



**Town of Walpole**  
**Commonwealth of Massachusetts**

Town Hall  
135 School Street  
Walpole, Ma. 02081  
Phone (508) 660-7310  
Fax (508) 660-7323

Superintendent of Sewer and Water  
Richard E. Mattson, Jr.

TO: ALL LICENSED DRAIN LAYERS  
FROM: Richard E. Mattson, Jr.  
RE: Application Period for Calendar Year **2018**  
DATE: December 7, 2017

It is necessary at this time for your company or firm to re-apply for a Drain Layer's License for **2018**.

The application can be mailed in to the Water Department at any time with all the appropriate fees, insurance papers and **Drain Layer's Bond**, so dated to expire on December 31, 2018. If you have a deposit passbook in lieu of an insurance bond, write a short note on your letterhead indicating that we are to hold it until December 31, 2018, if approved.

Any company wishing not to apply for a renewal of their license can pick up their documents from this year after January 2, 2018.

Enclosed are the forms for application and a copy of the rules for renewal. If any documents are missing when received, no re-issuance of a license will take place until complete.

Additionally, you will find attachments of certain regulations of the Board of Sewer & Water Commissioners. Please take time to review them so as to prevent any problems or misunderstandings that may be associated with the work that you perform.

As you are aware, all work must be inspected by the Town Engineering Department prior to backfilling. Currently a 72-hour notice is required for inspections and/or mark outs. Please make sure that you schedule your work accordingly to avoid any delays. Utility locations and elevations that are provided by the Town of Walpole are based on the best available information that we have and may not be exact. The Town of Walpole assumes no responsibility for costs or any other issue that may be incurred or encountered as a result of incorrect locations due to errors associated with records.

Thank you and should you have any questions, please contact the Water Department at the above number.

Enclosures



**Town of Walpole  
Commonwealth of Massachusetts**

**Water & Sewer Department**

Town Hall  
135 School Street  
Walpole, Ma. 02081  
Phone (508) 660-7308  
Fax (508) 660-7323

**2018  
APPLICATION FOR DRAINLAYER'S LICENSE**

\_\_\_\_\_ hereby makes application for a license to engage in the  
business of drain laying in Walpole, MA.

Date \_\_\_\_\_

1. Business Address \_\_\_\_\_
2. Residence Address \_\_\_\_\_
3. Business Phone \_\_\_\_\_ 4. Home Phone \_\_\_\_\_ 5. Cell Phone \_\_\_\_\_
6. Present Occupation \_\_\_\_\_ 7. Years experience \_\_\_\_\_
8. In what capacity \_\_\_\_\_ 9. No. of employees \_\_\_\_\_
10. List Equipment available for doing this type of work: \_\_\_\_\_  
\_\_\_\_\_
11. If a plumber, MA License No: \_\_\_\_\_
12. If a DrainLayer, furnish references of previous employers \_\_\_\_\_  
\_\_\_\_\_
13. Name of insurance company on bond and certification number \_\_\_\_\_

Signed \_\_\_\_\_

Affiliation \_\_\_\_\_

By: \_\_\_\_\_



*Town of Walpole  
Commonwealth of Massachusetts*

**Water & Sewer Department**

Town Hall  
135 School Street  
Walpole, Ma. 02081  
Phone (508) 660-7308

**LICENSED DRAIN LAYER**

- Sec. 1. Drain layers, registered plumbers and competent contractors shall be Licensed by the Director of Public Works as licensed drain layers, authorized to perform work in the Town of Walpole, subject to compliance with the following requirements:
- A. Applicants for licenses shall pay a filing fee of two hundred fifty dollars (\$250.00) as licensed drain layers, payable to the Town of Walpole, all of which will be refunded to the applicant if his application is refused.
  - B. Applicants for licenses, after approval by the Director of Public Works shall file with the Superintendent, a certificate of insurance in the sums of \$1,000,000 combined single limit Bodily Injury and Property Damage. In addition, a certificate of insurance covering Workman's Compensation shall be filed, all of which shall remain in full force and effect for a period of at least one year from the date of approval. Said insurance shall indemnify the Town of Walpole against any and all claims, liability or action for damage incurred in or in any way connected with the performance of the work by a licensed drain layer, and for or by reason of any acts or omissions of said licensed drain layer in the performance of his work.
  - C. In addition, the licensed drain layer shall file with the Town Administrator, proper and acceptable performance and guaranty bond in the amount of \$5,000 to guarantee the satisfactory completion of his work. The bond to be posted will be one with adequate sureties or other security (such as deposit of a bank book, etc.) which shall be satisfactory to the Director of Public Works. The bond shall remain in full force and effect for a period of one year from the date of application, and must read DRAIN LAYER.
- Sec. 2. All licenses expire December 31, and NO LICENSES ARE TRANSFERABLE. The fee for renewal shall be two hundred fifty dollars (\$250.00) which shall be due and payable on or before the date of issue.
- Sec. 3. The Director of Public Works shall have the power to revoke licenses if any provisions of these rules and regulations are violated.
- Sec. 4. All licensees are required to give personal attention to all installations and shall employ only competent workers.
- Sec. 5. Application for a drain layer's license shall be approved by the Director of Public Works or the Superintendent of Sewer and Water.

