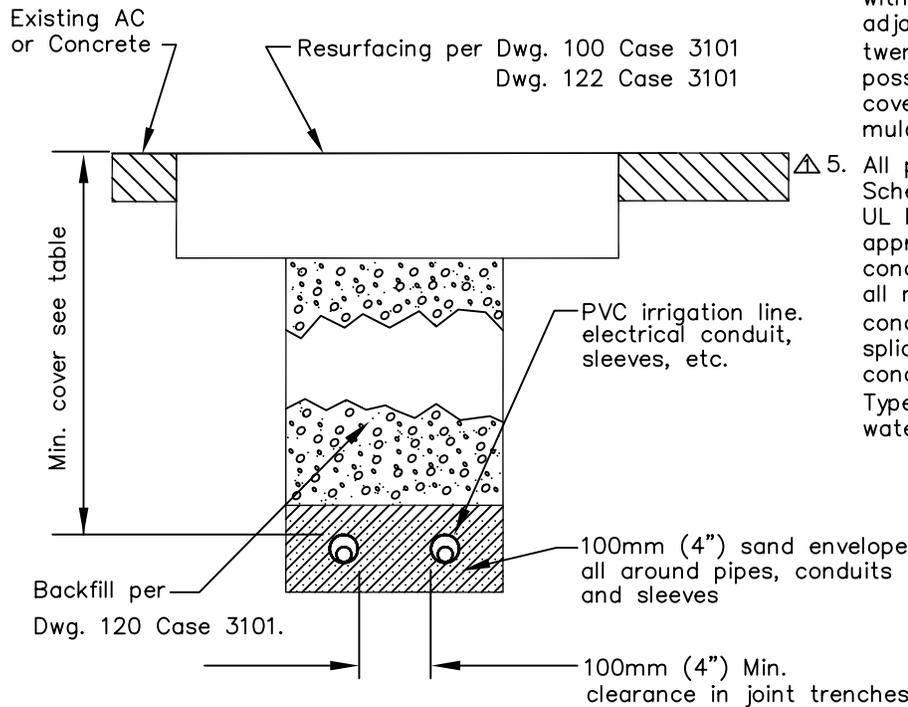


**TRENCH DETAIL IN LANDSCAPE AREAS**



**TRENCH DETAIL UNDER ASPHALT AND CONCRETE IMPROVEMENTS**

**NOTES:**

1. All work shall be done in accordance with the Standard Specifications for Public Works Construction, the "GREENBOOK", the most current edition and all supplements thereto, adopted by the Southern California Chapter of the American Public Works Association and the Special Provisions (Technical Specifications) thereto adopted by the City.
2. All irrigation lines shall pass pressure test prior to backfill.
  - (a). Mains: 6 hours @ 860 kPa(125psi min)
  - (b). Laterals: 2 hours @ 690 kPa (100 psi) min.
3. Conduits and lines shall be placed in separate 75mm (3") min. or 1 1/2 times pipe size min. Sch. 40 PVC sleeve(s) when under AC or Concrete improvements. Sleeving shall extend from 300mm (12") edge of paving into landscaping area and shall have ends clearly marked above grade and duct seal all ends. Separate sleeve shall be provided for each conduit or line.
4. Where it is necessary to excavate adjacent to existing trees, the contractor shall exercise all possible care to avoid injury to trees and tree roots. Excavation in areas where 50mm (2") and larger roots occur shall be done by hand. Roots 25mm (1") and larger shall be painted with two coats of tree seal, or equal. Trenches adjacent to trees should be closed within twenty-four (24) hours: and where this is not possible, the side of the trench shall be covered with moistened burlap or straw or mulch.
5. All plastic pipe, conduit, or sleeves shall be Schedule 40 or SDR 26 minimum and shall be UL listed if for electrical systems or NSF approved for potable water. A #12 tracing conductor and pull rope shall be installed with all non-electrical or empty plastic pipes or conduits, terminate w/900mm (36") coil in a splice box, Christy F1 or equal. Tracing conductor shall be Type THHN in conduit or Type UF taped 1.5m (5') O.C. on exterior of water pipelines

**Minimum Cover**

Non-pressurized lines in landscaping	450mm (18")
All conduits and pressurized lines and sleeves in landscaping, sidewalks, parking lots	600mm (24")
All conduits and lines and sleeves Minor & Collector streets	700mm (36")
All conduits and lines and sleeves Arterial streets	1050mm (42")

ACAD FILE NO. C3101D400 Rev1.dwg

**CITY OF SAN LEANDRO \* STANDARD PLANS**

NO.	REVISIONS	DATE	BY
▲	ADDED NOTE #5	10/29/06	AMS

**IRRIGATION TRENCH**

APPROVED

*[Signature]*  
Kenneth Joseph, City Engineer R.C.E. No.34870  
Expires 9/30/09

DRAWN GF/MLWH/JL CHECKED KJ/KRC DATE May 2002 SCALE NONE SHEET 1 OF 1

DWG. NO. 400 CASE. 3101