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| <b>ENGINEERING</b><br>(763) 572-3554<br>(763) 571-1287 fax | <b>WATER AND SEWER<br/>         PERMIT APPLICATION<br/>         CITY OF FRIDLEY</b><br><small>EFFECTIVE 12/21/2016</small> | PERMIT No.: _____<br>RECEIVED BY: _____<br>DATE REC'D: _____ |
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APPLICATION DATE: \_\_\_\_\_ YOUR E-MAIL/FAX: \_\_\_\_\_

THIS APPLICANT IS:     OWNER     CONTRACTOR

JOB ADDRESS: \_\_\_\_\_

NEW CONSTRUCTION PERMIT# (IF APPLICABLE): \_\_\_\_\_

|                              |  |
|------------------------------|--|
| <b>PROPERTY OWNER/TENANT</b> | NAME: _____<br>ADDRESS: _____ CITY _____ STATE _____ ZIP _____<br>PHONE: _____ |
|------------------------------|--|

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| <b>CONTRACTOR<br/>SUBMIT A COPY OF<br/>YOUR STATE<br/>LICENSE WITH<br/>APPLICATION</b> | NAME: _____<br>ADDRESS: _____ CITY _____ STATE _____ ZIP _____<br>PHONE _____ CELL PHONE: _____<br>STATE LIC # _____ STATE BOND: _____ EXP DATE: _____ |
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1. Will work take place in City ROW?  Yes  No If yes, ROW registration is required – see Engineering.
2. Provide written description of proposed work: \_\_\_\_\_
3. Attach plan/sketch showing proposed work with existing curb, utilities, trees, buildings, etc. with dimensions.
4. Circle type of erosion control measures to be installed to prevent disturbed soils from eroding:  
      Silt Fence      Bio-rolls      Erosion Blanket      Sodding      Other: \_\_\_\_\_
5. Provide minimum of 2-hour notice for inspection (8:00AM – 4:30PM) and call in the following order:  
**(763) 238-8058, (763) 572-3556, (763) 238-8056, (763) 238-8051 or (763) 427-1212**
6. Refer to “Construction Requirements for Water and Sewer Work” on back of page.
7. Stipulations: \_\_\_\_\_

**PERMIT TYPE**

SEWER REPAIR/CONNECTION PERMIT     SEWER DISCONNECT PERMIT \$50.00 \_\_\_\_\_  
 WATER REPAIR/CONNECTION PERMIT     WATER DISCONNECT PERMIT \$50.00 \_\_\_\_\_  
 ADD INSPECTION FEE \$40.00 FOR EACH PERMIT \_\_\_\_\_  
 ADD STATE SURCHARGE \$1.00 FOR EACH PERMIT \_\_\_\_\_

**TOTAL \$** \_\_\_\_\_

**OTHER CHARGES (IF APPLICABLE) PAY TO UTILITY BILLING**

NEW WATER METER COST – SEE UTILITY BILLING  
 SPECIAL ASSESSMENTS – SEE FINANCE  
 WATER TAP – SEE ENGINEERING

NOTE: WATER METER REPAIR, INSP OR SHUT-OFF / (EVENINGS, WEEKENDS & HOLIDAYS )      \$125/HOUR-BILLED

THIS IS AN APPLICATION FOR A PERMIT-NOT VALID UNTIL PROCESSED

I hereby apply for a water or sewer permit and I acknowledge that the information above is complete and accurate; that the work will be in conformance with the ordinances and codes of the City of Fridley. I understand this is not a permit but only an application for a permit and work is not to start without city approval of this permit application, unless emergency repair is required.

SIGNATURE OF APPLICANT \_\_\_\_\_ PRINT NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**COPY GIVEN TO:**  UTILITY BILLING (only if new meter)     PUBLIC WORKS     ENGINEERING

**City of Fridley**  
**Engineering Department**  
 6431 University Avenue NE, Fridley, MN 55432  
 (763) 572-3554  
 FAX: (763) 571-1287  
**“GOPHER STATE ONE CALL” (651) 454-0002 FOR UTILITY LOCATES**

## Construction Requirements for Water and Sewer Work

### General

The Contractor shall notify the City for inspection of pipe installation prior to backfill. Pipe inspections include but are not limited to connections to existing service pipe, connections to City owned pipe or manholes, tees, valves, curb stops, corporations, wet taps, bends, mechanical restraints and hydrants.

