

# Domestic and Irrigation Connection Requirements

## Application, Contractor Licensing, and Permitting Information:

1. A service application must be completed for all domestic or irrigation connections. Application for service may be obtained from: [http://www.lawrenceks.org/utilities/technical\\_resources](http://www.lawrenceks.org/utilities/technical_resources) or by contacting Utilities Administration at 785-832-7800.
2. System development charges apply to all domestic and irrigation service connections. System development charges are assessed as set forth in Chapter 19, Article 9 of the Code of the City of Lawrence, Kansas: [http://www.lawrenceks.org/city\\_code](http://www.lawrenceks.org/city_code)
3. Front footage fees may apply, Contact Utilities Administration at 785-832-7800 for verification of applicable front footage fees.
4. Domestic or irrigation connections larger than 1 inch must be performed by a qualified contractor. A qualified contractor must be licensed with the City of Lawrence as a Class E Plumbing Contractor and meet all applicable requirements as set forth in Chapter 5, Article 15 of the Code of the City of Lawrence, Kansas: [http://www.lawrenceks.org/city\\_code](http://www.lawrenceks.org/city_code)
5. North 3<sup>rd</sup> Street, North 2<sup>nd</sup> Street, 6<sup>th</sup> Street, Iowa Street, and 23<sup>rd</sup> Street are state highways. Please note that the owner must obtain an approved state work in right of way permit prior to construction: [http://www.ksdot.org:9080/DOT\\_304\\_Hwy\\_permit.pdf](http://www.ksdot.org:9080/DOT_304_Hwy_permit.pdf)
6. Any new water main (fireline or water service) placed within the right of way requires an application for work in right of way: [http://www.lawrenceks.org/adminservices/pdffiles/Use\\_of\\_ROW\\_Application\\_2009.pdf](http://www.lawrenceks.org/adminservices/pdffiles/Use_of_ROW_Application_2009.pdf).

## Site Plan Requirements and General Information:

1. A site plan must be submitted for all domestic or irrigation connections. The site plan must show, at a minimum, the following information:
  - a. The service address and general site layout.
  - b. The layout of the proposed service line, including tap location, pipe size and material.
  - c. The size, location, and pipe type of the existing watermain from which service will be taken.
  - d. The location and size of the backflow prevention assembly and vault, if applicable.
  - e. The location of the meter pit or vault, as applicable.
2. The meter tile should be placed at the property line, within the right of way. If water meter cannot be located within right of way, an easement must be dedicated that encompasses the water service from the main connection to, and including, the water meter tile.
3. Meters 3 inch and larger must be placed in a concrete vault. The vault should be adjacent to the right of way, but within private property.
4. The size of water service will be forwarded to Development Services to verify that the water service size and layout meet the plans submitted to Development Services. It will also be sent to Historical Resource Administrator and Public Works to verify that there are no additional requirements. This typically applies to services greater than 1 inch in size.
5. Proper cross connection control must be provided in accordance with Chapter 19, Article 7 of the Code of the City of Lawrence, Kansas and adopted plumbing code(s).

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6. Backflow prevention is required for all irrigation services in accordance with Chapter 19, Article 7 of the Code of the City of Lawrence, Kansas. Backflow prevention devices shall be commensurate with the hazard posed.
7. Fire hydrant flow data is available on request, 785-832-7800.
8. All materials for the public portion of the service line must conform to City of Lawrence Construction and Material Specifications, current edition:  
[http://www.lawrenceks.org/utilities/technical\\_resources](http://www.lawrenceks.org/utilities/technical_resources).
9. Contact the Project Engineer at Department of Utilities at 785-832-7800 for site specific questions.

### Installation Information – Services 1 inch and Smaller:

1. All services 1 inch and smaller will be installed by the Department of Utilities.
2. All services installed by the Department of Utilities are subject to personnel availability and may be influenced by unforeseen demands elsewhere in the distribution system. Please allow six weeks for the completion of a service installation.
3. Services will be scheduled for installation following receipt of a completed application for service, service installation agreement, and payment of all applicable system development charges, front footage, or other fees.

### Installation Information – Services 1 1/2 inch and Larger:

1. All services larger than 1 inch must be installed by a qualified contractor.
2. The contractor must provide construction material submittals for the public portion of the service line. The submittals will be reviewed by the Department of Utilities for conformance with the waterline specifications and details. The standard details and specifications can be found online at [http://www.lawrenceks.org/utilities/technical\\_resources](http://www.lawrenceks.org/utilities/technical_resources).
3. Written authorization to proceed will be given by the Project Engineer at the Department of Utilities following verification of an executed service agreement, payment of all applicable charges and fees, review and approval of all material submittals, and verification that other departmental requirements, if applicable, have been met.

### Construction Requirements:

1. The contractor must provide at least 24 hours notice to the Utilities Engineer to schedule inspection.
2. Development Services inspection of the private portion of the water service line is required.

### Inspection and Warranty Requirements:

1. An inspection fee of \$37.11 per hour will be charged for inspection of the portion of work from the water main tap to the property line.
2. The owner shall pay the contractor in full prior to final acceptance of the work by the Department of Utilities.
3. There will be a one year warranty period for the public portion of the water service line.