

ORDINANCE NO. 01-2016

INTRODUCED BY: English

AN ORDINANCE OF THE TOWN OF TRAPPE AMENDING THE TOWN'S DESIGN AND CONSTRUCTION STANDARDS RELATING TO WATER METERS, LINES AND RELATED APPURTENANCES FOR RESIDENTIAL FIRE SUPPRESSION SERVICE

WHEREAS, Md. Code Ann. Local Government Article § 5-211 confers upon municipalities the power to make reasonable regulations concerning buildings, including the adoption of a building codes and construction standards; and

WHEREAS, by Ordinance 03-2006, the Town adopted certain design and construction standards for water, sewer, storm drains and streets in a document titled "TOWN OF TRAPPE, TALBOT COUNTY, MARYLAND DESIGN AND CONSTRUCTION STANDARDS FOR WATER, SEWER, STORM DRAINS AND STREETS", dated November, 2005, prepared by Davis, Bowen & Friedel, Inc. (hereinafter referred to as the "Construction and Design Standards") and

WHEREAS, the Council of Trappe has determined that it is desirable and in the public interest to amend the Construction and Design Standards related to water meters, lines and related appurtenances for residential fire suppression service as set forth in this Ordinance.

NOW, THEREFORE, BE IT ENACTED AND ORDAINED BY THE COUNCIL OF TRAPPE AS FOLLOWS:

**SECTION 1.** Section 1.03 of the Construction and Design Standards, page 1A-3. is hereby amended to include a new subsection C, which shall read as follows:

**1.03 DESIGN CAPACITY.**

. . . .

**C. FIRE SERVICE LINES**

Fire service lines shall be designed by the developer based upon the use intended and the resultant fire flow requirement. For residential units, the connection will be a tee connected to the 1-inch water service line (see section B) and from the property line to the home an adequately sized pipe to meet flow and pressure requirements. The fire protection service designer must provide for pressure drops across the tee, and elbows used, the isolation valve and a dual check valve as well as the length and type of pipe used. The working pressure of the system shall be measure at the point of connection.

Fire services shall be sized by the Developer's Engineer and calculation shall be submitted with application for review by the Town Engineer.

**SECTION 2.** Section 2.15A of the Construction and Design Standards, titled FIRE MAINS, page 2B-11, is hereby repealed and replaced in its entirety, which shall read as follows:

**2.15A FIRE MAINS**

- A. Fire mains requested for building insurance purposes shall be of ductile iron, PVC or HDPE construction. Each fire main shall be equipped with a backflow preventer. For residential services, a dual meter setter pit will be used, which includes a dual check valve.
- B. For non-residential services, backflow preventers shall be Ames Model 2000SS complete with 5/8 x 3/4 bypass meter or alarmed flow switch downstream of the backflow valve. Provide one OS&Y gate valve on each side of the backflow preventer. Combraco backflow preventers shall be an acceptable alternate.
- C. Backflow preventer shall be in a mechanical room accessible from the exterior door to said room. Internal systems shall be accessible to the Trappe Public Works Department.

**SECTION 3.** Section 2.20.B.4 of the Construction and Design Standards, titled Service Pipe and Appurtenances, subtitle "HOUSE SERVICES", page 2B-14, is hereby amended to read as follows:

**2.20 SERVICE PIPE AND APPURTENANCES.**

**B. HOUSE SERVICES**

- 4. Meter box shall be Ford Model PDSBHH488-18x36 prefabricated plastic pit setter. Meter box covers shall be Ford A32TP. The pit shall include a dual meter setter, one side of which will be used for the water meter and the other side for a straight pipe connection to the fire service. The fire service will be unmetered and continuously available for fire suppression. Each side of the setter will include a ball valve inlet and a dual check valve outlet. The meter shall have adaptors to fit the setter. Cover frames shall incorporate anchor spikes where installed in concrete sidewalks. Lids shall have the word

“WATER” cast into the cover and include lifter worm locks. Supply meter box lid wrenches as follows: Ford Model Key 3-36; for 1 to 5 box covers, 1 key; for 6 to 10 box covers, 2 keys; and for greater than 10 box covers, 3 keys. Contractor shall verify fit and compatibility of assembly components prior to ordering.

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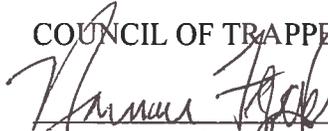
**SECTION 4.** The drawing titled STANDARD SINGLE METER PIT (NO SCALE), SECTION 3B, DRAWING 3, is hereby replaced with the attached drawing titled “RESIDENTIAL WATER SERVICE WITH FIRE PROTECTION SERVICE METER PIT (NO SCALE”), SECTION 3B, DRAWING 3 which is incorporated by reference herein.

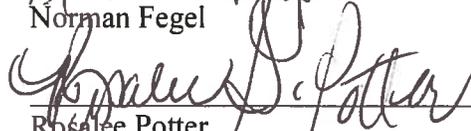
**SECTION 5.** All other provisions of the Construction and Design Standards shall remain unchanged and in full force and effect.

**SECTION 6.** This ordinance and the rules, regulations, provisions, requirements, orders and matters established and adopted hereby shall take effect and be in full force and effect twenty (20) days from and after the date of its final passage and adoption.

ENACTED this 2nd day of March, 2016.

