

**FRANKFORT ELECTRIC & WATER PLANT BOARD  
INFORMATION SHEET FOR FIRE AND/OR DOMESTIC SERVICE VAULTS**

**(THIS SHEET TO BE COMPLETED BY CUSTOMER OR CUSTOMER REPRESENTATIVE)**

FORM COMPLETED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME OF COMPANY/OWNER: \_\_\_\_\_ PHONE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

LOCATION: \_\_\_\_\_

PROJECT LOCATION IS WITHIN THE CITY LIMITS / OR COUNTY LIMITS (CIRCLE ONE) CONTACT

PERSON: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ PHONE: \_\_\_\_\_

**TYPE OF WATER SERVICE REQUESTED**

**Check Appropriate Box**

- Domestic Service . . . . . Estimated Monthly Usage (gallons), Commercial Only
- Fire Service . . . . . Size Fire Service to be Installed
- Combined Fire & Domestic Service . . . . . Size Fire Service to be Installed
- Temporary Service (For Construction) . . . . . GPM Requested

**List number of fixtures to be served below:** \_\_\_\_\_ Predominately Flushometers Public Use: Yes \_\_\_\_\_ No \_\_\_\_\_

- |   |  |   |  |                                   |
|---|--|---|--|-----------------------------------|
| <input type="checkbox"/> Bath Tub           | <input type="checkbox"/> Toilet (Flushometer Type) | <input type="checkbox"/> Wash Sink          | <input type="checkbox"/> Laundry Tub       | <input type="checkbox"/> Hose Bib |
| <input type="checkbox"/> Bathroom Sink      | <input type="checkbox"/> Bidet                     | <input type="checkbox"/> Kitchen Sink       | <input type="checkbox"/> Dishwasher        |                                   |
| <input type="checkbox"/> Shower Head        | <input type="checkbox"/> Urinal Pedestal           | <input type="checkbox"/> Bar Sink           | <input type="checkbox"/> Clothes Washer    |                                   |
| <input type="checkbox"/> Toilet (Tank Type) | <input type="checkbox"/> Urinal Wall               | <input type="checkbox"/> Mop / Service Sink | <input type="checkbox"/> Drinking Fountain |                                   |

LIST OTHERS: \_\_\_\_\_

**Complete the above form and return page 1 to:  
Frankfort Electric & Water Plant Board  
Water Distribution Superintendent – Alan Smith  
E-mail: asmith@fewpb.com  
P.O. Box 308  
Frankfort, Ky. 40601  
Ph. 502-352-4372 Fax: 502-352-4499**

<b>FOR AGRICULTURAL METER ONLY</b>	
_____ GPM – Estimated Maximum	Estimated Flow
_____ Estimated Monthly Usage (gallons),	Commercial Only Flow

**FRANKFORT ELECTRIC & WATER PLANT BOARD FIRE AND/OR  
DOMESTIC WATER SERVICE VAULT REQUIREMENTS --SEE  
ATTACHED DRAWINGS--**

**1. DOMESTIC METER**

A. **PLANT BOARD** will Determine the Size and Type of Meter(s). Location of Meter and Vault Determined by **PLANT BOARD**

B. **PLANT BOARD** will furnish the Meter(s).

1. Customer will Pay Total Cost for Meter(s) Larger than 1".
2. Customer will Pay Flat Rate Fee for 5/8" and 1" Meter.

**2. ADAPTOR**

A. Loose Flange, Flexible Coupling, or Equivalent to aid Meter Removal.

**3. DOMESTIC BACKFLOW PREVENTOR**

A. **PLANT BOARD** will Determine Type and Location of Backflow Preventor.

NOTE: No RPZ devices shall be allowed in vaults.

B. Owner shall provide FPB with Annual Test results of Backflow Devices

**4. ENTRANCE HATCH**

A. **PLANT BOARD** to Approve Hatch Location & Type

1. Heavy Duty Aluminum - East Jordan Iron Works #24241201
2. Heavy Traffic NEENAH # R-6662-KH Series or Equivalent.

B. **PLANT BOARD** will furnish hatch (Material Only) as part of the Work Order.

**5. LADDER**

A. Ladders are required and shall be affixed within vaults.

B. Ladders to be Non-Corrosive Metal.

**6. FLOOR**

A. **Concrete Flooring** shall contain proper drainage or sump pump:

1. Drain with 12" Crushed Stone to French Drain or Daylight.

B. **Crushed Rock Flooring:**

1. Minimum Depth of 12".

**7. VALVES**

A. Valves Shall be Installed where Noted on the Drawings.

**8. FIRE SERVICE BACKFLOW PREVENTOR**

A. Backflow Preventor shall be located within the vault.

B. Backflow Preventor shall have Detection Meter.

C. Backflow Preventor shall have an Approved Double Check Valve Assembly with Check Meter. (Ames, Wilken, Watts, Etc.)

D. Owner shall provide FPB with Annual Test results of Backflow Devices

**9. VAULTS FOR LARGE DOMESTIC METERS AND FIRE SERVICES**

- A. The **PLANT BOARD** will determine the location of the vault for large domestic meters and/or fire services. The Customer shall be responsible for constructing the Fire System Vault and in accordance with **PLANT BOARD** specification.
- B. Vaults and meter setting for 1-1/2" to 2" meters may be supplied and installed by FPB for Domestic Services only.

