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Section IV – Water Service



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A. Introduction

Water Service will be provided to any customer who makes application for service and is located within our prescribed service boundaries and agrees to take the service in accordance with our Rules and Regulations. The procedure to acquire those services is outlined and described in detail in the following sections. (Reference Flow Chart – Section IV. N-Form5)

B. Criteria for Acquiring Water Service

1. Residential:

See Section II. B for general requirements which are applicable to acquiring of services.

2. Commercial/Industrial:

See Section II. B for general requirements which are applicable to acquiring of services.

Contact Water Engineering for a W-100 Form (Water Demand Sheet) which must be completed prior to the providing of service. Provide to Engineering a final approved and filed copy of the plat showing all required utility easements.

3. Subdivision Developments:

Application for service shall be made by submittal of a letter of request to Engineering including a site development plan, See Section IV. C. Site development plan shall be submitted in *.dwg or *.dxf format on a 3.5" floppy or a CD-ROM. The development shall be tied to the Plant Board's monumentation data and existing land base. Monumentation data packets and land base data are available from Engineering.

This data will be made available to the developer, their engineer or land surveyor to be used for the site development plan at no cost providing the final plat is tied to this data and supplied to engineering in the proper format. If the data is provided at no cost and the development plat is not tied to the data, then the developer is responsible for the cost of the data in accordance with the open records. See Section III. S-18(6).

4. Group of Applicants:

This service applies to a group of applicants who are not classified as a subdivision development.

C. Service Extensions – General Rules

The Board reserves the right to determine the size, type, and manner of construction of any distribution main extension.

1. Feasibility:

The Board shall have no obligation to make extensions of the Plant Board's water lines and facilities except upon a determination of the economic feasibility and desirability of any such extensions, and the authority and responsibility to make such a determination rests solely in the Board.

2. Filing of Maps, Plats, and Easements:

Any applicant desiring an extension of water service to a new development shall file with the Water Engineering Department a copy of all maps, plats, plans and specifications prior to their being submitted to the Planning and Zoning Commission, so that the location of necessary easements and rights-of-way may be determined. Such documents shall be submitted in a timely fashion, prior to any construction or site work, to allow the Water Engineering Department time for any necessary engineering, feasibility studies or material acquisition. Any documents relating to the granting of necessary easements shall be submitted to the Water Engineering Department at the applicant's expense prior to the approval by the Board of the desired extension.

3. Evaluation of Existing Facilities:

The point on the Plant Board's system from which an extension shall be considered to be made shall be that point where adequate capacity exists to provide the requested service at the present time and for the foreseeable future. The fact that a facility may exist in closer proximity to the applicant shall be immaterial if that facility is not of the proper size, type, or configuration to provide the desired service.

4. Engineering Project Development:

Once all documents and easements have been provided, a work order will be developed. A work order consists of drawings, material lists, and construction cost estimates. Service extensions will be designed in accordance with these rules and regulations, applicable codes, and good engineering practices.

5. Change Orders:

Changes or alternations in the scope of the work order, either requested by the customer or required by other factors, will result in a change order. Change Orders may reduce or increase the actual project cost, depending on the nature of the

change. The estimated construction cost will be revised to reflect any change orders.

6. Customer Commitment and Financing:

Depending on the type of extension being made the customer may be required to enter into a contract, advance money, provide facilities, or reimburse the Plant Board following completion of the project. The Plant Board will notify the customer in writing if any of these requirements apply.

7. Construction:

All extensions and/or modifications to existing facilities shall be built by the Plant Board. Title to all extensions and facilities shall vest with the Plant Board. Potable water mains will be designed and constructed with a 10' horizontal and 18" vertical separation from sewers in accordance with state regulations. In the event this separation cannot be satisfied, a variation must be granted from the Department for Environmental Protection. The Plant Board will be responsible for obtaining the variance from the Department of Environmental Protection on any project designed by their Staff which requires a variation.

Potable water mains will be designed and constructed to have a minimum horizontal separation of 3' from natural gas lines.

8. Cost Settlement:

Following completion of the extension, the accounting department will tabulate labor, equipment, material, and miscellaneous costs and forward the figures to Engineering for final review. Any necessary adjustments will be made and the project returned to accounting to initiate the process of billing, refunding, or filing as appropriate.

D. Service Extensions – Specific Types

1. Service to a Single Residential Customer:

A. Distribution Main Extension:

An extension of up to 100 feet shall be made by the Plant Board to any existing distribution main without charge for a prospective residential customer who shall apply for and use Plant Board service, provided existing line is of adequate size and capacity to supply the anticipated usage.

When an extension of any distribution main to serve a residential customer amounts to more than 100 feet, the Plant Board shall require the total cost

of the excessive footage over 100 feet to be advanced (deposited) with the Plant Board prior to the construction of the extension.

The costs of such extension shall be determined by the Plant Board and shall be the best estimate available based on current costs for labor, equipment, and material. In the event the estimated cost is lower than the actual cost, the cost difference shall be required from the applicant prior to the commencement of service. In the event the estimated amount is excessive, the excess amount will be refunded to the applicant. The Board reserves the right to determine the size, type and manner of construction of any distribution line extension.

For Cost Recovery, see Section II, General Service, Subsection F – Water Line Extension Cost Recovery.

B. Service Line Construction:

A new service connection charge entitling the applicant to a service tap and service line of 60 feet or less, meter, meter vault, and the installation thereof, shall be in accordance with the provisions set forth in the appropriate rate schedule. All service lines and meter vaults shall be located within public right-of-way or dedicated easement unless modified by the Plant Board upon recommendation by Staff. Service lines shall be installed from distribution mains to the applicant's meter. This line, meter vault, meter, and cut-off valve shall be and remain the property of the Plant Board.

The Plant Board shall determine the location of the meter vault, meter size and may recommend the size and type of service lines which shall be installed and owned by the customer from the meter vault to the point of consumption, and shall reserve the right to inspect such service lines prior to initiating service to insure compliance with its requirements. If the distance from the distribution main to meter vault location, as determined by the Plant Board, is in excess of 60 feet, the cost of the excess footage shall be paid by the applicant prior to the commencement of service.

The buried portion of a customer's water service from the meter to the point of consumption shall conform to appropriate plumbing standards. It is recommended that no smaller than 3/4" service lines be installed to insure adequate supply and that lines have at least 36" of cover to protect them from freezing. Installation of service line shall be in accordance with local and state plumbing codes.

Each service shall have a cut-off valve that is readily accessible for the customer's use, installed at or near the point where the service line enters a building or immediately inside the building wall.

