

**WATER SERVICE INSTALLATION REQUIREMENTS
FOR BENTON CHARTER TOWNSHIP RESIDENTIAL CUSTOMERS**

*WATER SUPPLY, MAINTENANCE, AND SERVICE
INSTALLATION IS PROVIDED BY Benton Charter Township Water Dept.
BENTON HARBOR, MICHIGAN*

page 1 of 4

1. Authorization must be obtained from Benton Charter Township before application and payment are made for a new water connection. Payments and fees will include, at a minimum, a tap charge and a meter fee. In areas not originally assessed for water system improvements, a lateral benefit fee will also be charged.

2. After payment is received by the Township, the applicant must place a stake labeled "water" at the roadway indicating the desired location of the water service connection to the existing watermain. The Water Department will try to install the new connection as close as possible to this location. New water services shall not be placed within eight (8) feet of any drive, tree, or structure.

3. Service lines shall have not less than four (4) feet, but not more than five (5) feet of cover.

4. All meters will be installed and remain in an **accessible** area inside the dwelling being served (see Residential Water Service Detail - 1). A remote will be placed on the outside of the dwelling, no less than four (4) feet from the ground and kept free of obstruction. Alternative installations must be reviewed and authorization given by a representative of the Benton Charter Twp Water Department.

5. Water service lines shall be installed at least ten (10) feet from any existing sanitary service lines. Variations from this shall only be by approval of the Benton Charter Twp Water Department.

6. Meter installations must be installed horizontally (parallel with the floor). A jumper or spacer will be installed in order to accommodate a water meter. The spacer will be composed of two nipples and a union with the spacing as follows:

<u>METER SIZE</u>	<u>SPACER SIZE</u>
5/8 x 3/4 inch meter	3/4 inch pipe 13 inches in length
3/4 inch meter	3/4 inch pipe 14 inches in length
1 inch meter	1 inch pipe 16 inches in length

The jumper or spacer must be installed at least three (3) inches from existing walls.

7. There must be gate or ball valves installed on both sides of the meter. These valves shall be installed not more than six (6) inches away from the meter.

8. When municipal water is installed, the well must be disconnected from the domestic water lines within each dwelling. If the homeowner wishes to utilize the well, there must be a separate sillcock or faucet installed for this purpose. No physical connection will exist between the municipal water supply and a private well.

9. All water will be metered. No unauthorized connections will be made to the Benton Charter Township water system. Such unauthorized connections to the water system will be subject to a fine as determined by the Benton Charter Township Board.

10. Sprinkler meters shall be not less than 3/4 inch.

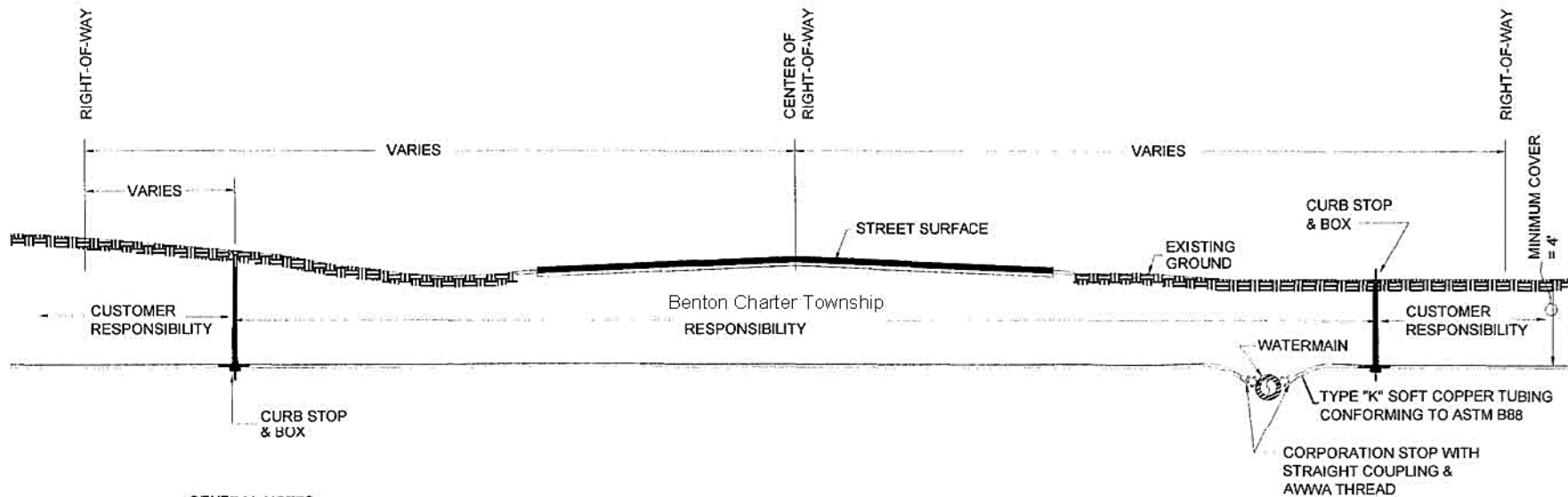
11. Sprinkler systems must have an approved back flow preventer. This backflow preventer must be installed in accordance with State of Michigan Plumbing Codes. Devices are subject to Water Dept annual inspections.

