

STANDARDS FOR ALL SERVICE CONNECTIONS :

1. No Direct Tap. Service connection shall be wet tap only using double strapped bronze saddle.
2. For 3/4" and 1" services, use polyethylene tubing (PE 3406) and Mueller Insta-tite fittings. Compression fittings are not allowed unless approved by Director of Public Works. See WA-17.
3. For 1 1/2" and 2" services, use Type "K" soft copper tubing (ASTM B-88-62) with flared fittings. (No soldered joints are allowed.) Compression fittings are not allowed unless approved by Director of Public Works. See WA-17.
4. For 3" and 4" services, use C-900 pipe with Megalug[®] mechanical joints (see item 8 below) or Ductile Iron Pipe with Push-on or Tyton[®] or field lock gasket joints (see item 13 below). See WA-22.
5. For fire service connections, contact Menlo Park Fire District for underground standards and approval of onsite design. See WA-6.
6. Resurfacing and backfill in the public right-of-way shall conform to City of Menlo Park Standard Details ST 9A, ST-9B, and ST-16 or as directed by Director of Public Works.

SPECIFIC STANDARDS FOR AREAS NORTH AND EAST (BAY SIDE) OF HIGHWAY 101 (CORROSIVE SOIL CONDITIONS):

7. Use fusion epoxy coated Mueller full bodied tapping sleeve #H-615 with #316 Stainless Steel trim.
8. Use C-900, SDR35 or approved equal PVC (polyvinyl chloride) pipe with #8 locator wire, stranded blue, single length with insulation intact.
9. All buried ferrous (iron) fittings and valves shall be fusion epoxy coated and wrapped with single layer of 8 mm Polyethylene covering.
10. Fittings shall be Push-on[®] or Tyton[®]. If Director of Public Works approves mechanical joints, they shall be fusion epoxy coated and #316 Stainless Steel bolts are required.
11. 2" Nut Mueller A-2360 resilient wedge gate valves shall be fusion epoxy coated with #316 Stainless Steel bolts.

SPECIFIC STANDARDS FOR AREAS SOUTH AND WEST (UP-HILL SIDE) OF HIGHWAY 101 :

12. Use fusion epoxy coated Mueller full bodied tapping sleeve #H-615 with #304 Stainless Steel trim.
13. Use ductile iron pipe, with single layer of 8 MIL Polyethylene covering. (See California Code of Regulations, Title 22, § 64622 for material standards.)
14. All buried ferrous (iron) fittings and valves shall be fusion epoxy coated and wrapped with single layer of 8 mm Polyethylene covering. (Upon request, Director of Public Works may consider mastic coating with double wrapped 8 mm Polyethylene covering.)
15. Megalug[®] mechanical joints, with fusion epoxy coating, may be used upon approval of Director of Public Works.
16. 2" Nut Mueller A-2360 resilient wedge gate valves shall be fusion epoxy coated with #304 Stainless Steel bolts.

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CITY OF MENLO PARK STANDARD DETAILS



NO.	REVISIONS	DATE
1	2, 3, 8, 10, 14, 15	3/12/08

WATER SERVICE CONNECTION STANDARDS

APPROVED 
SENIOR ENGINEER R.C.E. No. 051205

DRAWN MC/JEF	CHECKED RD/JR/VP	DATE 03/12/08	SCALE NTS	SHEET
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STANDARD DETAIL NO. WA-23