



NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING
NO. 723

REVISION	DATE
1	1997
2	2001
3	2010

1" RESIDENTIAL WATER SERVICE
WITH FIRE SPRINKLERS

DATE : 6/15/10

APPROVED BY: 
PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283

SHEET 1 OF 2

MATERIALS:

- (A) Service Saddle shall be Mueller BR2B or approved equal.
- (B) Curb stop, coupling, three part union, meter outlet fitting and meter box shall be per approved equal list. Corporation stop shall be Insulated Mueller N-35008 or approved equal.
- (C) Service pipe shall conform to A.S.T.M. Class K, soft annealed, seamless copper tubing.
- (D) Angle meter stop, Mueller 14276 or approved equal.
- (E) Meter boxes shall be Christy B16 BOX and B16G lid, or approved equal with the word "Water" imprinted on the lid and Christy B9 Meter box with B9D lid (or approved equal) for the sprinkler connection.
- (F) Brass grounding clamp, coated with 3M electrical compound, with brass bolts and brass set screw.

NOTES:

1. Customer service end shall be 1" Mueller H-10871 insulated coupling or approved equal.
2. Water meter with Automatic Remote Read Transmitter Register shall be furnished and installed by the City at the expense of the customer.
3. Meter box shall be set as detailed at the time the service is installed unless other wise specified by the City Engineer.
4. Where a separated sidewalk occurs , meter box shall be installed 6" from back of curb.
5. Where more than one domestic water meter is required; each meter shall be identified with permanent durable markings to indicate which address, building, tenant space that each meter serves (i.e. brass tag stamped with address).
6. Meter box side openings shall be grouted.
7. Where meter box is located in driveways, box shall be furnished with steel traffic cover. (Christy B16-61G or approved equal)
8. This detail is applicable to laterals serving 1 or 2 dwelling units only on same property.

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