**10. VAULT PIPING**

- A. All piping within vault shall be ductile iron or rigid copper.

**11. CONCRETE SUPPORTS**

- A. Valves and/or Meters shall be Supported on a Concrete Pier, or a non-corrosive hangers or supports. NO wood allowed as supports.

**12. DOMESTIC BY-PASS**

- A. By-Pass Line shall be a Minimum of 1-1/4" in Diameter.

**13. DOMESTIC SERVICE CONNECTION**

- A. Location - Inside or Outside Vault with preference to inside vault.

**14. FIRE SERVICE TAP OF MAIN LINE**

- A. **PLANT BOARD** to Furnish Material and Labor and Install Tap.
- B. Customer to Pay for Total Cost of Fire Service Installation.

**15. EXTENSION OF FIRE SERVICE LINE**

- A. Fire Service
  - 1. Customer will Pay for Total Cost of Line Extension.

**16. POINT OF OWNERSHIP**

- A. The **PLANT BOARD** will extend the Main to Within Approximately 18" of the Vault Wall.
- B. The Customer will provide Material and Labor to connect his System to the **PLANT BOARD** extension at the Point of Ownership.
- C. Customer will Provide Vault and Piping on the Customer's Side of the Point of Ownership.
- D. **PLANT BOARD** will Install Meter or Meters