Protect City infrastructure facilities (curb, manhole, pavement, striping, etc) from damage and loss of foundation support. Loss of foundation support is identified as excavation within the 1:1 slope from the bottom of the structure. Surface damage or loss of foundation support shall result in **replacement of facility or degradation fee** as determined by the City (Fridley Code 407.11).

Backfill material shall be compacted in 1 foot lifts (gross) using a mechanical compactor. **Upper 4' of utility trench sides shall be excavated and compacted at 1:1 slope unless engineered shoring is installed prior to excavation and approved by the City.** Trench sides deeper than 4' exhibiting loss of lateral density (i.e. cave in, sloughing, undermining, cracking, etc) shall be excavated and recompacted as approved by the City. The City may consider a 5 year bond in lieu of the additional excavation and compaction required to achieve uniform density. Contractor shall comply with current OSHA excavation provisions and CEAM Standard Utility Specifications (2013 Ed.). All new residential and commercial construction to meet with the City prior to construction.

Horizontal directional drilling shall require the televising of other pipe in the vicinity to verify no damage has occurred.

Excavations within ROW require density of backfill materials to be 100% in the upper 3' and 95% below the upper 3'. Density shall be verified by one of the following methods as allowed by the City:

- City approved soil testing company (2 test minimum) or;
- Granular soils may be flooded with 2' of water twice (5' and 2' from grade) or;
- Visual observation during backfill by City (hourly cost of \$75 to observe during 8am – 5 pm, M-F).

Reconstruct pavement patch area:

- Sawcut pavement as marked by City – contractor to coordinate marking with City
- Residential street - 6" Cl. 5 aggregate and 3" LV4 bituminous asphalt (2 lifts)
- Non-residential street – 8" Cl. 5 aggregate and 4" MV3 bituminous asphalt (2 lifts)
- Match existing patch sections if greater than the above minimums.
- Winter Patching – contractor required to install CL5 as above and 2" cold-mix asphalt to grade

Provide traffic Control per MMUTCD. If 2-way vehicle travel (22' minimum width) is not maintained, contractor shall provide a MnDOT certified flagger to direct traffic or provide detour as approved by the City. If work impedes a pedestrian travelway (i.e. sidewalk, bike path, etc.) Contractor shall provide a pedestrian detour route in accordance with ADA rules and regulations.

### Sewer

Non-gasketed pipe connections shall use a Fernco 5000 Series Strong Back RC Coupling where applicable. Contractor shall use a Fernco Eccentric Series Coupler for differing pipe diameters. Flow lines shall be maintained level and continuous by aligning the inside walls of the two pipes. Single band Fernco couplings to have a 12"x12"x1" minimum concrete base for support.

**CIPP** (cure in-place pipe lining) must meet the minimum ASTM standards: ASTM 1216, ASTM D-638 and ASTM D-790. Minimum thickness of liner to be 4.5 mil. The service line must be cleaned, televised and recorded before and after installation. No protrusion of liner into the City sewer main is acceptable. A post-installation video shall be submitted to the City. If a copy of the video is not available an inspector will view the televising of the new liner with the Contractor. Televising must be completed before the installation is approved. **Pipe bursting or horizontal directional drilling** work requires a plan showing existing utilities and location of installation pits. Contractor shall meet with a representative from the City Engineering Department before beginning work.

Disconnection of service pipe shall be plugged at property line with a Fernco Qwik cap and marked with a 4" x 4" post. All pipe shall be removed within the property unless otherwise approved by the City.

### Water

Flaring existing copper is **not allowed**. Contractor shall silver solder or use pack joint coupling compression fittings to make connections to existing copper services. Contractor shall notify owner of inoperable curb stop requiring repair (Fridley Code 402.06). Approved repair materials are as follows: Copper Type K – ASTM B 88, PEX ASTM-F876/877 or EndoPure PE- 3408-200 PSI

Disconnection shall typically be on building side of curb stop. Contractor shall leave a 1' stub and silver solder the end closed. Curb stop shall be opened fully for 5 minutes and checked for leaks by the City. Contractor shall correct any leakage of the curb stop or 1-ft stub and retest. All pipe shall be removed within the property unless otherwise approved by the City.

### Erosion Control

Disturbed soils shall be stabilized within 7 days after completion of work. Disturbed vegetated areas shall be backfilled with 4" of topsoil meeting MnDOT 3877.2A, seeded and mulched prior to Contractor leaving the work site. Erosion control measures shall be installed to stabilize and prevent exposed or disturbed soils from eroding off-site or into a waterway. **Contractor shall identify erosion control measures to be used on front of permit.**