C. Minor Subdivisions and Land Locked Property

A minor subdivision as defined in the Frankfort and Franklin County Subdivision and Site Plan Regulations is a subdivision not requiring the dedication of streets or other public improvements. The subdivision consists of not over five lots including any remainder that will be retained by the Owner. Where an improved residential property or minor subdivision is located within a reasonable distance of, but not abutting a public road or a public water main extension, the Plant Board may allow such property to receive water service through a private service line installed within a private water easement so long as the following criteria are met:

- I. The Frankfort Plant Board has determined that the installation of a public water main is not in its best interest.
- II. Each lot to be served has been developed as a single family residence. The customer agrees that he/she, their assigns and heirs, will not develop the property beyond the single family residence. The customer agrees that he/she, their assigns and heirs, will not extend their service line to provide anyone else potable water service.
- III. The property to be served must have available to it a minimum 10 feet wide perpetual water service easement that permits the installation of a private water line extending from a public water main to the benefited property.

A copy of the duly recorded easement document (and declaration of restriction limiting further development of the subject property until a public water main abuts it) must be provided to the Plant Board prior to service.

- IV. The maximum length of the private service line shall not exceed 2,000 lineal feet, measured from the Plant Board's meter to the proposed residence.
- V. The Plant Board's meter is to be installed at or near the edge of the public right-of-way or dedicated easement where it's main is located, at its intersection with the private easement, such installation shall be at the customer's cost per the Plant Board's current charge.

- VI. A testable, double check backflow prevention assembly shall be required. It shall be constructed at the meter vault on the customer's side.
- VII. A flushing device shall be required at the end of each service line to accommodate turnover and the removal of stale water during periods of minimal usage.
- VIII. In minor subdivisions, the customer must obtain a letter from the appropriate fire official indicating that the fire department has no objection to the installation of a domestic water service and service line to the property in question, and that the installation of a fire hydrant is not required.
- IX. The customer must obtain and submit copies of all necessary approvals and permits from the local plumbing inspection office and health department.
- X. The customer understands and agrees that the Plant Board is not responsible for installation and maintenance of the private service line from the meter into the residence.
- XI. The customer agrees that in the event the Plant Board, in its sole discretion determines that the customer has violated any part of this Tariff, then the Plant Board shall discontinue service until the customer fully complies with this Tariff.

2. Distribution Main Extension to a Commercial/Industrial Customer:

An extension of up to 100 feet shall be made by the Plant Board to any existing distribution main without charge for a prospective commercial customer who shall apply for and use Plant Board service, provided existing line is of adequate size and capacity to supply the anticipated usage.

When an extension of any distribution main to serve a commercial customer amounts to more than 100 feet, the Plant Board shall require the total cost of the excessive footage over 100 feet to be advanced (deposited) with the Plant Board prior to the construction of the extension.

The costs of such extension shall be determined by the Plant Board and shall be the best estimate available based on current costs for labor, equipment, and material. In the event the estimated cost is lower than the actual cost, the cost difference shall be required from the applicant prior to the commencement of service. In the event the estimated amount is excessive, the excess amount will

be refunded to the applicant. The Board reserves the right to determine the size, type and manner of construction of any distribution line extension.

For Cost Recovery, see Section II, General Service, Subsection F – Water Line Extension Cost Recovery.

3. Service to Subdivision Developments:

An applicant desiring an extension to a new residential subdivision shall be required to advance the entire cost of such extension prior to its construction.

The costs of such extension shall be determined by the Plant Board and shall be the best estimate available based on current costs for labor, equipment, and material. In the event the estimated cost is lower than the actual cost, the cost difference shall be required from the applicant prior to the commencement of service. In the event the estimated amount is excessive, the excess amount will be refunded to the applicant. The Board reserves the right to determine the size, type and manner of construction of any distribution line extension.

4. Distribution Main Extension to Mobile Home Parks:

An extension of up to 100 feet shall be made by the Plant Board to any existing distribution main without charge for a prospective mobile home park which shall apply for and use Plant Board service, provided existing line is of adequate size and capacity to supply the anticipated usage.

When an extension of any distribution main to serve a mobile home park amounts to more than 100 feet, the Plant Board shall require the total cost of the excessive footage over 100 feet to be advanced (deposited) with the Plant Board prior to the construction of the extension.

The costs of such extension shall be determined by the Plant Board and shall be the best estimate available based on current costs for labor, equipment, and material. In the event the estimated cost is lower than the actual cost, the cost difference shall be required from the applicant prior to the commencement of service. In the event the estimated amount is excessive, the excess amount will be refunded to the applicant. The Board reserves the right to determine the size, type and manner of construction of any distribution line extension.

Mobile home parks shall be either master metered or individually metered, at the discretion of the Plant Board. For master meter applications, water meters larger than 1" shall be installed in a vault in accordance with the Plant Board's W-100 form. The applicant is responsible for the acquisition and installation of the vault. No fire protection service will be provided through domestic metering.

For Cost Recovery, see Section II, General Service, Subsection F – Water Line Extension Cost Recovery.

5. Distribution Main Extension to a Group of Applicants

An extension of up to 100 feet shall be made by the Plant Board to any existing distribution line without charge for each prospective customer who shall apply for and use Plant Board service, provided such line is of adequate size and capacity to supply the anticipated usage.

When an extension of any distribution line to serve a group of applicants amounts to more than 100 feet per applicant, the Plant Board shall require the total cost of the excessive footage over 100 feet per applicant to be advanced (deposited) with the Plant Board prior to the construction of the extension.

The costs of such extension shall be determined by the Plant Board and shall be the best estimate available based on current costs for labor, equipment, and material. In the event the estimated cost is lower than the actual cost, the cost difference shall be required from the applicant prior to the commencement of service. In the event the estimated amount is excessive, the excess amount will be refunded to the applicant. The Board reserves the right to determine the size, type and manner of construction of any distribution line extension.

For Cost Recovery, see Section II, General Service, Subsection F – Water Line Extension Cost Recovery.

6. Distribution Main Extension to Apartments:

An applicant desiring an extension to a new apartment building shall be required to advance the entire cost of such extension prior to its construction.

All apartment buildings containing more than eight (8) units shall be master metered. Apartment buildings of eight (8) units or less shall be individually metered in a method and in the manner determined by the Frankfort Electric & Water Plant Board. Apartment Buildings of eight (8) units or less may be master metered at the customer's request. No fire protection services will be provided through domestic metering.

For Cost Recovery, see Section II, General Service, Subsection F – Water Line Extension Cost Recovery.

7. Distribution Main Extension to Condominium Developments:

An applicant desiring an extension to a new condominium development shall be required to advance the entire cost of such extension prior to its construction.