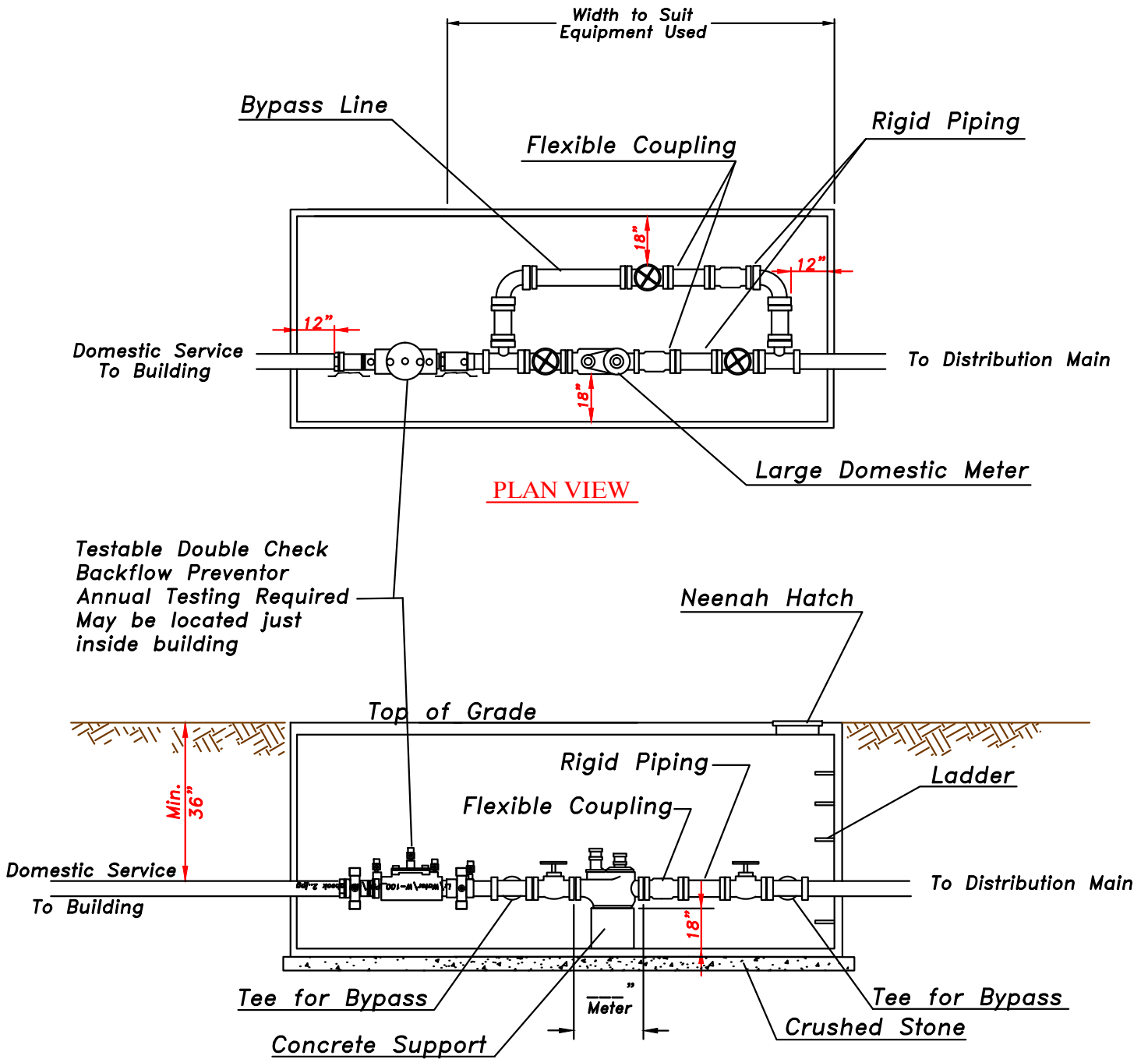
**17. INTERIOR PIPING LENGTHS**

- A. Influent Side of Meter-Length to be a minimum of Three (3) Diameters of Straight Pipe.
- B. Effluent Side of Meter-Length to be a minimum Five (5) Diameters of Straight Pipe.

**18. STRAINER**

- A. Required for Meters Two (2) Inches and Above .
- B. Located on the Influent Side of Meter.
- C. Furnished and Installed by **PLANT BOARD** at Customer's Cost.