# TOWN OF WALPOLE SEWER AND WATER DEPARTMENT

## TESTING AND INSPECTION REQUIREMENTS

### WATER

#### Pressure & Leakage Testing:

All water mains shall be hydrostatic pressure and leakage tested in accordance with AWWA standard C-600. Testing shall be performed by an individual or firm who has been certified by the BOSWC as qualified to perform such testing. A letter or report must be submitted by the certified individual or firm to the Water Department certifying that the test results have met the AWWA standard.

#### Disinfection:

All new, cleaned or repaired water mains shall be disinfected in accordance with AWWA standard C-601

#### Sampling:

Water samples shall be collected at the beginning, middle and end of each pipeline run. They shall be tested for the presence of coliform bacteria as well as a heterotrophic plate count. Analysis of the samples shall be performed by a Massachusetts certified laboratory who shall list their certification number on the report form. A copy of the analysis report must be submitted by the laboratory to the Water Department.

#### Chlorinated Discharge:

In accordance with AWWA Standard C-651, thorough consideration should be given to the impact of discharge of highly chlorinated water to the environment. If there is any possibility that chlorinated discharge will cause damage to the environment, a neutralizing chemical, as listed in AWWA standard C-651, shall be applied to the water to be wasted to neutralize thoroughly the chlorine residual remaining in the water. Where necessary, federal, state, and local regulatory agencies should be contacted to determine special provisions for the disposal of heavily chlorinated water.

### SEWER

Sewer main lines shall be tested @ 5 psi for a minimum of 5 minutes. Sewer force service lines (smaller than 2") shall be tested @ 2.5 times the maximum pump pressure for 15 minutes minimum.

Sewer force main lines greater than 2" shall be tested @ 2.5 times the maximum pump pressure for a 1 hour minimum

### MANHOLE TESTING

A vacuum of 10 inches of mercury (Hg) shall be drawn and the vacuum pump shut off. With the valves closed the time shall be measured for the vacuum drop to 9 inches. The manhole shall pass if the time is greater than 60 seconds for a 48" diameter manhole, 75 seconds for a 60" diameter manhole, and 90 seconds for a 72" diameter manhole.

## **NOTICE:**

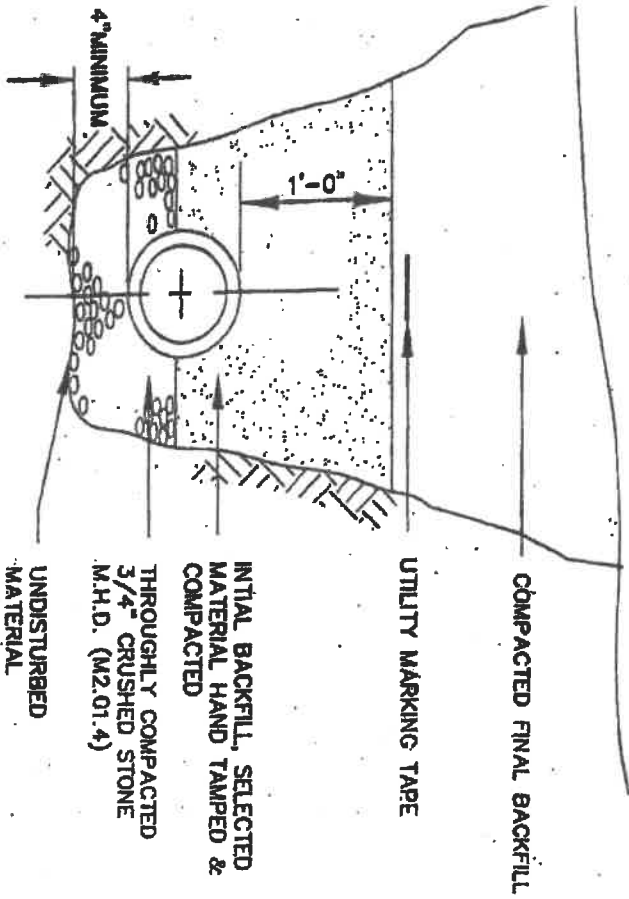
### **Excerpt of Section C-1 BOSWC Regulations**