The costs of such extension shall be determined by the Plant Board and shall be the best estimate available based on current costs for labor, equipment and material. In the event the estimated cost is lower than the actual cost, the cost difference shall be required from the applicant prior to the commencement of service. In the event the estimated amount is excessive, the excess amount will be refunded to the applicant. The Board reserves the right to determine the size, type and manner of construction of any distribution line extension.

Condominiums (up to eight units) shall be individually metered in a method and in the manner determined by the Plant Board. Single buildings housing more than eight condominium units shall be master metered. The meters shall be installed at or near the edge of the public right-of-way or dedicated easement where it's main is located. Such meter installation shall be at the customer's cost per the Plant Board's current charge.

For Cost Recovery, see Section II, General Service, Subsection F – Water Line Extension Cost Recovery.

E. Easements:

All water line extensions for distribution purposes shall be within public right-of-way or dedicated utility easements along dedicated ingress/egress routes except as noted hereinafter. Upon recommendation of Staff and approval of the Frankfort Electric & Water Plant Board, water line extensions may be made upon private easement for the purpose of enhancing flow/pressure conditions or for any other justifiable engineering purpose or as required to comply with local, state or federal law. As a condition precedent to the extension of service, the prospective customer(s) shall provide necessary easements and rights-of-way for Plant Board lines necessary to provide the incident service, and necessary to permit egress from the customer(s) property for the purpose of further extensions of the Plant Board's lines. The Plant Board shall have the right to enter upon the property and perform any necessary maintenance or repairs upon its lines or necessary line extensions. The taking of service by a customer shall constitute sufficient notice and acceptance of all terms and conditions of service herein set forth. However, in some instances the terms and conditions of service shall be set forth in a contract between the parties.

F. Criteria for Changes to Existing Water Facilities:

In any alteration in a customer's premises which necessitates the relocation of a meter or service equipment in order to maintain its accessibility, the customer shall be required to pay the costs associated therewith.

When a service is significantly altered it shall be considered as a new service for the purpose of any required inspections.

Alteration or relocation of existing facilities of the Plant Board requested by and for the benefit of customers or third parties may be made, at the discretion of the Plant Board, provided the requesting or benefiting party shall pay the entire costs associated with such alteration or relocation.

No such alteration or relocation shall be made in any case if to do so would adversely affect the Plant Board's system.

G. Metering

1. Measuring Customer Service:

Plant Board Meters – Except for fire service and special or temporary services, all water services will be rendered on a metered basis. Metering equipment is owned by the Plant Board. Any tampering with metering or service equipment or the Plant Board's seals affixed thereto shall subject the offending party to penalties, including possible criminal prosecution and/or permanent discontinuance of service. All meters are read and billed separately, and each metering point shall be regarded as a separate service. Meter readings taken at separate points may not be combined for the purpose of obtaining a lower rate.

Private Meters (Sub-Metering) – Section 2 of 401 KAR 8:020 allows for sub-metering under limited circumstances. Customers engaging in the practice shall follow the provisions set forth in the administrative regulation, as may be revised from time to time, and shall inform the FPB in writing so that the Board is aware of the practice. Sub-meters are not property of the Plant Board to operate, read, or maintain.

2. Location of Meter:

The water meter location shall be determined by the Frankfort Plant Board. This location will generally be at the property line or edge of dedicated easement. In all cases, Meters shall be accessible to Plant Board employees. Every effort will be made by the Plant Board to maintain the integrity of property pins. Water meter vaults will not knowingly be set on boundary corners. It will be the responsibility of the property owner or developers, to field locates and stake the location of property pins. In the event a property pin is destroyed during the construction process, the property owner or developer will be notified. The customer will be required to verify on our water meter location form, the final grade of their property in the vicinity of the proposed meter vault. The purpose of verifying the final grade is to avoid requests to adjust the elevation of the top of the vault after construction is completed. If a customer requests the adjustment of the

meter vault after construction, a flat rate fee of \$195.00 will be assessed to the customer.

3. Meter Testing:

Any customer who thinks his metering equipment is in error may request a test to determine the accuracy of such equipment, provided such request is made no more frequently than once each year, and provided he deposits with the Plant Board an amount to cover a portion of the cost of the tests in accordance with the schedule of charges contained in Section IV. L-9:

If the accuracy of the metering device so tested is within the standards as set by the American Water Works Association (AWWA), the amount deposited shall be retained by the Plant Board. If the accuracy is outside the AWWA standards, the amount deposited by the customer shall be refunded and an appropriate adjustment to his bill shall be made for the period of time during which the inaccuracy is known to have existed, but in no case longer than 12 months.

4. Agricultural Meter:

Available to customers who have applied for the service and provided a letter from the Sewer Board, exempting them from sewer charges. The customer will pay an installation and connection charge prior to the start of construction.

The Frankfort Plant Board may require a back-flow device, if in its own discretion, deems one necessary in the interest of water quality. Annual testing of the back-flow device shall be performed by a certified tester and results submitted to the Water Distribution Department.

5. Water Bill Adjustments:

Adjustments presented to the water committee will be reviewed with the following guidelines:

A. Underground Leaks:

In those instances where excessive usage of water results from a leak in a customer's water service line (from the meter to the dwelling foundation), and such leak is underground, concealed, and impossible for the customer to have had knowledge of, the Plant Board, at its discretion may bear the expense of one-half of the estimated cost of the excessive usage for the two (2) most recent bill cycles that the leak occurred, upon the presentation of evidence of the detection and repair of the leak. The amount of excessive usage will be based upon the

previous 12-months average usage. If 12-months of billing information is not available, the average of the available water usage data will be utilized. Only one water adjustment will be made per calendar year per account.

B. Faulty Inside Plumbing Leaks:

In instances where excessive usage of water results from faulty inside plumbing (i.e. faucets, toilets, water heaters, etc.) the Frankfort Plant Board, at its discretion may bear the expense of one-half of the estimated cost of the excessive usage for the bill cycle that the leak occurred, upon presentation of evidence of the detection and repair of the leak. The amount of excessive usage will be based upon the previous 12-months average usage. If 12-months of billing information is not available, the average of the available water usage data will be utilized. Adjustments for leaks created by faulty inside plumbing will not be considered unless usage exceeds 300 percent of the average usage. Leaks that occur must be repaired within one (1) billing cycle by either the customer or the property owner in order to be considered. Leaks reported to Landlords and not repaired within one (1) billing cycle will not be considered. Leaks not repaired within one (1) billing cycle may be considered for adjustment if customer was out of town or away from home during occurrence and can provide documentation to prove out of area (i.e. plane ticket, receipts for gas while out of town, or for rental car, etc.) Only one (1) adjustment for faulty inside plumbing will be made per calendar year per account.

