALL BE SHIPPED WITH A STANDARD HALOPHANE BLACK POWDER COAT FINISH.

MATERIALS
THE BASE SHALL BE HEAVY WALL, CAST ALUMINUM PRODUCED FROM CERTIFIED ASTM 356.1 INGOT PER ASTM B-179-95A OR ASTM B26-95. THE STRAIGHT SHAFTS SHALL BE EXTRUDED FROM ALUMINUM, ASTM 6061 ALLOY, HEAT TREATED TO A T6 TEMPER. ALL HARDWARE SHALL BE TAMPER RESISTANT STAINLESS STEEL. ANCHOR BOLTS TO BE COMPLETELY HOT DIP GALVANIZED.

CONSTRUCTION

DIMENSIONS
THE POST SHALL BE 14" IN HEIGHT WITH AN 11-1/2" DIAMETER BASE. THE SHAFT DIAMETER SHALL BE 4". AT THE TOP OF THE POST, AN INTEGRAL 3" O.D. TENON WITH A TRANSITIONAL DONUT SHALL BE PROVIDED FOR LUMINAIRE MOUNTING.

INSTALLATION
THE POST SHALL BE PROVIDED WITH FOUR, HOT DIP GALVANIZED L-TYPE ANCHOR BOLTS TO BE INSTALLED ON AN 7" DIAMETER BOLT CIRCLE. A DOOR SHALL BE PROVIDED IN THE BASE FOR ANCHORAGE AND WIRING ACCESS. A GROUNDING SCREW (5/8") SHALL BE PROVIDED INSIDE THE BASE OPPOSITE THE DOOR.

NOTE
NO SUBSTITUTES WILL BE CONSIDERED. CONTRACTOR SHALL PURCHASE EXACTLY AS SPECIFIED AND INSTALL.

SEE DRAWING NUMBER SL-3 FOR FOUNDATION DETAIL.

WAYNE K. MASON
CITY ENGINEER

DATE: 09/04/2007  NOT TO SCALE  CITY OF ELK GROVE - PUBLIC WORKS

CITY ENGINEER

APPROVED BY:

DRAWING NUMBER
SL - 34