



Core Design, Inc.  
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Suite 300  
Bothell, WA 98011



**WATER AVAILABILITY CERTIFICATE  
Building Permit**

For Property: 18512 Meridian Court N In: Shoreline Map No: 203

Parcel ID: 3235350040

Requested for: Building Permit Rec'd by SPU: 02/22/2019

Developer:

Project Description: Project already has an APPROVED WAC # 20180824. Site has since increase unit count. Project Description: Now An 11-unit townhome development within 2 buildings. Parcel; 3235350040.

**This Certificate is:**

**Approved; Building Permit may be approved at this time.** Property owner may order water service after meeting all service requirements. No change to the water distribution system is required. (see Water Service Requirements.)

Certificate Prepared by: A K Certified by: Abdi Kenan Date: 03/06/2019

This Water Availability Certificate ID No. 20190329 shall be valid for no more than 18 months from the date of certification. Changes after certification date may alter requirements.

**Fireflow or other Seattle Fire Department requirements may alter water availability at any time.  
Water availability requirements will change if existing system cannot support desired water service.**

**EXISTING WATER SYSTEM INFORMATION**

**Water Service(s):**

Size: 1" Type: Domestic Material: Copper Meter: Active

**Pressure Zone:** 590 Elevation: 432 Static Pressure: 68 psi

Recommended design pressure is 20 psi less than static pressure.

Proximity of nearest fire hydrant is: 236 feet S of Property. Rate of flow at nearest hydrant is approximately: 2300 gpm at 20psi for 4 or more hours, based on: Flow Simulation

**Comment:**

Modeled hydrant location: In Corliss Ave N +/- 70 feet south of N 185th St. Static pressure: 63 PSI. Flow: 2300 GPM. Modeled Date: 5/10/2004 If more current data is required for design purposes, please contact Seattle Public Utilities Development Services Office at 206 684 3333 or spu\_dso@seattle.gov to request a hydrant flow test.

**PN 190037**

Property: 18512 Meridian Court N WAC ID No: 20190329

Parcel ID: 3235350040

**Water Main:**

Size: 8 inches Material: Cast Iron Class: 150 Year: 1964

- Standard
- Abutting

Water Main is available to serve in: Meridian Ave N  
Distance of main to N margin of street is 21 feet.  
Public ROW width is 60 feet.

**New Meter Location:** Meridian Court N

The water system is in conformance with a County approved water comprehensive plan, and has water right claims sufficient to provide service.

The proposed project is within Seattle's water utility's direct service area.

**Water Service Requirements:**

- The maximum allowable size for new fire service is the same size as the main when the main is part of a looped system or one size smaller when there is not a looped system, the largest available fire service is 8 inches. The maximum allowable size for irrigation, domestic, and combination services is one size smaller than the main; the largest available domestic or irrigation service size is 6 inches; and the largest available combination service is 10 inches.
- One meter will serve the domestic water needs of a single legal parcel. If the legal parcel is shortplatted prior to approval for occupancy after final inspection of the building permit, then separate meters will be required for each legally described parcel. This may necessitate the installation of a water main by the developer.
- The property owner is responsible for the installation, maintenance and liability of the service line from the City union near the meter to the building served. New water service piping from the City union to the building must be inspected by SPU prior to covering. For an inspection, call (206) 684-5800.
- For new water services, Property owner must sign SPU's Application and Agreement for Water Service, pay all connection service charges, and other charges which may or may not be listed below, and submit the legal description of the property to be served. Apply for service at 700 5th Ave., 27th floor. Seattle, WA 98104. The time between the service order and installation varies depending on workload, service size and type. Wait times are approximately 100 days; call SPU\_DSO at (206) 684-3333 for the current projected wait time.
- Customers are required to install an approved air gap or reduced pressure backflow assembly (RPBA/RPDA) on all water service connections posing a high health cross-connection hazard (pursuant to WAC 246-290-490). Backflow prevention is also required on water service connections such as fire services, irrigation services, buildings exceeding three stories or 30 ft. in height above the meter (measured to the highest water fixture), and may be required for other water services. SPU and KCHD (King County Health Dept) are the administrative authorities engaged in a joint program identifying actual and potential cross-connections between the public water supply and possible sources of contamination. For answers to specific cross-connection control questions or to request an inspection, please call (206) 684-3536.
- Prior to ordering a new water meter that will serve a back lot, a recorded easement with a minimum width of 5', dedicated for water services shall be provided. If more private water lines will be installed in any portion of an easement, 1' addition of easement width must be allowed for each additional private water line. The easement must be continuous from the water meter to the parcel or unit lot served by that meter. SPU does not install manifolds for 1.5" and larger services and they shall require individual taps.
- Underground piping through an easement, from the City union to the property line, must be either type K or L copper, or Ipex Kitec (PE-AL-PE) and fittings.

**Required Payments:**

- A calculated Connection Charge may apply when any new water service is ordered.
- When required by the Fire Department, or when requested by the developer, standard charges for hydraulic modeling or a hydrant flow test are due.
- Standard charges are due when any new water service is ordered, or when any existing water service is retired or re-established.
- For questions regarding standard charges or other fees for water service, please contact Seattle Public Utilities Development Services Office at 206-684-3333.

**General Comments:**

- One domestic water meter is allowed to serve one legal parcel. A subdivision must be approved with address(es) assigned prior to ordering additional water service(s). Please provide detailed plans of water services at time of ordering new meter(s). Please realize that water requirements may change when desired water service is requested.
- If the proposed project changes after this review of Water Availability, or if the current plan submitted to SPU does not detail the entire scope of the proposed project, water requirements

may change and a new Water Availability Certificate will need to be issued to supersede the Water Availability Certificate which is based on incomplete or modified data.

- Customers connected to sewers in the King County (KC) service area are subject to the KC capacity charge. Contact King County at (206) 296-1450 or CapChargeEscrow@kingcounty.gov for more information.

For a single SPU water service and then a master meter supplying an HOA-Owned water main to the entire site (as shown in the marked-up site plan) add one 30" line valve with an 8" bypass assembly in N 185th St, near the east margin of Burke Ave N. If individual taps are required east of Burke, then a second 30" valve is required in N 185th St east of Meridian.