

NOTE: WATER SERVICE LINE TO BE PERPENDICULAR TO STREET FROM METER BOX TO MAINLINE.

30" MIN. COVER

MIN. 18" BETWEEN ADJACENT WATER LINE TAPS (INCLUDING OPPOSITE DIRECTIONS).

30" MIN. COVER

SERVICE SADDLES REQUIRED FOR ALL TAPS ON EXISTING MAINLINES.

NOTE: PER ORS 92.044(7), METER BOXES MUST BE SET 1' MINIMUM CLEAR FROM ANY SURVEY MONUMENT

WATER MAIN

STAMP 2" TALL "W" IN TOP OF CURB AND GUTTER PAN AT POINT OF CROSSING (TYP).

SET METER BOXES W/MINIMUM 4' CLR SEPARATION

SIDEWALK

P/L

P/L

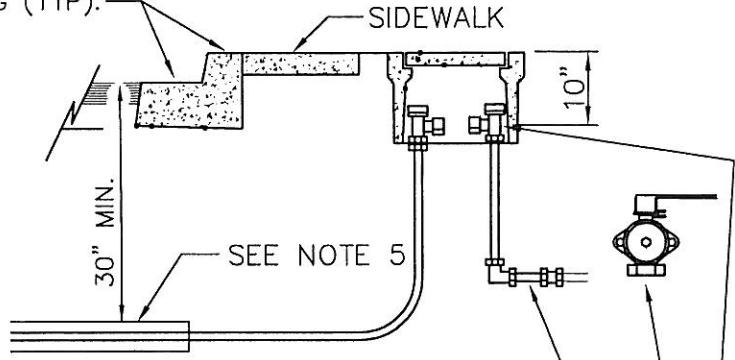
P/L

A

A

**MATERIALS:**

- ① BALL STYLE CORPORATION STOP FORD FB-1100. SET AT 30° ANGLE UP FROM HORIZONTAL.
- ② PHILLIPS DRISCOPIPE 5100 COPPER TUBE SIZE OD CONFORMING TO AWWA C-901. SINGLE RESIDENTIAL SERVICE: 1" (TYP)
- ③ BALL STYLE LOCKING ANGLE METER STOP, FORD BA43-444W WITH 1" BY 3/4" REDUCER.
- ④ ARMORCAST POLYMER CONCRETE METER BOX: A6001946PCX13 W/A600484 LID IN TRAFFIC AREAS A6001946PCX12 W/A600484R LID ELSEWHERE PROVIDE ALL METER BOXES WITH KNOCKOUTS FOR TOUCH-READ SENSORS



**SECTION A-A**

INSTALL NEW BALL VALVE, RISER & COUPLING FOR RELOCATED/REPLACED METER ASSEMBLIES.

ANGLE BALL VALVE W/HANDLE. INSTALL PRIOR TO INSTALLATION OF WATER METER

**NOTES:**

- 1. SUBSTITUTES FOR ANY MATERIALS SHOWN SHALL BE APPROVED BY THE CITY ENGINEER.
- 2. ALL PIPE AND BACKFILL ZONES SHALL BE BACKFILLED USING 3/4" MINUS GRANULAR MATERIAL AND COMPACTED TO 92% MAX. DENSITY DETERMINED BY AASHTO T-180.
- 3. SET FRONT OF METER BOX 3-INCHES BEHIND BACK OF SIDEWALK LOCATION FOR CURBLINE WALKS.
- 4. METER BOX SHALL BE CENTERED OVER THE COMPLETED METER ASSEMBLY.
- 5. MIN. SIZE COMMERCIAL SERVICES SHALL BE 1-INCH. FOR NEW STREETS OR STREETS BEING CUT FOR SERVICE INSTALLATION, FAR SIDE COMMERCIAL SERVICES SHALL BE INSTALLED IN A 4" MIN. SCHED 40 PVC SLEEVE.

LAST REVISION DATE: MAR 2008	COPYRIGHT 1996 WESTECH ENGINEERING, INC.
<b>1" WATER SERVICE</b>	
(NTS)	
JUNCTION CITY, OR	DETAIL NO. <b>515</b>