

1-BOLT SIMPLEX ATTACHMENT



LUMINAIRE

UTILIZE HIGH PRESSURE SODIUM LAMPS. BALLAST AND LAMPS TO BE RATED 55 VOLTS. WATTAGE TO BE 100W, 150W, OR 250W PER SPECIFICATIONS ON PLAN. REFRACTOR TO BE IMPACT-RESISTANT, NON-BREAKABLE, TYPE III MCO DISTRIBUTION. LUMINAIRE SHALL HAVE A TWIST-LOCK RECEPTACLE FOR INSERTION OF PHOTOCELL. PHOTOCELL TO BE FISHER PIERCE 6690-B OR EQUIVALENT. LUMINAIRE SHALL BE WEST OV-15 TU-DOR OR EQUIVALENT. IF WATTAGE IS NOT SPECIFIED ON PLANS, CONFER WITH C.O.B. ELECTRIC UTILITY BEFORE ORDERING.

CONDUCTOR

INSTALL MINIMUM #12, THW, (MINIMUM $\frac{4}{64}$ " INSULATION) FROM LUMINAIRE TO BASE OF STREET LIGHT STANDARD. INSTALL IN-LINE FUSE KIT AT END OF HOT LINE(S), THEN CONNECT AND INSTALL CONDUCTORS TO CONTINUE STREETLIGHT WIRE RUN INTO ADJACENT CONCRETE HANDHOLE WITH A MINIMUM 24" OF EXTRA WIRE COILED AT BOTTOM OF HANDHOLE. CONDUCTOR COLORS SHALL BE BLACK (HOT), WHITE (HOT OR NEUTRAL), AND GREEN (GROUND).

FUSE

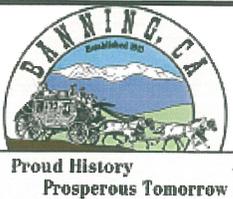
600V 10A MECHANICAL FUSED IN-LINE DISCONNECT KITS MUST BE: WATERPROOF, SUBMERSIBLE, BREAKAWAY DESIGN, AND ACCEPT #8 TO #12 INSULATED WIRE. USE DOUBLE-POLE IN-LINE FUSE HOLDER FOR DUAL-HEAD STREETLIGHT INSTALLATIONS.

STANDARD

PROVIDE GALVANIZED STEEL STREETLIGHT STANDARD WITH GALVANIZED STEEL ANCHOR BOLTS AND ALUMINUM BASE COVERS. ALUMINUM STREET LIGHT STANDARDS ARE NOT ACCEPTABLE.

CONCRETE HANDHOLE

CONCRETE HANDHOLE SHOULD BE INSTALLED ADJACENT TO STREETLIGHT STANDARD. PLEASE CONTACT C.O.B. ELECTRIC INSPECTOR IF HANDHOLE'S PARKWAY OR SIDEWALK LOCATION IS NOT CLEARLY MARKED ON PLANS. SEE C.O.B. STANDARD DRAWING #600-40 FOR HANDHOLE SPECIFICATIONS.



REVISED: 04/20/2011

APPROVED: *[Signature]* 11-7-11

STANDARD DRAWINGS

**GALVANIZED STEEL
STREETLIGHT STANDARD**

SD

600-30