



#3 1/2 PRECAST CONCRETE BOX MIN., WITH LID MARKED "CSI SERVICE", OR SIZED AS SPECIFIED ON DRAWINGS

TAPE UNUSED PORTION OF CONNECTOR TO PROVIDE A WATERTIGHT SEAL (FOR FUTURE 240V USE)

WATERPROOF 2 POLE FUSED SPLICE CONNECTOR RATED 30A, 600V WITH ONE 30A FUSE

SIDEWALK OR TOP OF CURB GRADE

WATERPROOF SPLICE (TYP.)

#8 AWG BARE GROUND (TYP.)

GROUNDING BUSHING (TYP.)

ROOFING PAPER

SEAL AROUND CONDUIT WITH GROUT (TYP.)
1 1/2" GRS PVC COATED CONDUIT (TYP.)

6" MIN.

6" MIN. (TYP.)

UNGROUND AND NEUTRAL CONDUCTORS TO 120V LOAD (#10 AWG MIN. CONDUCTOR SIZE)

120 /240 VOLT 3 WIRE SERVICE CONDUCTORS IN CONDUIT TO P.G.&E. (#8 AWG MIN. CONDUCTOR SIZE)

DRAIN ROCK 1" MIN. - 2" MAX. AGGREGATE

GROUT BOTTOM OF BOX 1" MIN. AND 2" MAX.

DRAIN HOLE 1" MIN. - 2" MAX.

5/8" DIA. COPPER-CLAD OR 3/4" DIA. GALV. STEEL X 10' LONG GROUND ROD GROUNDING ELECTRODE

UL LISTED GROUND CLAMP SUITABLE FOR DIRECT BURIAL/CONCRETE ENCASEMENT BELOW GRADE APPLICATION (TYP.)

DIMENSION A: 1" MIN., 2" MAX. (TYP. - ALL CONDUITS)
B: 1" MIN., 2" MAX. ABOVE GROUT (TYP. - ALL CONDUITS)

NOTES:
1. SEE NOTES DRAWINGS E-04, E-05, E-06, AND E-37.
2. PROVIDE 3' OF SLACK IN ALL CONDUCTORS IN ACCORDANCE WITH SPECIFICATIONS. (SLACK NOT SHOWN).

APPROVED BY
AWJ
DATE
3/3/92

**UNDERGROUND STREETLIGHT SERVICE
TYPE IC - 120V**

DEPARTMENT OF PUBLIC WORKS



DRAWING NO.
E-35