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2019 CERTIFICATE OF WATER AVAILABILITY

CITY OF RENTON
6TH Floor Customer Service
1055 S Grady Way, Renton, WA 98057
Phone: (425) 430-7200 Fax: (425) 430-7300

TO BE FILLED OUT BY APPLICANT: **Date of Request** _____

Applicant's Name: _____ Phone No. _____

Mailing Address: _____

City_____ State _____Zip Code _____

Email address _____

Proposed Use (Check one):

☐ Proposed Single Family Home ☐ Short Subdivision Number of Lots_____

☐ Other
(specify)_____

Location/ Address: _____

King County Tax Account No: _____

THIS APPLICATION SHALL INCLUDE A COPY OF THE PROPOSED SITE/PLOT PLAN.

INFORMATION PROVIDED BY CITY OF RENTON WATER UTILITY ENGINEERING:

1. ☐ The Water System has a current Water Comprehensive Plan approved by Washington State Department of Health.

2. ☐ Water service will be provided by the City of Renton by a water service line and a water meter connecting to an existing _____ (size) water main located within_____ and that is approximately _____ feet from the site. Reference water project no._____

3. ☐ The static water pressure from the above-described water main is about _____ psi at the existing street elevation. Uniform Plumbing Code requires the installation of a private pressure-reducing valve downstream of the water meter when static pressure exceeds 80 psi.

4. ☐ City records show a water service stub and meter to the property ☐ Yes ☐No

5. ☐ Water service will require an improvement to the water system of:

   ☐ (1) Installation of _____ feet of _____ (size) water main to reach the site; and/or

   ☐ (2) Other (describe) _____

6. ☐ The rate of flow from the above-described water main is:

   ☐ Less than 500 gpm (approx. _____ gpm)

   ☐ 500 to 999 gpm

   ☐ 1000 gpm or more for a duration of _____ hours.

7. ☐ The proposed development lies within the water service area of (water district name) _____; therefore, the applicant shall contact the District/ Agency at (phone) _____ and request a certificate of water availability.

   The certificate of water availability shall be submitted to the City of Renton with the building permit application.

8. ☐ See additional information on attached letter dated _____

9. ☐ Water service will be provided subject to payment of all applicable water system development charges (SDC) and of water meter installation charges. Fees are subject to changes without notice by passage of applicable City Ordinances.

	Meter Size*(see note below)	2019 Water System Development Charge
☐	5/8" x 3/4"	$4,050.00
☐	1"	$4,050.00

***The sizing of the water meter and of the water supply line to the building shall be determined in accordance with the latest City adopted Uniform Plumbing Code (Section 610) criteria for sizing of meter and building supply line. The applicant shall verify that minimum pressure can be maintained when water service is flowing at anticipated maximum levels and shall increase the size of the meter and size of the private water service line as necessary to reduce friction losses and drop in water pressure. A larger size meter (minimum 1-inch) will be required if a residential fire sprinkler is required for the building.**

10. ☐ Payment of all applicable water meter installation fees:

☐	1-inch full installation by City forces of the service line from the main line to a 3/4"x 5/8" or to a 1" water meter	$2,875.00
☐	3/4" meter "drop-in" by City	$ 400.00
☐	1" meter "drop-in" by City	$ 460.00
☐	1 ½" full installation of service line from main line to meter by City	$4,605.00
☐	1 ½" meter "drop-in" by City	$ 750.00

Other:_____

CONDITIONS AND REQUIREMENTS FOR FIRE HYDRANT(S) AND/OR RESIDENTIAL FIRE SPRINKLER SYSTEM

1. All new single family dwelling(s) having a "fire flow calculation area" (i.e.: the total floor area of all floor levels within the exterior walls, and under the horizontal projections of the roof of a building) **not exceeding 3,600 square-feet** must have a fire hydrant within 300 feet of the building. The fire hydrant and connecting main line must able to able to deliver a minimum flow rate of 1,000 gallon per minute (gpm).
2. New single-family dwelling(s) having a "fire flow calculation area" (i.e.: the total floor area of all floor levels within the exterior walls, and under the horizontal projections of the roof of a building) **exceeding 3,600 square-feet** will require the installation of two hydrants within 300 feet of the building, along with connecting water mains capable of delivering the required minimum fire flow demand (estimated between 1,500 gpm and 2,000 gpm).
3. It is the responsibility of the owner/developer to verify by field measurement, whether the proposed single family dwelling is located within the 300 feet distance from an existing fire hydrant. The distance shall be measured from the hydrant, and along the traveled portion of the roadway, private access road, and driveway to the proposed structure.
4. If the proposed structure is located more than 300 feet from the existing hydrant, the owner/developer is required to install a new hydrant in front of the property, or at a location within 300 feet of the proposed structure. The new fire hydrant and connecting main line must able to able to deliver a minimum flowrate of 1,000 gallon per minute (gpm). The final location of the new hydrant must be approved by the Renton Fire Marshal.
5. If the proposed structure is located within 300 feet from an existing fire hydrant and the hydrant does not meet current City standards (i.e.: 3-port hydrant with 6-inch lead), the owner/developer is required to replace the existing hydrant with a new fire hydrant meeting current City's standards. The new fire hydrant and connecting main line must able to able to deliver a minimum flow rate of 1,000 gallon per minute (gpm).
6. When the available flow rate from an existing hydrant and connecting water main is greater than 500 gpm and less than 1,000 gpm, the owner/developer may install a residential fire sprinkler system for the proposed single-family dwelling. The fire sprinkler system shall be designed and installed by a certified fire sprinkler designer/contractor and the sprinkler design plans must be submitted for review and approval by the Fire Marshal. Separate permits will be required for the design and installation of the fire sprinkler system. In addition, the proposed building must be within 300 feet of an existing fire hydrant.
7. When the available flow rate from an existing hydrant and connecting water main is less than 500 gpm, the owner/developer is required to install a new water main and hydrant per City's standards. The new water main shall extend from an existing water main capable of delivering 1,000 gpm, and along the frontage road to the extreme boundary of the property line. Civil design plans for the water main extension shall be done by a professional engineer, licensed and registered in the State of Washington. Plans must be submitted to the City for review and approval. Separate utility construction permits will be required for design review and for installation of the water main extension.

I hereby certify that the above water utility information is true. This certification shall be valid for one year from date of signature.

CITY OF RENTON WATER UTILITY ENGINEERING _____

Signatory Name Phone

_____ _____

Signature Date