C. Vacant Homes:

Adjustments for empty rental properties or vacant homes will not be considered – water should either be turned off or adequate heat should be in structure.

D. Vandalism:

Adjustments for vandalism will not be considered – customer should report to insurance agency if owner – or property owner if renting.

E. Gardening:

Adjustments for gardening/lawn maintenance will not be considered.

F. Swimming Pools:

Adjustments for filling swimming pools will not be considered.

H. Service Extensions for Fire Suppression Service:

1. General:

The Frankfort Plant Board shall not be considered in any manner an insurer of persons or property against loss or damage by fire or otherwise and shall be exempt from any and all claims for damages by reason of fire, water, failure to supply water or pressure or for any other cause whatsoever.

The Frankfort Plant Board reserves the right to determinate the size, type, and manner of construction of any service extension.

Title to the service connection from the main to the pit and any required check-meter contained therein shall be installed by and be the property of the Plant Board. The valve pit and continuing service lines and appurtenances shall be installed by and be owned by the applicant.

Annual testing of the back-flow device shall be performed by a certified tester and results submitted to the Water Distribution Department.

2. Hydrant Flow Tests:

Single hydrant flow tests from the most recent flushing schedule is available from the Water Distribution Department upon request. Two hydrant flow tests may be provided upon receipt of a \$206.00 test fee. Any person requesting single or two hydrant flow tests must provide a signed copy of the FPB Statement of Limitations (Form #6) to the Water Distribution Department.

3. Sprinkler Service:

A sprinkler service connection is furnished for the purpose of supplying water for the extinguishment of accidental fires only and the use of water from such a connection for any other purpose is absolutely forbidden. At its option, the Frankfort Plant Board may require the setting of a meter, at the applicant's expense to monitor the sprinkler service connection.

The entire cost of the sprinkler service extension shall be paid in advance by the applicant. This cost will be determined by the Plant Board and shall be the best estimate available based on current costs for labor, equipment, and materials. In the event the estimated cost is excessive, the excess amount shall be refunded to the applicant; in the event the estimated cost is insufficient, the balance shall be required from the applicant prior to the commencement of service.

4. Fire Hydrant Service:

Applicable rules and regulations for sprinkler service extensions shall apply to extensions required for the installation of fire hydrants. Fire hydrants shall be of a type approved by the Plant Board and meet established specifications.

5. Main Upgrading:

In the event a requested extension for a fire service or a fire hydrant would require the upgrading of the Plant Board's main, the applicant will be required to bear the cost of such upgrading.

I. Temporary Water Service:

Temporary water service shall not normally be provided. However, permanent service will be installed for use during construction provided the final grade has been established and all trenching in the vicinity of the meter vault has been completed.

If these conditions have not been met and an applicant desires water service to be used during construction, it shall be furnished, provided the applicant shall deposit \$100 with the Plant Board until the completion of construction as surety against damage or destruction of the meter vault and service equipment.

Refer to Subsection L9, Hydrant Meter Service, for rates and charges.

J. Water System Cross-Connection:

The interconnection of the Plant Board's water system with any other water supply such as wells or cisterns is absolutely prohibited.

No cross-connection shall exist on the customer's premises which would allow infiltration or back-flow into the Plant Board's water lines of any substance whatsoever.

Periodic inspections may be made by Plant Board personnel on the premises of customers to detect the presence of inadvertent cross-connections, and if any should be found they shall be immediately eliminated and the cost therefore shall be borne by the customer.

K. Emergencies

Customers are directed to call (502) 352-4372 for any emergencies associated with potable water service. This number is available 24 hours a day, 7 days a week.

L. Rates & Charges:

1. Customer Service Charges:

Meter Size	Service Charge Per Month – Effective 7/1/23
5/8 inch	\$10.28
¾ inch	\$16.03
1 inch	\$26.77
1.5 inch	\$53.53
2 inch	\$85.60
3 inch	\$160.53
4 inch	\$267.53
6 inch	\$535.00
8 inch	\$856.00

2. Water Service to Residential, Commercial or Industrial Customers:

A. Rates Within City Limits are available to any customer within the corporate limits of the City of Frankfort.

Customer Classification	Rates	Effective Date
Residential	\$5.55 per 1,000 gallons	8/1/18
Commercial	\$4.80 per 1,000 gallons	8/1/18
Industrial	\$3.33 per 1,000 gallons	7/1/23

B. Rates Outside City Limits are available to customers outside the corporate limits of the City of Frankfort, Kentucky.

Customer Classification	Rates	Effective Date
Residential	\$6.49 per 1,000 gallons	8/1/18
Commercial	\$4.80 per 1,000 gallons	8/1/18
Industrial	\$3.33 per 1,000 gallons	7/1/23

C. Customer Classifications are defined below for any customer, who abides by the Rules and Regulations of the Plant Board who is located on an existing main or secondary line of the Plant Board's distribution system.

I. Residential:

Any single family residential unit or home, maintained as a primary domicile, supplied through one meter to each individual unit or home.

II. Commercial:

Any non-residential single unit, multi-family unit, commercial business, business entity, institution, governmental agency, or farm supplied through one or more meters.

III. Industrial:

Any non-commercial, industrial customer engaged in the process of manufacturing of a product, supplied through one or more meters who has a minimum average demand of 700,000 gallons per month based on a 12-month period.

3. New Service Connection Fees for Domestic Meters:

Rates Effective 7/1/15			
Meter Size	Meter Installation Cost	Tap Fee	Total Fee
5/8" Meter	\$759.00	\$635.00	\$1,394.00
1" Meter	\$1,336.00	\$635.00	\$1,971.00
Meters Over 1"	Actual Cost	\$635.00	Tap Fee plus Actual Installation Cost

4. Fire Hydrant Service:

Fire Hydrant Service is available to the City of Frankfort, Kentucky, to Agencies of State Government, to County Government, and to Private Customers who contract for such service who abide by applicable Rules and Regulations of the Plant Board. Available only where mains or secondary lines are of adequate capacity and suitably located to provide the service. Otherwise, the applicant shall be required to pay the cost of any necessary extension in accordance with Service Extensions for Fire (Sprinkler) Service and Fire Hydrants.

Type of Service - Plant Board will provide hydrants meeting the following specifications: Traffic Model; open left; 6" M. J. base inlet; NS Thread Sizes; on 4 1/2" steamer nozzle; two 2 1/2" hose nozzles. Any deviation from these specifications will require prior Plant Board approval.

The cost of installation shall be borne in advance by the applicant, and shall be the cost which has been determined within the preceding twelve months.

