



Community Development Department

200 EAST WOOD STREET • PALATINE, IL 60067-5339

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Water Service Pipe Size Worksheet- Residential (Flush Tank Only)

This form is required to be submitted for any residential project that proposes to add additional plumbing fixtures. The addition of plumbing fixtures could result in the need to increase the existing water service size.

Incomplete forms will not be accepted.

Address of Project _____ Owner Name _____

Existing Water Service Size _____

Verified by: _____ Licensed Plumber _____ License #
Signature required _____ Architect of Record _____ License #
Signature required _____

Proposed Water Supply Fixture Units (Calculation)

Per Illinois State Plumbing Code-Section 890, Appendix A, Tables M and N

| | |
|------------------------|-------------------|
| Water Closet (Toilets) | 3 x _____ = _____ |
| Lavatory | 1 x _____ = _____ |
| Bathtub | 2 x _____ = _____ |
| Shower | 2 x _____ = _____ |
| Kitchen Sink | 2 x _____ = _____ |
| Dishwasher | 1 x _____ = _____ |
| Laundry Tub | 3 x _____ = _____ |
| Clothes Washer | 2 x _____ = _____ |

Total _____ = _____ W.S.F.U.

Required Pipe Size (check the appropriate box)

| | | |
|-------------------------------------|----------------|---------------------|
| <input type="checkbox"/> | 1/2" service | (2 - 7 W.S.F.U.) |
| <input checked="" type="checkbox"/> | 3/4" service | (8 - 19 W.S.F.U.) |
| <input type="checkbox"/> | 1" service | (20 - 34 W.S.F.U.) |
| <input type="checkbox"/> | 1 1/4" service | (35 - 59 W.S.F.U.) |
| <input type="checkbox"/> | 1 1/2" service | (60 - 119 W.S.F.U.) |

Please consult the Village of Palatine Fee Schedule for the costs associated with increasing the existing water service size.