**No person, except a fireman at fires, shall open, operate or tamper with any fire hydrant directly connected to the Town system of mains, whether on public or private property, without permission in writing from the Commissioners or duly authorized Agent. No person, without similar permission, shall open, close or operate any valve or stop attached to the Town system of mains or service pipes.**



TOWN OF WALPOLE  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION

GRAVITY SEWER  
 SERVICE TRENCH  
 DETAIL



NOTES:

SEWER SERVICES SHALL BE LAID AT LEAST 10'-0" HORIZONTALLY FROM WATER PIPES OR FOLLOW "DEP 2001 GUIDELINES AND POLICES FOR PUBLIC WATER SYSTEMS". REGARDING VERTICAL SEPERATION, WATER PIPE CROSSINGS MUST PROVIDE A 0'-18" VERTICALLY SEPERATION AND FOLLOW "DEP 2001 GUIDELINES AND POLICES FOR PUBLIC WATER SYSTEMS".

NO BACKFILL WHATSOEVER SHALL BE PLACED UNTIL PERMITTED BY THE TOWN ENGINEER OR HIS/HER AGENT.

MAXIMUM TRENCH WIDTH SHALL BE THE PIPE DIAMETER PLUS 2'-0". LEDGE, ROCK, BOULDERS, AND LARGE STONES SHALL BE REMOVED TO PROVIDE A MINIMUM CLEARANCE OF 0'-6" BELOW AND ON EACH SIDE OF THE PIPE.

SEWER SERVICES SHALL BE BEDDED ON A MINIMUM OF 0'-4" THROUGHLY COMPACTED GRANULAR BEDDING CONSISTING OF 3/4" CRUSHED STONE M.H.D. (M2.01.4).

SEWER SERVICES SHALL HAVE A MINIMUM DIAMETER OF 0'-6" AND A MINIMUM SLOPE OF 2.0% (FT/FT).

THE SIDES OF THE SERVICES SHALL BE BACKFILLED AND HAND TAMPED. INITIAL BACKFILL MATERIAL SHALL CONTAIN NO STONES LARGER THAN 0'-3".

DEBRIS, FROZEN MATERIAL, LARGE CLODS OR STONES, ORGANIC MATTER, OR OTHER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL NOT BE USED AS BACKFILL WITHIN TWO (2) FEET OF THE TOP OF THE PIPE.

SEWER SERVICES SHALL HAVE A MINIMUM COVER OF 4'-0" FROM THE TOP OF THE PIPE. SERVICES UNDER PAVED SURFACES OR SIDEWALKS SHALL BE FORMED OF SUCCESSIVE LAYERS NOT MORE THAN ONE (1) FOOT IN DEPTH, UNIFORMLY DISTRIBUTED AND EACH LAYER THOROUGHLY COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY OF THE MATERIAL. JACKING IS NOT ALLOWED.

NO PUDLING OR JETTING IS ALLOWED WITHIN THE PUBLIC LAYOUT WITHOUT WRITTEN PERMISSION OF THE TOWN ENGINEER.

DATE: APR. 04, 2005

SCALE = N.T.S.

SEWER\_SERVICE.DWG



**TOWN OF WALPOLE**  
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**

**TYPICAL WATER**  
**SERVICE DETAIL**

DATE: APR. 05, 2005

SCALE = N.T.S.

WATER\_SERVICE.DWG

NO PUDDLING OR JETTING IS ALLOWED WITHIN THE PUBLIC LAYOUT WITHOUT WRITTEN PERMISSION OF THE TOWN ENGINEER.

WATER SERVICES SHALL HAVE A MINIMUM COVER OF 5'-0" FROM THE TOP OF THE PIPE. SERVICES UNDER PAVED SURFACES OR SIDEWALKS SHALL BE FORMED OF SUCCESSIVE LAYERS NOT MORE THAN ONE (1) FOOT IN DEPTH, UNIFORMLY DISTRIBUTED AND EACH LAYER THOROUGHLY COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY OF THE MATERIAL. JACKING IS NOT ALLOWED.

UTILITY MARKING TAPE SHALL BE PLACED A MINIMUM OF 1'-0" OVER THE WATER SERVICE.

