



REQUEST FOR UTILITY REVIEW – WATER AVAILABILITY
 P. O. Box 8900 (8600 N.E. 117 Ave) Vancouver, WA 98668
 (360) 992-8022 Email: wateradmi@clarkpud.com

APPLICANT INFORMATION

DATE: 12/24/2020

NAME Zachary Crum/ BCRA Design
 ADDRESS 2106 Pacific Ave Suite #300
 CITY Tacoma STATE WA ZIP 98402
 TELEPHONE (360) 695-1385 EMAIL mikeo@olsonengr.com

Notification Method: Email Type of Development: Commercial
 Number of Units: Unspecified

Property Location

Serial Acct. No 195925-000
 Property Address 16015 NE 50th Ave, Vancouver, WA (or nearest cross street)
 Property Size 20 Acres Required Fire Flow TBD GPM

PLEASE SUBMIT PLAT MAP WITH REQUEST

GENERAL CONDITIONS FOR SERVICE (CPU Staff Only)

Clark Public Utilities is the water purveyor for this site. No site plan was submitted with this review request so comments are general in nature and subject to change pending a full site plan review.

There is an existing 8" C-900 PVC water main within NE 50th Ave, an existing 12" C900 PVC stub within NE 159th Street. See attached Clark Public Utilities (CPU) water distribution map for reference.

The nearest fire hydrant FH-2706 is located across NE 50th Ave from the site. The fire flow in the near vicinity has not been recently been calculated. Fire flow has been calculated at FH-2706 as 2405 at 20 psi. Static water pressure is expected to vary between 95 psi to 110 psi depending on site elevation, system demand and reservoir levels. Due to higher anticipated static pressure, private pressure reducing valves are recommended for each structure. If updated fire flow data is required, please contact Water Services at (360) 992-8022.

Depending on site access and development layout, public water to the site is available by connecting to the existing 8" water main within NE 50th Street and/or the 12" water main within NE 159th St. Looping may be required depending on the site use or design. A minimum 8" water main should be extended on site. If fire protection is not required, a minimum 4" water main may be acceptable. Install proper fire protection (i.e. hydrants and building sprinkler systems) as required by the Fire Marshal. An easement shall be granted to Clark Public Utilities for all water mains and services (up to the meter) located within private property.

Proper state approved backflow devices will be required for all domestic, fire and landscape water services. All hot taps shall be performed by a Utility approved contractor. The Developer is responsible for costs associated with the service and fire protection installation, right-of-way permitting, and any other needed water improvements.

Submit full engineering plan set for further requirements and comments.

- Licensed Civil Eng. Drawing Required for Clark Public Utilities approval prior to construction
 Easement Required
 Clark Public Utilities has the capacity to serve, if the above conditions are met
 Developer/Owner shall pay County Right-of-Way fees based on off-site improvements

