

CITY OF SAN JOSE #3 1/2  
PRECAST CONCRETE BOX WITH  
LID MARKED "CSJ SERVICE"

3/8" BRASS HOLD DOWN BOLT  
NUT AND WASHER RECESSED  
IN COVER (2 PER BOX)

WATERPROOF 1 POLE FUSED  
SPLICE CONNECTOR RATED 30A,  
600V WITH 15A FUSE

WATERPROOF 2 POLE FUSED  
SPLICE CONNECTOR RATED 30A,  
600V WITH TWO 30A FUSES

SIDEWALK OR TOP  
OF CURB GRADE

IDENTIFY AS  
"IRRIGATION" CIRCUIT

UNGROUND  
CONDUCTORS

WATERPROOF  
SPLICE (TYP.)

NEUTRAL

CONDUIT  
BELL END  
(TYP.)

PVC CONDUIT  
WITH STREETLIGHT  
CIRCUIT

SEAL AROUND  
CONDUIT WITH  
GROUT (TYP.)

ROOFING  
PAPER

6" MIN.

6" MIN.  
(TYP.)

1" SCHEDULE 40 PVC CONDUIT  
WITH TWO #8 (120V) AND ONE  
#8 GROUND TO CIRCUIT BREAKER  
ENCLOSURE IN IRRIGATION  
CONTROLLER ENCLOSURE

PVC CONDUIT WITH SERVICE  
CONDUCTORS  
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

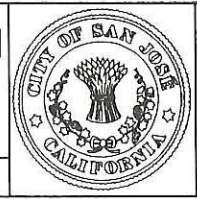
UL LISTED GROUND CLAMP SUITABLE  
FOR DIRECT BURIAL/CONCRETE  
ENCASEMENT APPLICATION (TYP.)

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

- NOTES:
1. IF PULLBOX IS EXISTING, THE GROUT SHALL BE REPAIRED.
  2. IF RIGID STEEL CONDUIT IS PRESENT, BONDING SHALL BE AS PER CITY OF SAN JOSE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
  3. ALL WORK SHALL COMPLY WITH CITY OF SAN JOSE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. PROVIDE 3' OF SLACK IN ALL CONDUCTORS IN ACCORDANCE WITH SPECIFICATIONS. (SLACK NOT SHOWN).
  4. SEE NOTES DRAWINGS E-04, E-05, E-06, AND E-37.

APPROVED BY  
*awd*  
DATE  
3/3/92

**IRRIGATION CONTROLLER CONNECTION  
AT UNDERGROUND  
STREETLIGHT SERVICE**  
DEPARTMENT OF PUBLIC WORKS



DRAWING NO.  
**E-39**