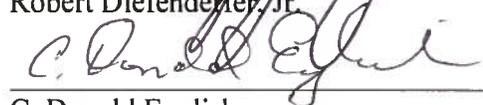
COUNCIL OF TRAPPE

  
\_\_\_\_\_  
Norman Fegel

  
\_\_\_\_\_  
Rosalee Potter

  
\_\_\_\_\_  
Tonya Britchett

  
\_\_\_\_\_  
Robert Diefenderfer, Jr.

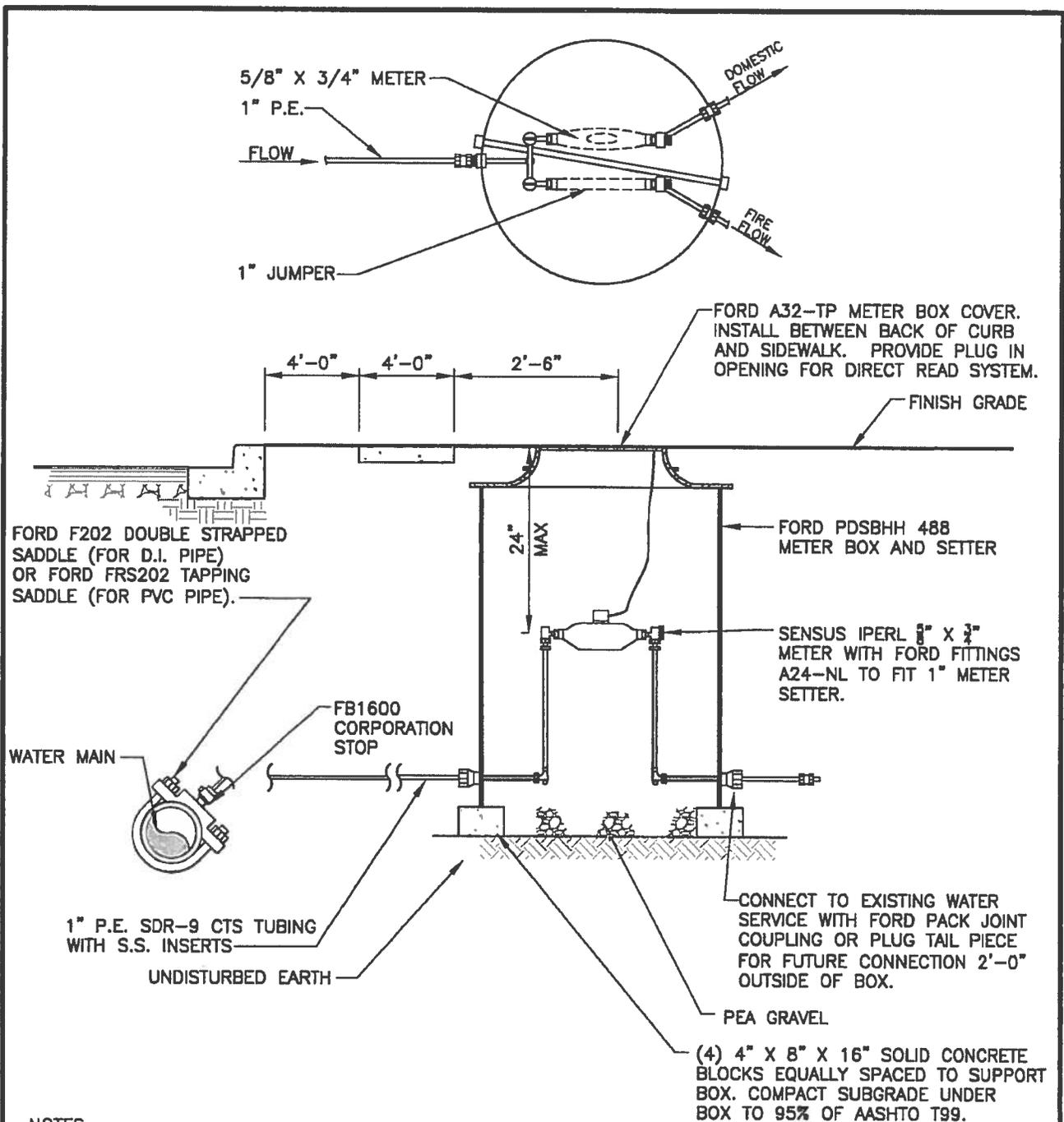
  
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C. Donald English

I hereby certify that the forgoing Ordinance number 01-2016 of the Town of Trappe was duly

read, advertised, and enacted in accordance with the applicable provisions of the Charter of the Town of Trappe.

Attest: Erin Braband  
Erin Braband, Clerk/Treasurer  
Town of Trappe

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**NOTES:**

1. DO NOT INSTALL METERS IN DRIVEWAY OR OTHER PAVED AREA.
2. WRAP ALL THREADS WITH TEFLON TAPE.
3. DO NOT TAP MAIN OR TORQUE SADDLE OR SLEEVES WITHOUT PRESSURE IN WATER MAIN. USE SHELL TYPE CUTTER WHICH RETAINS COUPON AND CHIPS.
4. CONTRACTOR TO PROVIDE ALL NECESSARY FITTING AND ADAPTERS REQUIRED FOR WATER SERVICE INSTALLATION AND ENSURE COMPATIBILITY OF THE SAME.

TOWN OF TRAPPE  
DEPARTMENT OF PUBLIC WORKS  
CONSTRUCTION STANDARDS

RESIDENTIAL WATER SERVICE WITH FIRE  
PROTECTION SERVICE METER PIT  
(NO SCALE)

SECTION 3B

DRAWING 3

(PROPOSED)