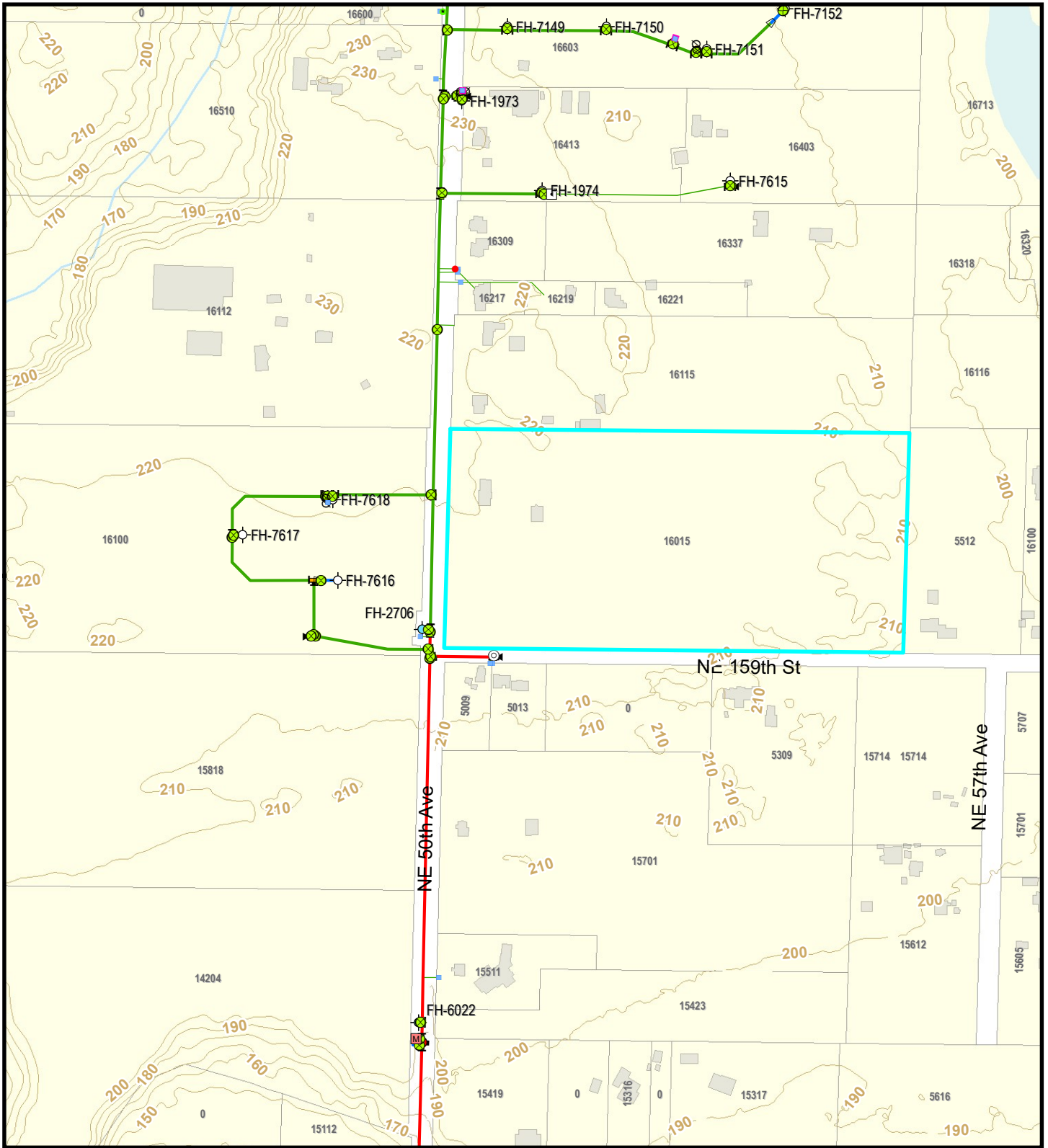
Review comments are subject to modification during detailed plan check and review.

This utility review is valid for six months after the date of signature below.

Tonya Dow
 Tonya Dow, PE

12/24/20

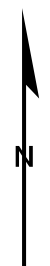
REVIEWED BY _____ DATE _____



Legend

Unknown	8"	Butterfly, Closed	Air Release	Cross	Reservoir	Fire Flow At 20psi
2"	10"	Butterfly, Open	Check	Tee	Booster Pumping Station	Not Tested
3"	12"	Gate, Closed	Double Check	Cap and Thrust Block	Satellite Well	1 - 499
4"	14"	Gate, Open	Blow Off	Reducer	Production Well	500 - 999
6"	16"	Abandoned Valve	Pressure Regulating Valve	Coupling		1000 - 1499
Water Service		Water Meter	Valve Book	Tapping Sleeve		1500 - 7981

1 inch = 400 feet



OPERATIONS MAP

Printed on: 12/24/2020 Printed by: TonyaD

MAP NUMBER
3218-S