

STANDARDS FOR SYSTEM AND ALL SERVICE CONNECTIONS:

1. NO DIRECT TAP. SERVICE CONNECTION SHALL BE WET TAP ONLY USING DOUBLE STRAPPED BRONZE SADDLE. WORK TO BE PERFORMED BY CONTRACTOR PRE-APPROVED BY THE CITY.
2. FOR 3/4" AND 1" SERVICES, POLYETHYLENE TUBING (PE 3406) WITH MUELLER INSTA-TITE FITTINGS IS ALLOWED. SEE WA-17.
3. FOR 3/4" TO 2" SERVICES, TYPE "K" SOFT COPPER TUBING (ASTM B-88-62) IS REQUIRED WITH FLARED OR PACKED JOINT COUPLING OR FLANGED COMPRESSION FITTINGS (NO SOLDERED JOINTS ARE ALLOWED).
4. FOR 3" AND 4" SERVICES, USE C-900 PIPE WITH MEGALUG MECHANICAL JOINTS (SEE ITEM 8 BELOW) OR DUCTILE IRON PIPE WITH MECHANICAL OR FLANGED JOINTS. NO PUSH ON JOINTS ALLOWED. SEE WA-22.
5. FOR FIRE SERVICE AND HYDRANT CONNECTIONS, CONTACT MENLO PARK FIRE PROTECTION 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 ENGINEERING SERVICE MANAGER.
7. USE FUSION EPOXY COATED (EXTERIOR AND INTERIOR) MUELLER FULL BODIED TAPPING SLEEVE #H-615. USE STAINLESS STEEL BOLTS, TRIM, AND SLEEVES. FOR AC PIPES USE STAINLESS STEEL SLEEVES.
8. ALL BURIED FERROUS (IRON) FITTINGS AND VALVES SHALL BE FUSION EPOXY COATED (EXTERIOR AND INTERIOR) AND WRAPPED WITH SINGLE LAYER OF 8 mm POLYETHYLENE COVERING, WITH ENDS TAPED.
9. JOINTS SHALL BE MECHANICAL, FLANGED OR FLEX (NO PUSH ON JOINTS ALLOWED). JOINTS SHALL BE FUSION EPOXY COATED (EXTERIOR AND INTERIOR).
10. 2" NUT MUELLER A-2360 RESILIENT WEDGE GATE VALVES SHALL BE FUSION EPOXY COATED (EXTERIOR AND INTERIOR).

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

11. USE # 316 STAINLESS STEEL BOLTS, TRIM, AND SLEEVES, BOTH ABOVE AND BELOW GRADE.
12. USE C-900, OR APPROVED EQUAL PVC (POLYVINYL CHLORIDE) PIPE, WITH #8 BLUE LOCATOR WIRE, SINGLE LENGTH WITH INSULATION INTACT.

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

13. USE #304 STAINLESS STEEL BOLTS, TRIM, AND SLEEVES BOTH ABOVE AND BELOW GRADE.
14. USE DUCTILE IRON PIPE, WITH SINGLE LAYER OF 8 MIL POLYETHYLENE COVERING. (SEE CALIFORNIA CODE OF REGULATIONS, TITLE 22, § 64622 FOR MATERIAL STANDARDS).
15. MASTIC COATING WITH DOUBLE WRAPPED 8 mm POLYETHYLENE COVERING MAY BE USED UPON APPROVAL OF ENGINEERING SERVICE MANAGER.



CITY OF MENLO PARK STANDARD DETAILS

WATER SERVICE AND SYSTEM STANDARDS

APPROVED


ENGINEERING SERVICES MANAGER, R.C.E. No.70736

STD. DETAIL No. WA-23

DRAWN
EJE/JO

CHECKED
VP

DATE
2/14/12

SCALE
NTS

SHEET
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