WATER SERVICE INSTALLATION REQUIREMENTS FOR BENTON CHARTER TOWNSHIP RESIDENTIAL CUSTOMERS

*WATER SUPPLY, MAINTENANCE, AND SERVICE
INSTALLATION IS PROVIDED BY the Benton Charter Township Water Department
BENTON HARBOR, MICHIGAN*

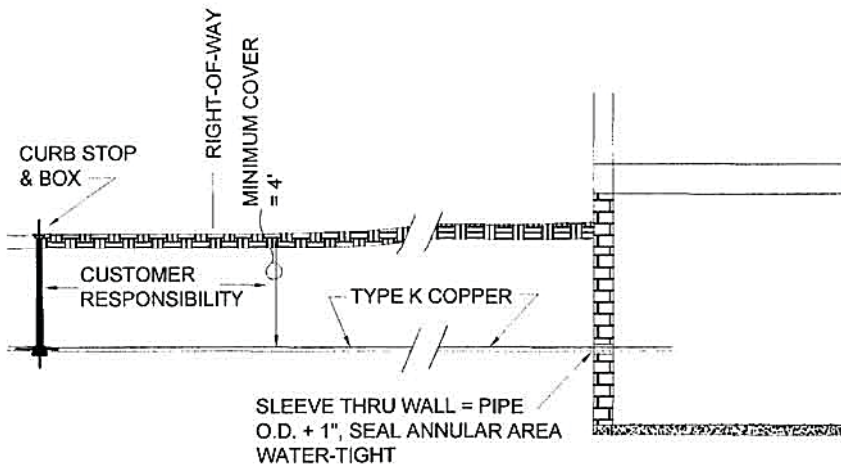
page 2 of 2


12. No tees or faucets shall be installed before water meters. If provisions are made for future sprinkler meters, a tee may be installed before the valve on the upstream side of the meter, but it must be capped or plugged, not valved off.
13. The curb stop will be placed twenty six (26) feet from the centerline of the road on standard sixty-six foot right-of-ways.
14. Duplex residential units shall install two separate meters and two service lines, from the street to the dwelling. A duplex connection with curb stops and boxes will be provided when the water tap is installed.
15. The water service pipe extending from the curb stop to individual premises shall be the sole property of the owner of those premises to which same is connected. It shall be the duty of each owner of premises, upon being notified or otherwise learning of a leak in a service pipe, to immediately cause such leak to be repaired. In the event that the water service pipe leak is in the public right-of-way and in the sole judgment of the Twp endangers public property or public safety, the Twp may cause the same to be repaired or replaced and collect the cost thereof, plus a five percent administrative fee, from the owner by an action at law, or may assess the same against the lands and premises served by the water service pipe and when so charged shall constitute a lien against such lands and premises and shall be added to and collected with the next Twp tax roll.