Monthly Hydrant Service – Rate Effective 7/1/13	\$3.67
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The City of Frankfort shall be required to pay in advance, one-half of the cost of installation or for the cost of materials used, whichever is less. The balance shall be billed to the City at the end of the Plant Board's Fiscal Year.

5. Fire Sprinkler Service:

Fire Sprinkler Service is available to any customer within the Service Area of the Plant Board who contracts for such service and who abides by applicable rules and regulations of the Plant Board. Available only where mains or secondary lines are of adequate capacity and suitably located to provide the service. Otherwise, the applicant shall be required to pay the cost of any necessary extension in accordance with the rules associated with water main extensions for fire suppression service.

Type of Service - Main taps from Plant Board mains to customer's property lines in sizes 6", 8", or 10". Previously installed lines less than 6" in size will continue to be served until such time as they may be changed or modified, at which time 6" shall be the minimum acceptable size.

Installation charge - The cost of installation shall be borne in advance by the applicant.

Line Size	Monthly Service Rate – Effective 8/1/18
2”	\$12.03 per Month
3”	\$24.06 per Month
4”	\$45.00 per Month
6”	\$89.97 per Month
8”	\$119.93 per Month
10”	\$149.95 per Month
12”	\$187.49 per Month

6. Resale – Non Water Producers:

Specific terms and conditions of the water service shall be set out in a contract between the parties.

Effective Dates	Rates
11/1/17	\$2.55 per 1,000 Gallons

7. Resale – Other Water Producers:

Specific terms and conditions of the water service shall be set out in a contract between the parties.

Effective Date	Rate
8/1/18	\$3.94 per 1,000 Gallons

8. Agricultural Meter:

Available to customers who have applied for the service and provided a letter from the Sewer Board exempting them from sewer charges. Agricultural meters are for lawn irrigation and agricultural purposes. The customer will pay an installation and connection charge prior to the start of construction.

New Service Connection Fees for agricultural meters:

Rates Effective 7/1/15			
Meter Size	Meter Installation Cost	Tap Fee*	Total Fee
5/8"	\$1,324.00	\$635.00	\$1,959.00
1"	\$1,509.00	\$635.00	\$2,144.00
Over 1"	Actual Cost	\$635.00	\$635.00 Tap Fee Plus Actual Installation Cost

* A Tap Fee will not be charge to an existing water customer acquiring an agricultural meter for the same location.

For those customers wanting their agricultural water service disconnected during periods of non-use, a reconnection charge will apply to reactivate service:

Effective Date 7/1/16	
Reconnection Charge	\$68.00

9. Hydrant Meter Service:

Hydrant Meter Service is available to customers wanting temporary construction or commercial activities as approved by the Water Distribution Superintendent.

Service requested for construction activities:

Deposit	5/8" or 1" - \$215.00
	3" – \$1,000.00
Rate	\$7.88 per 1,000 gallons – above 7,500 gallons
Minimum Bill	\$59.10 – includes first 7,500 gallons
Service Charge	\$58.00 per Request

10. Meter Testing:

If the accuracy of the metering devices so tested is within the standards as set by the American Water Works Association (AWWA), the amount deposited shall be retained by the Plant Board. If the accuracy is outside the AWWA Standards, the amount deposited by the customer shall be refunded and an appropriate adjustment to this bill shall be made for the period of time during which the inaccuracy is known to have existed, but in no case longer than 12 months.

5/8" or 3/4"	\$104.00
1" through 2"	\$104.00
Larger than 2" and all Compound meters	\$178.00

11. Water Loading Station:

Loading Station Service is available to Water Haulers or other customers using the Filter Plant's Water Loading Station facilities.

Rates Effective 8/1/17	\$7.88 per 1,000 Gallons
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12. AMI Opt Out:

AMI Opt Out Charge	\$21.00 per Meter
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13. Gratis:

Rates Effective 8/1/17	\$0.911 per 1,000 Gallons
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14. Kentucky River Authority Fee:

Rate applies to all customer classifications.

Rates Effective 6/20/2018	\$0.29 per 1,000 Gallons
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M. Deposit Schedule

Residential		
Dwelling Type	Water	Sewer
Apartment (Gas)	\$20.00	\$20.00
Apartment (Electric)	\$20.00	\$20.00
Trailer (Gas)	\$20.00	\$20.00
Trailer (Electric)	\$20.00	\$20.00
House (Gas)	\$25.00	\$30.00
House (Electric)	\$25.00	\$30.00
Temporary Service		
Type of Service	Water	Sewer
Temporary Service	\$100.00	N/A

N. Form W-100

WORK ORDER # _____

FORM: W-100

Rev. 2-27-2020

**FRANKFORT ELECTRIC & WATER PLANT BOARD
 INFORMATION SHEET FOR FIRE AND/OR DOMESTIC SERVICE VAULTS
THIS SHEET TO BE COMPLETED BY CUSTOMER OR CUSTOMER REPRESENTATIVE
IT IS THE RESPONSIBILITY OF THE CUSTOMER/CUSTOMER REPRESENTATIVE TO SUPPLY
THIS DOCUMENT TO THE PLUMBING/MECHANICAL CONTRACTOR**

BY: _____ DATE: _____

COMPANY/OWNER NAME: _____ PHONE: _____

ADDRESS: _____ E-MAIL: _____

PROJECT NAME: _____

LOCATION: _____

PROJECT LOCATION IS WITHIN THE **CITY LIMITS** **COUNTY LIMITS**

CONTACT PERSON: _____ PHONE: _____

CONTRACTOR: _____ PHONE: _____

WATER SERVICE REQUESTED

Domestic Service.....	_____	Est. Monthly Usage in Gallons (Commercial Only)
Fire Service.....	_____	Size Fire Service to be installed
Combined Fire & Domestic Service.....	_____	Size Fire Service to be installed
Other (Provide Description Below).....	_____	Maximum GPM Requested
Other: _____		

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"/>	Other: _____
<input type="checkbox"/>	Shower Head	<input type="checkbox"/>	Urinal Pedestal	<input type="checkbox"/>	Bar Sink	<input type="checkbox"/>	Clothes Washer	<input type="checkbox"/>	Other: _____
<input type="checkbox"/>	Toilet (Tank Type)	<input type="checkbox"/>	Urinal Wall	<input type="checkbox"/>	Mop / Service Sink	<input type="checkbox"/>	Drinking Fountain	<input type="checkbox"/>	Other: _____

Complete Page 1 and return via email.

