

**PLAN (N.T.S.)  
FIRE SPRINKLERS CONNECTION**

Maximum Size Outlet For Water Main With Saddle (inches)	
Main Size	Max. Serv. Tap
4	1
6	1 - 1/2"
8	2
10	2
12	2
14	2

Place prepackage Zinc Anode against trench wall so as to maximize horizontal distance between the copper and the anode. Anodes shall be high purity Zinc meeting ASTM B418, Type II.

NOT TO SCALE

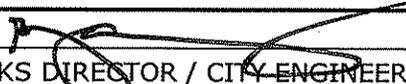
<b>CITY OF MILPITAS, ENGINEERING DIVISION</b>		<b>2" WATER SERVICE WITH FIRE SPRINKLERS</b>	<b>STANDARD DRAWING NO. 726</b>
<b>REVISION</b>	<b>DATE</b>		<b>DATE : 6/15/10</b>
①	1997	<b>APPROVED BY:</b>  <b>PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283</b>	<b>SHEET 1 OF 2</b>
②	2001		
③	2010		

**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 H-14276 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 B36 BOX and B36G 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 2" flange with insulating gasket, Calpico Type F Option 1 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 B36-61G or approved equal)
8. Install reduced pressure principle backflow preventer as shown on City Standard Drawing No. 734 when any of the following conditions exist.
  - a. When serving more than two (2) dwelling units.
  - b. To separate potable water supply from irrigation system.
  - c. When Recycled water connection serves the site.
  - d. When Recycled water irrigation system has permanent plumbing connection to chemical feed.
  - e. When any potable water service has permanent plumbing connection to pumps, injectors and tanks.

CITY OF MILPITAS, ENGINEERING DIVISION			STANDARD DRAWING
REVISION	DATE	<b>2" WATER SERVICE WITH FIRE SPRINKLERS</b>	NO. 726
①	1997		DATE : 6/15/10
②	2001		SHEET 2 OF 2
③	2010	APPROVED BY:  PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283	