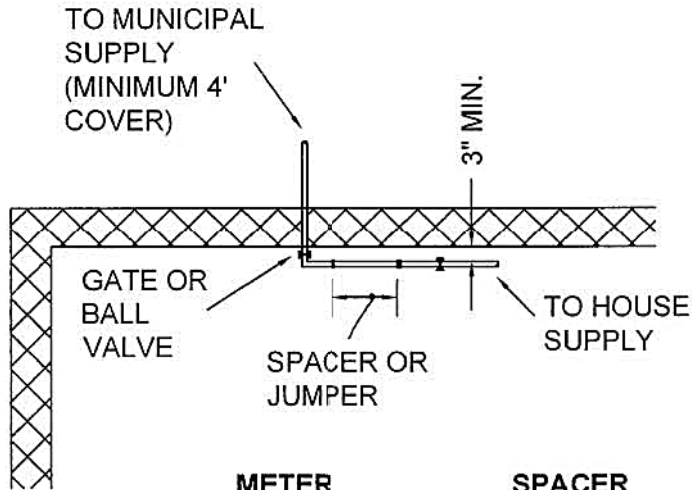


GENERAL NOTES

1. CUSTOMER RESPONSIBILITY FOR THE WATER SERVICE LINE SHALL BE UP TO THE SHUT-OFF OR CURB STOP, WHEREVER THAT OCCURS.
2. SERVICE LINE FROM THE CURB STOP TO THE STRUCTURE SHALL BE TYPE K SOFT COPPER CONFORMING TO ASTM B-88 AND THE MICHIGAN PLUMBING CODE, OR OTHER MICHIGAN PLUMBING CODE APPROVED MATERIALS.
3. CONNECTION TO THE CURB STOP SHALL BE BY COMPRESSION FITTING.
4. MINIMUM SIZE OF SERVICE LINES FROM CORPORATION STOP TO STRUCTURE SHALL BE 1" .



REVISED:	
DRAWN BY:	BENTON CHARTER TWP.
CHECKED BY:	 THE STAR OF SOUTHWESTERN MICHIGAN 1725 TERRITORIAL RD., BENTON HARBOR, MI 49022 TEL: (269) 925-0616 FAX: (269) 925-7134
SCALE:	DEPARTMENT OF BUILDING & INSPECTION
DATE:	
DATUM:	TYPICAL RESIDENTIAL WATER SERVICE - MAIN TO BUILDING
SHEET:	
	of



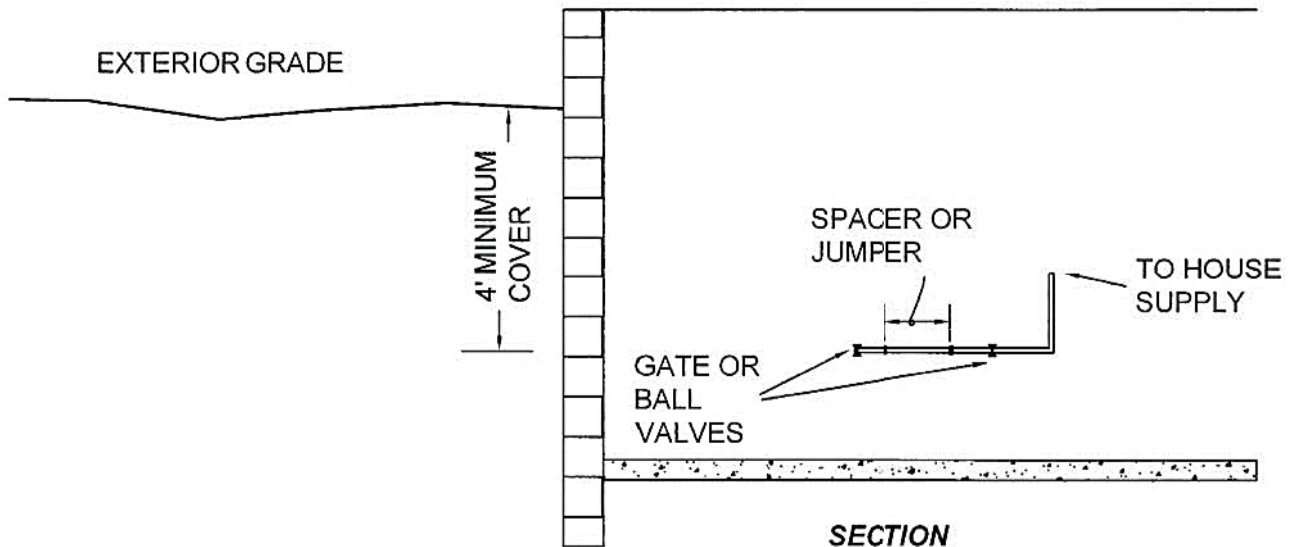
METER

5/8" x 3/4'
 3/4"
 1"


SPACER

3/4" PIPE, 13" LONG
 3/4" PIPE, 14" LONG
 1" PIPE, 16" LONG

PLAN



SECTION

REVISED:	
DRAWN BY:	BENTON CHARTER TWP.
CHECKED BY:	 THE STAR OF SOUTHWESTERN MICHIGAN 1725 TERRITORIAL RD., BENTON HARBOR, MI 49022 TEL: (269) 925-0616 FAX: (269) 925-7134
SCALE:	DEPARTMENT OF BUILDING & INSPECTION
DATE:	
DATUM:	
SHEET:	TYPICAL RESIDENTIAL WATER SERVICE - AT BUILDING
of	