Further Questions Contact:
 Brain Bourne, Asst. Water Superintendent
 Email: bbourne@fewpb.com
 305 Hickory Drive
 Frankfort, KY 40601
 Ph: 502-352-4432 Fax: 502-352-4499

FOR AGRICULTURAL METER ONLY

_____ GPM- Estimated Maximum Flow

_____ Estimate Monthly Usage in Gallons

Commercial Only

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

1. DOMESTIC METER

A. **PLANT BOARD** will determine:

1. Meter(s) Size
2. Meter(s) Type

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

1. Customer Responsibility
 - (1) Total Cost (Material and Labor) for Meter(s) Larger than 1" -Or-
 - (2) Pay Flat Rate Fee for 5/8" or 1" Meter

2. ADAPTOR

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

3. DOMESTIC BACKFLOW PREVENTER

A. **PLANT BOARD** will determine Type and Location of Backflow Preventer

NOTE: NO RPZ devices shall be allowed in vaults

B. Owner shall provide **PLANT BOARD** with Annual Test results of Backflow Devices

4. ENTRANCE HATCH

A. **PLANT BOARD** to Approve Hatch Location and 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 Material

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 Floor –

1. Shall be a Minimum Depth of 12"

7. VALVES

A. Valves shall be installed where noted on the detail drawings, see pages 5 and 6.

8. FIRE SERVICE BACKFLOW PREVENTER

- A. Backflow Preventer shall be located within the vault
- B. Backflow Preventer shall have Detection Meter
- C. Backflow Preventer shall have an Approved Double Check Valve Assembly with Check Meter (Ames, Wilken, Watts, Etc.)
- D. Owner shall provide **PLANT BOARD** 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** specifications.
- B. Vaults and meter settings for 1-1/2" to 2" meters may be supplied and installed by **PLANT BOARD** for Domestic Services only.
- C. Fiberglass/Polymer Concrete Vault provided for 1-1/2"& 2" may be supplied and installed by **PLANT BOARD** for Domestic or Agricultural Meters. Cost to be included in Work Order.

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, non-corrosive hanger 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, labor and install tap.
- B. Customer to Pay TOTAL Cost of Fire Service Installation

15. EXTENSION OF FIRE SERVICE LINE

- A. Fire Service
- B. Customer will pay 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. **PLANT BOARD** will make customer's connection at the Point of Ownership. Materials and Labor will be in the Work Order Cost.
- C. Customer will provide vault and piping on the Customer Side Point of Ownership

17. INTERIOR PIPING LENGTHS

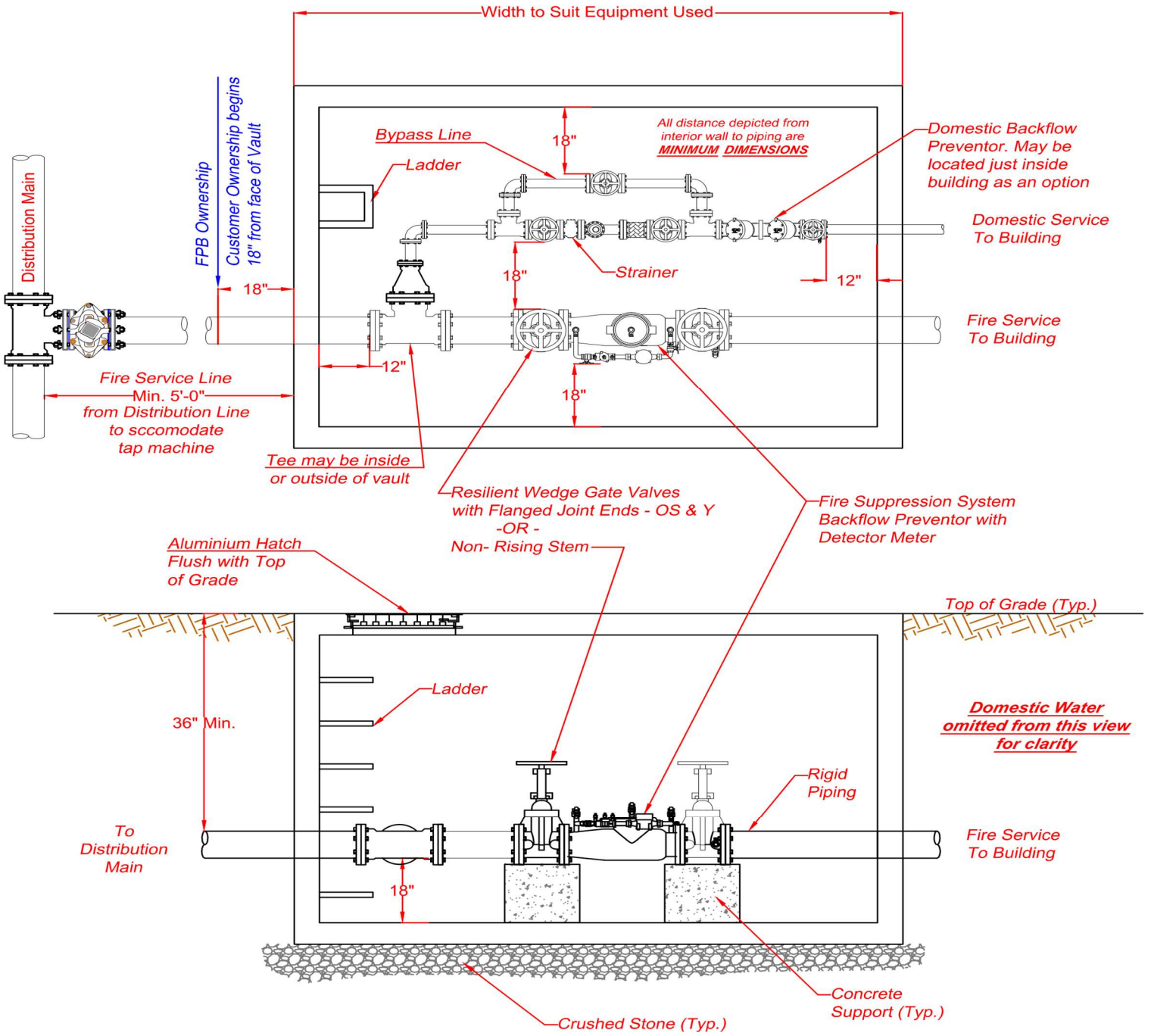
- A. Influent Side of Meter
 - 1. Length to be a minimum of Three (3) Diameters of Straight Pipe
- B. Effluent Side of Meter
 - 1. Length to be a minimum Five (5) Diameters of Straight Pipe