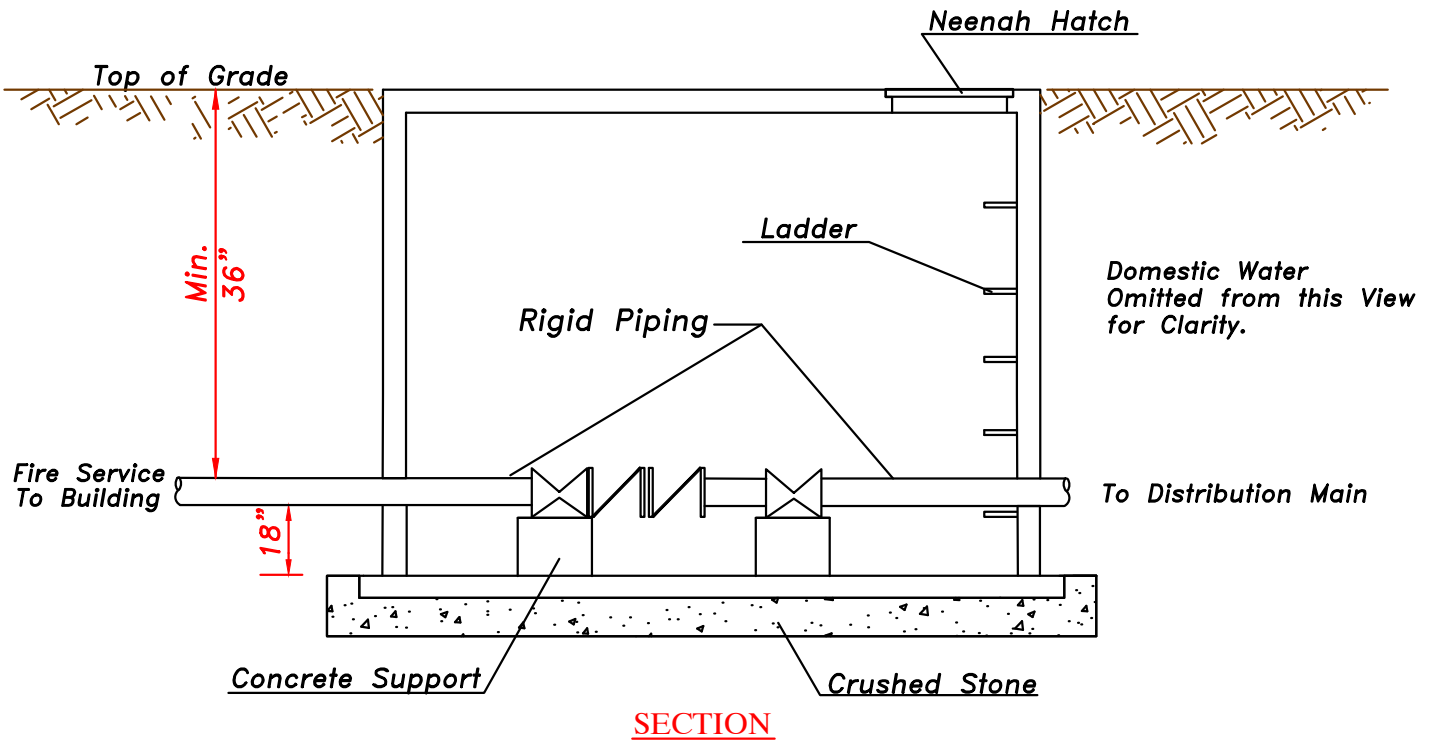
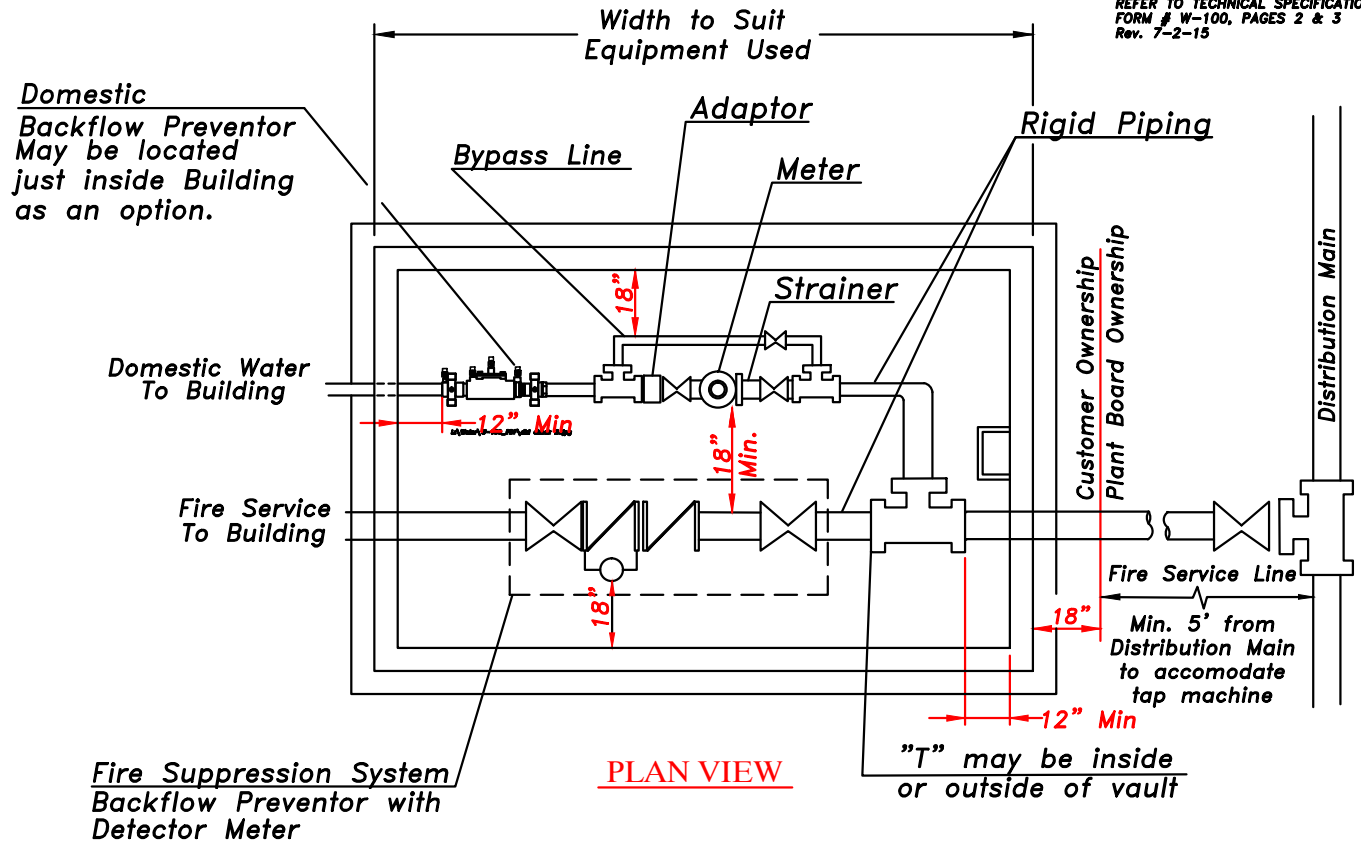
NOTE:  
 REFER TO TECHNICAL SPECIFICATIONS  
 FORM # W-100, PAGES 2 & 3  
 Rev. 7-2-15



**SECTION**

**Large Domestic Meter (1-1/2" - 6")  
 Vault Requirements**

Frankfort Electric & Water Plant Board  
 305 Hickory Drive  
 P.O. Box 308  
 Frankfort, KY 40601  
 Ph. 502-352-4372 Fax 502-352-4499



**Domestic/Fire Service Vault Requirements**

Frankfort Electric & Water Plant Board  
305 Hickory Drive  
P.O. Box 308  
Frankfort, KY 40601  
Ph. 502-352-4372 Fax 502-352-4499