

- ① WATER SERVICE LINE SHALL BE SEAMLESS COPPER TUBING, TYPE K, MEETING REQUIREMENTS OF FEDERAL SPECIFICATION VVW-T-799. 1" PLASTIC OR 1 1/4" COPPER SERVICE SHALL BE INSTALLED WHERE BUILDINGS ARE MORE THAN 150' FROM WATERMAIN OR WHERE REQUIRED BY PLANS. PLASTIC PIPE MAY BE USED BEGINNING 18" BEYOND THE CURB STOP. PLASTIC PIPE SHALL MEET ASTM D2737, AWWA C901-96. TRACER WIRE SHALL BE PLACED OVER ANY PLASTIC PIPE.

1" CORPORATION STOP TAPPED INTO MAIN AT 45° ABOVE HORIZONTAL. TO BE MUELLER B 25008 OR EQUAL.

- ② WATER SERVICE SHALL BE A MINIMUM OF 10' MEASURED HORIZONTALLY FROM THE SEWER SERVICE AND SHALL BE A MINIMUM OF 18" ABOVE THE CROWN OF THE SANITARY SEWER MAIN WHERE THE WATER SERVICE CROSSES SEWER MAIN. WATER SERVICE MAY BE LAID ON BENCH IN SEWER LATERAL TRENCH IF CROWN OF SEWER IS AT LEAST 18" BELOW INVERT OF WATER SERVICE, AND THE MINIMUM DISTANCE BETWEEN THE WATER SERVICE AND THE SEWER LATERAL IS 2' - 0".

NOTE:

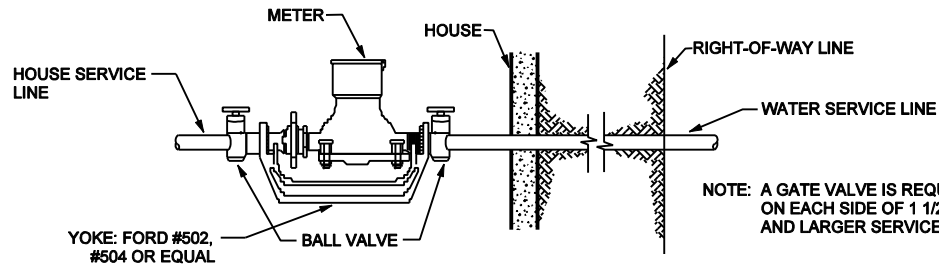
THE MAXIMUM ALLOWABLE HEIGHT FROM FINISH FLOOR ELEVATION TO TOP OF METER SHALL BE 48".

METER SETTING YOKES SHALL BE USED ON ALL METER INSTALLATIONS. (FORD YOKE #502, 504 OR EQUAL) IN ADDITION, A VALVE SHALL BE INSTALLED ON BOTH THE INLET AND OUTLET SIDE OF ALL METER SETTINGS WITH THE VALVE ON THE INLET SIDE TO BE OF A LOCKABLE DESIGN. (SEE SHEET 800-3)

INSTALLATION OF SERVICE (CURB) BOXES SHALL BE THE RESPONSIBILITY OF THE BUILDERS, IN ACCORDANCE WITH CITY OF VANDALIA ORDINANCES, INCLUDING THE POSTING OF ALL NECESSARY BONDS.

THE DEVELOPER MAY INSTALL CURB BOXES AT THE TIME OF DEVELOPMENT, IF HE SO DESIRES. IN LIEU OF THIS, HOWEVER, A 1" DIAMETER FERROUS METAL ROD SHALL BE INSTALLED 6" TO THE SIDE OF THE CURB STOP. INSTALLATION OF THIS ROD SHALL BE WITNESSED BY THE CITY INSPECTOR PRIOR TO BACK-FILLING. THE ELEVATION OF THE TOP OF THE METAL ROD SHALL BE EQUAL TO THE ELEVATION OF THE BACK EDGE OF THE ADJACENT SIDEWALK.

WATER MAIN SERVICE CONNECTION



NOTE: A GATE VALVE IS REQUIRED ON EACH SIDE OF 1 1/2" AND LARGER SERVICE LINES.

INSIDE SERVICE CONNECTION

METER LOCATION

INSIDE METER LOCATION MUST BE READILY ACCESSIBLE, NOT LOCATED BEHIND ANY OBJECT SUCH AS WATER HEATER, FURNACE, WASHER OR DRYER.

MINIMUM OF 10" HEIGHT CLEARANCE SHALL BE PROVIDED AT METER SETTING LOCATION.

ALL METER BARS MUST BE ELECTRICALLY BONDED FROM ONE SIDE TO THE OTHER.

METERS SHALL BE LOCATED WITHIN 5 FEET OF OUTSIDE WALL OF STRUCTURE, NEAREST TO THE CURB STOP OR SERVICE VALVE.