18. STRAINER

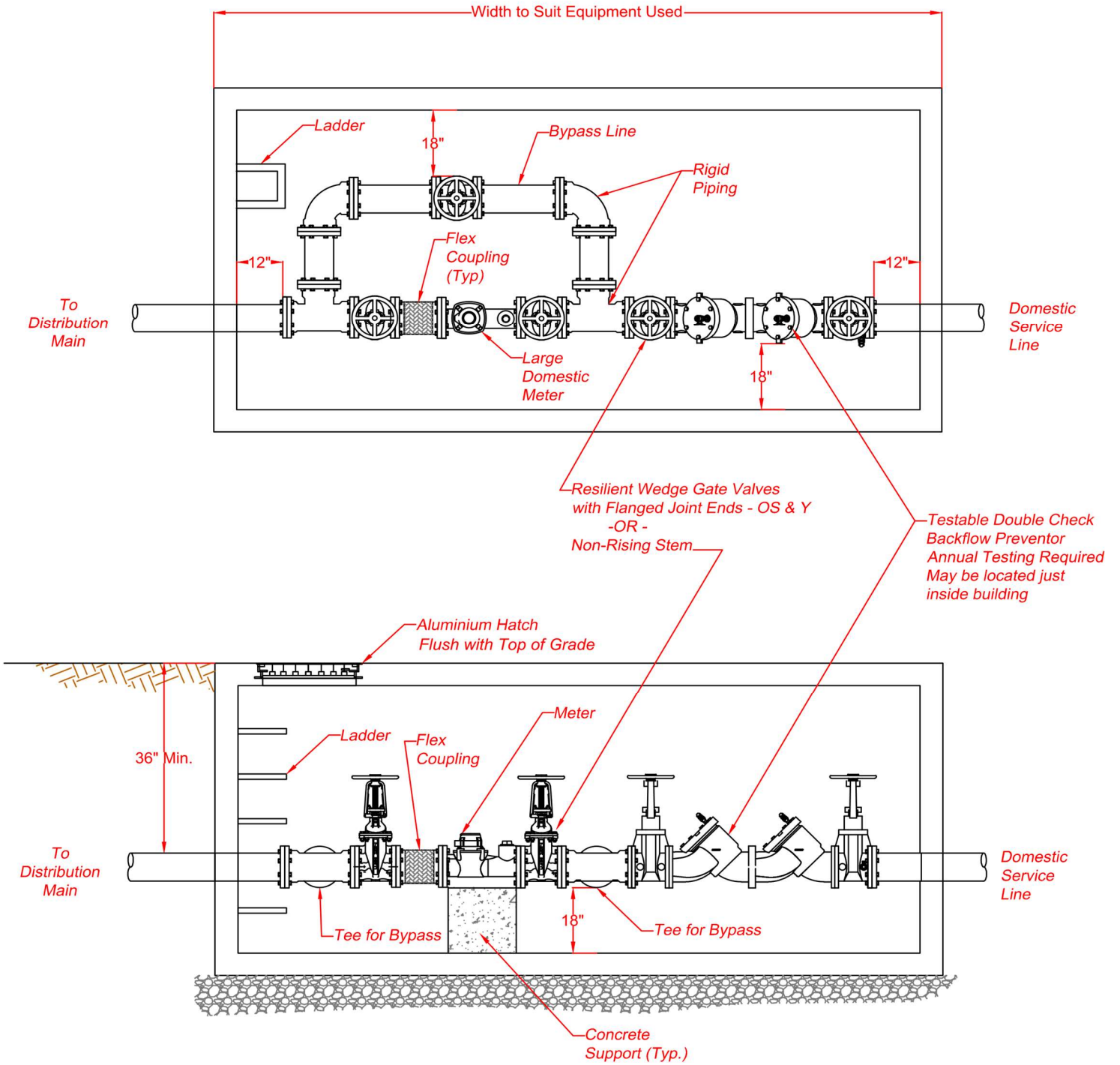
- A. Required for Meters Two (2) and Above
- B. Located on the Influent Side of Meter
- C. Furnished and Installed by **PLANT BOARD** at Customer's Cost

19. DOMESTIC/FIRE VAULT AND/OR LARGE DOMESTIC VAULT DETAILS

- A. Required as part of Bid Documentation



Detail
Domestic/Fire Vault Requirements
N.T.S.



Large Domestic Meter (1-1/2"-6") Vault Requirements N.T.S.

O. Water Meter Location Form

FRANKFORT ELECTRIC AND WATER PLANT BOARD
Water Meter Location

LOCATION: Work Order
Drawing No. _____

Water Dept.
Employee _____ Date _____

GRADE BY: Owner: _____ Phone No. _____
(Signature)

Owner's
Representative _____ Phone _____
(Signature)

SERVICES: Meter or Meter No.(s) _____ Meter Only _____

Service Line and
Vault Installation Size: _____

CALL BUD 1-800-752-6007 Before Digging

LOCATION SKETCH:

- G - Gas (yellow)
- T - Telephone (orange)
- S - Sewer (green)
- E - Electric (red)
- W - Water (blue)
- C - Cable (purple)

The cost of any damage to vault or service during construction is the responsibility of the signer of service and any monies shall be paid prior to any permanent service.

NOTE: It is the responsibility of the property owner or developer to field locate and stake the property pins. In the event a property pin is destroyed during construction, the property owner or developer will be notified.

(Signature)

service No. _____

White Copy - Water Dept.
Green Copy - Engineering
Canary Copy - Service
Blue Copy - Customer