DEBRIS, FROZEN MATERIAL, LARGE CLODS OR STONES, ORGANIC MATTER, OR OTHER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL NOT BE USED AS BACKFILL WITHIN TWO (2) FEET OF THE TOP OF THE PIPE.

WATER SERVICES SHALL BE BEDDED ON A MINIMUM OF 0'-4" THOROUGHLY COMPACTED GRANULAR BEDDING CONSISTING OF COARSE SAND M.H.D. (M2.01.4). STONE DUST SHALL NOT BE USED AS BEDDING OR BACKFILL.

THE INTIAL BACKFILL MATERIAL WITHIN 0'-6" OF THE PIPE SHALL CONSIST OF COARSE SAND M.H.D. (M2.01.4) AND CONTAIN NO STONES LARGER THAN 0'-3".

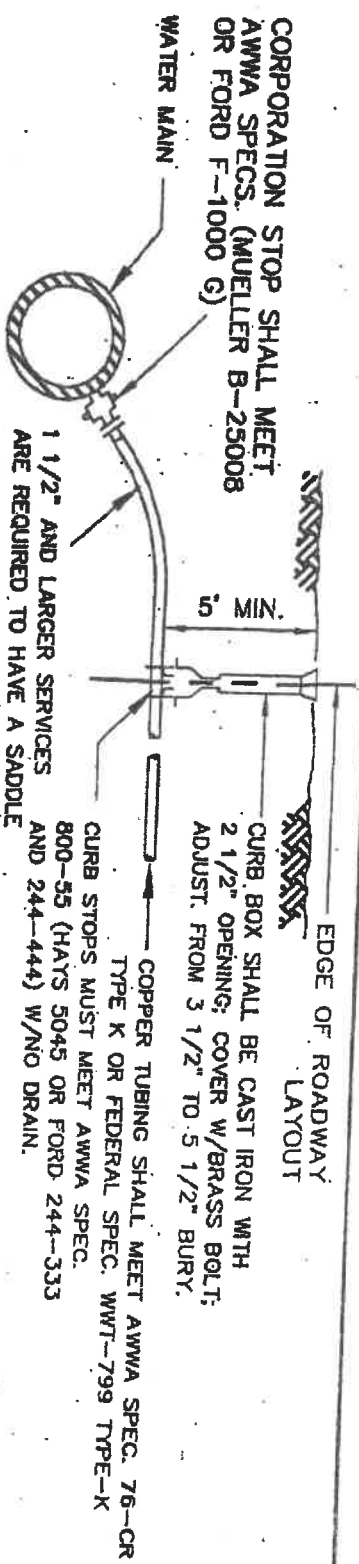
LEDGE, ROCK, BOULDERS, AND LARGE STONES SHALL BE REMOVED TO PROVIDE A MINIMUM CLEARANCE OF 0'-6" BELOW AND ON EACH SIDE OF THE PIPE.

WATER SERVICES GREATER THAN ONE HUNDRED (100) FEET IN LENGTH SHALL BE FIRST CONNECTED TO A WATER METER PIT LOCATED AT THE PROPERTY LINE.

NO BACKFILL WHATSOEVER SHALL BE PLACED UNTIL PERMITTED BY THE TOWN ENGINEER OR HIS/HER AGENT.

WATER SERVICES SHALL BE LAID AT LEAST 10'-0" HORIZONTALLY FROM SEWER LINES AND SERVICES OR FOLLOW "DEP 2001 GUIDELINES AND POLICES FOR PUBLIC WATER SYSTEMS" REGARDING VERTICAL SEPERATION. SEWER CROSSINGS MUST PROVIDE A 0'-18" VERTICALLY SEPERATION AND FOLLOW "DEP 2001 GUIDELINES AND POLICES FOR PUBLIC WATER SYSTEMS".

WATER SERVICES GREATER THAN ONE HUNDRED (100) FEET IN LENGTH SHALL BE FIRST CONNECTED TO A WATER METER PIT LOCATED AT THE PROPERTY LINE.



**NOTES:**

1 1/2" AND LARGER SERVICES ARE REQUIRED TO HAVE A SADDLE

CURB STOPS MUST MEET AWWA SPEC. 800-55 (HAYS 5045 OR FORD 244-333 AND 244-444) W/NO DRAIN.

COPPER TUBING SHALL MEET AWWA SPEC. 76-CR TYPE K OR FEDERAL SPEC. WWT-799 TYPE-K

EDGE OF ROADWAY LAYOUT

CURB BOX SHALL BE CAST IRON WITH 2 1/2" OPENING; COVER W/BRASS BOLT; ADJUST. FROM 3 1/2" TO 5 1/2" BURY.