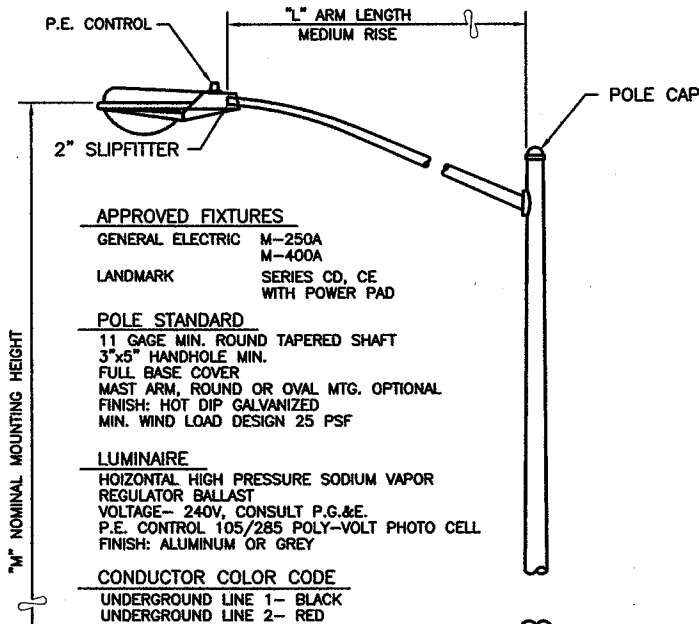


NOTES:

1. COLLECTOR & ARTERIAL STREETS REQUIRE 2 STREET LIGHTS AT ALL INTERSECTIONS.
2. LOCAL STREET INTERSECTIONS AND ALLEY INTERSECTIONS REQUIRE 1 STREET LIGHT.
3. POLE SHALL BE AT LEAST 5 FEET AWAY FROM EDGE OF DRIVEWAY.
4. INSTALL A (SIMULTANEOUS DISCONNECT) TWO POLE BUSSMAN HLR 15 AMP 300V FUSEHOLDER.
5. USE 5 OR 10 AMP FUSES.
6. REFER TO SHEET T-1 FOR TRENCH BACK-FILL & COMPACTION REQUIREMENTS.



APPROVED FIXTURES

GENERAL ELECTRIC M-250A
M-400A
LANDMARK SERIES CD, CE
WITH POWER PAD

POLE STANDARD

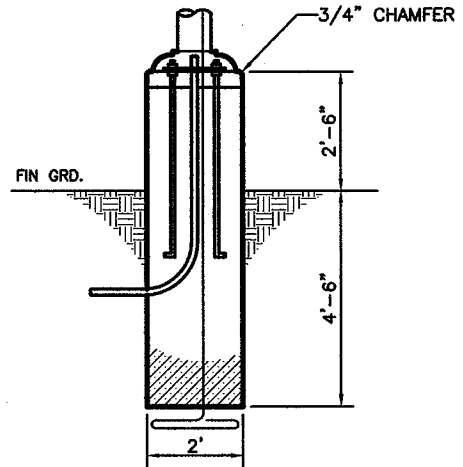
11 GAGE MIN. ROUND TAPERED SHAFT
3"x5" HANDHOLE MIN.
FULL BASE COVER
MAST ARM, ROUND OR OVAL MTG. OPTIONAL
FINISH: HOT DIP GALVANIZED
MIN. WIND LOAD DESIGN 25 PSF

LUMINAIRE

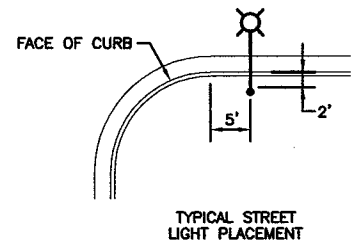
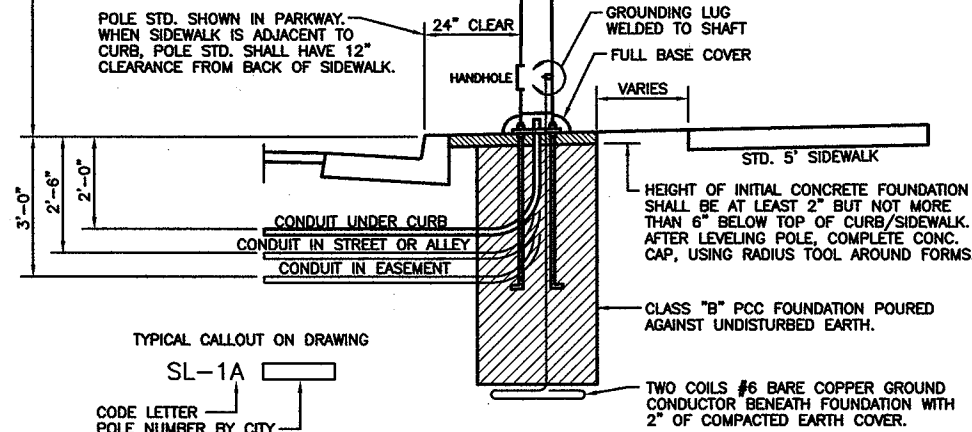
HORIZONTAL HIGH PRESSURE SODIUM VAPOR
REGULATOR BALLAST
VOLTAGE- 240V, CONSULT P.G.&E.
P.E. CONTROL 105/285 POLY-VOLT PHOTO CELL
FINISH: ALUMINUM OR GREY

CONDUCTOR COLOR CODE

UNDERGROUND LINE 1- BLACK
UNDERGROUND LINE 2- RED



MODIFIED FOUNDATION-PARKING LOTS



STREET CLASSIFICATION	MAXIMUM SPACING	CODE LETTER	LUMINAIRE	ARM LENGTH	MOUNTING HEIGHT	FOUNDATION SIZE
LOCAL CUL-DE SAC (52' R/W) (.2 FC)	195'	B	70 watt H.P.S. Type II-L-S distribution 5800 L	8'	26'	2' ϕ or $\square$ 4' deep
LOCAL STREET (64' R/W) (.3 FC)	205'	A	100 watt H.P.S. Type II-L-S distribution 9500 L	6'	26'	2' ϕ or $\square$ 4' deep
COLLECTOR (70' R/W) (.5 FC)	185'	D	150 watt H.P.S. Type III-M-S distribution 16000 L	6'	28'	2' ϕ or $\square$ 4'-6" deep
ARTERIAL (94' R/W)	155'	F	200 watt H.P.S. Type III-M-S distribution 22000 L	8'	32'	2'-6" ϕ or $\square$ 5' deep
DIVIDED ARTERIAL (118' R/W) (.8 FC)	195'	F	200 watt H.P.S. Type III-M-S distribution 22000 L	8' (ea. side)	32'	2'-6" ϕ or $\square$ 5' deep

* INCREASE TO 8' IF STREET LIGHT IS LOCATED BEHIND SIDEWALK.

ENGINEERING DEPARTMENT

CITY OF MERCED, CA.

STREET LIGHTING STANDARD

DRAWN: YLC

APPROVED BY:

DATE

DATE: 05/14

David L. Tucker
CITY ENGINEER

4/4/06

REVISED:

SL-1

SHEET

OF