Lot No. _____
Address _____
Subdivision _____

March 24, 1998

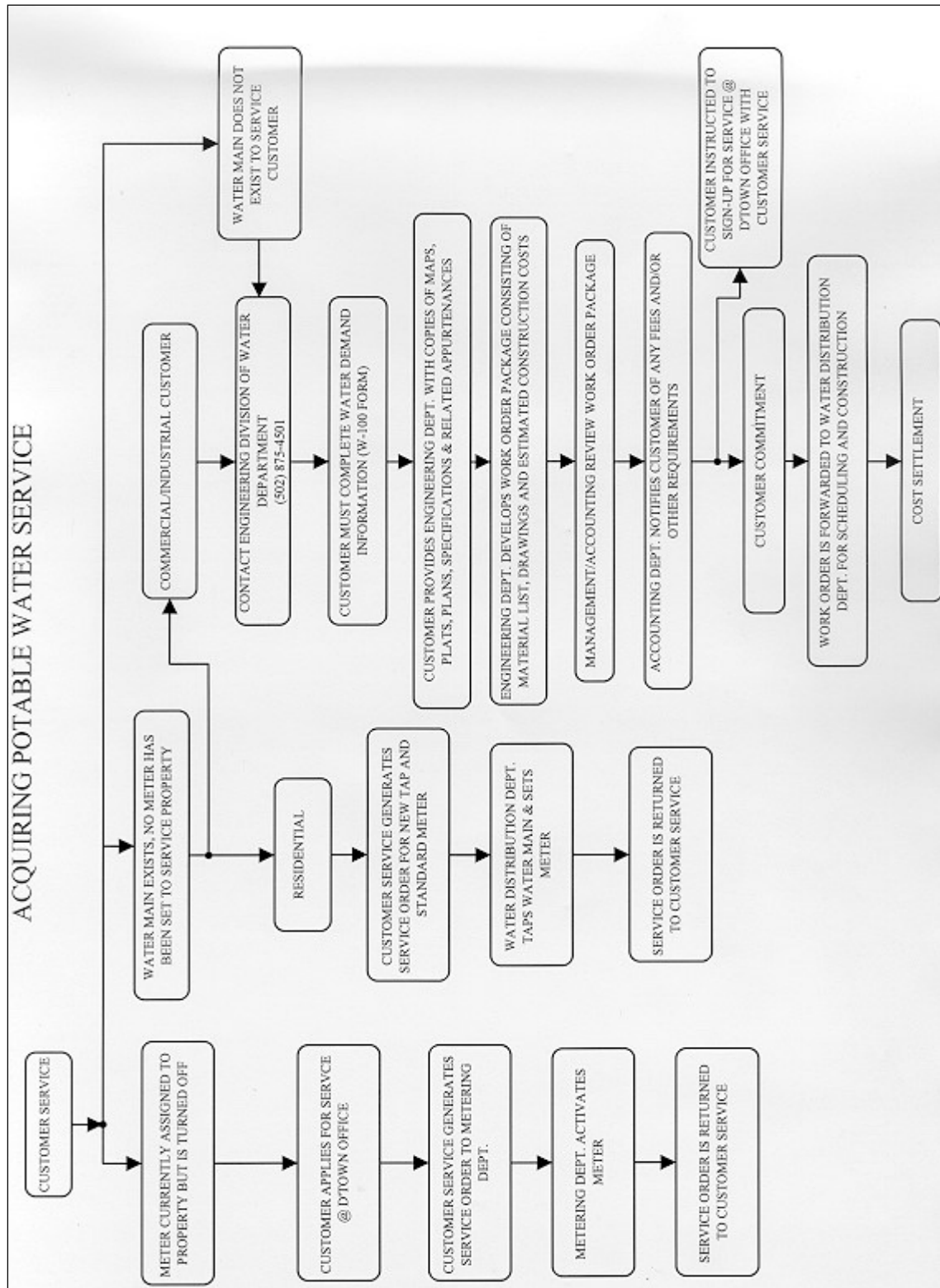
Dear Sirs:

The water meter reading for Account No. _____ located at _____ indicates _____ gallons of water have been consumed in the period of _____ This seems excessive for your account. If you are not aware of this consumption, please feel free to call our Customer Service Department at 223-3401.

Frankfort Electric & Water Plant Board

Equal Opportunity / Affirmative Action Employer

P. Acquiring Potable Water Service Diagram



Q. Statement for Limitations for Fire Flow Tests

FORM #6

FRANKFORT ELECTRIC AND WATER PLANT BOARD STATEMENT OF LIMITATIONS FOR FIRE FLOW TESTS

(A) The Electric and Water Plant Board of the City of Frankfort, KY (hereinafter "FPB"), upon request accompanied by a deposit equal to the established fire flow test fee, will cause fire hydrants to be flowed at a designated location in the water service area. Methodology follows generally accepted waterworks practice and is based upon the National Fire Protection Association (NFPA) Standard for Fire Hydrant Flow Testing. Residual pressure measurements are obtained at the unused outlet nozzle of the fire hydrant being flowed and are assumed to be approximately the same as velocity (pitot) pressure measurements.

(B) Flow test requests are presented following NFPA guidelines; flow rate of 1,000 gpm or above are rounded to the nearest 100 gpm and flows below 1,000 gpm are rounded to the nearest 50 gpm.

(C) The results of any hydrant flow test depend on the time the test was conducted. Hydraulic flow availability at each location varies hour to hour and day to day throughout the year depending on system operating conditions, system demand, and valve status. **THEREFORE, FLOW TEST RESULTS REPRESENT HYDRAULIC AVAILABILITY AT THE TIME OF TEST, AND CAN BE EXPECTED TO CHANGE, SOMETIMES SIGNIFICANTLY.**

(D) FPB does not know or pretend to know the exact pressure or flow availability at any time or location in the water supply system. The flow test results merely indicate the pressure and flow availability for the indicated date, time, and location recorded on the fire flow test summary sheet.

(E) Customer agrees to defend, indemnify and hold FPB and its respective officers, directors and employees harmless from and against any and all liability, loss, damage, claim, causes of action and expense (including reasonable attorney's fees) including but not limited to, claims for consequential damages, made against FPB or its respective officers, directors and employees by any third person or entity relating in any manner to the fire flow test performed by FPB.

LIMITATION OF LIABILITY

(A) FPB'S MAXIMUM AGGREGATE LIABILITY TO CUSTOMER FOR ANY AND ALL CAUSES WHATSOEVER RELATED TO THE SERVICES WILL BE LIMITED TO AN AMOUNT NOT TO EXCEED A REFUND OF THE FIRE FLOW TEST FEE.

1 of 2

DISCLAIMER OF WARRANTIES – INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE:

FPB GIVES NO WARRANTY, EXPRESS, IMPLIED, OR STATUTORY, IN CONNECTION WITH THE FIRE FLOW TEST OR RESULTS THEREOF, INCLUDING BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR USE.

IN PARTICULAR, WITHOUT LIMITING THE FOREGOING, FPB DOES NOT WARRANT THAT THE FIRE FLOW TEST OR RESULTS WILL BE ERROR FREE AND SPECIFICALLY DISCLAIMS ANY RESPONSIBILITY FOR THE ACCURACY OR QUALITY OF THE DATA OBTAINED THROUGH THE FIRE FLOW TEST.

I CERTIFY THAT I HAVE READ AND UNDERSTAND THE ENTIRE CONTENTS OF THIS AGREEMENT AND THE LIMITATIONS FOR FIRE FLOW TESTS, THAT I HAVE HAD AN OPPORTUNITY TO REVIEW THIS AGREEMENT WITH MY ATTORNEYS AND ADVISORS AND AGREE TO ALL TERMS AND CONDITIONS CONTAINED HEREIN.

Customer

THE ELECTRIC AND WATER PLANT
BOARD OF THE CITY OF
FRANKFORT, KY