



COMMISSIONERS
MONTE RODEN
BONNIE DECIUS
MICHELLE HOLLIS

APPLICATION AND AGREEMENT TO ALLOW CONSTRUCTION OF EXTENSION TO FACILITIES

TO: BEACON HILL WATER AND SEWER DISTRICT

The Developer, hereby makes application to Beacon Hill Water and Sewer District, Cowlitz County, Washington ("the District"), for permission to construct and install an extension to the District's water and/or sewer facilities in the public right-of-way under the District's franchise, and/or upon easements approved by the District, and to connect to the District's sewage collection system for the project referenced below:

1. LOCATION OF EXTENSION

Name of Plat/Project _____

2. LEGAL DESCRIPTION

A copy of the plat must be attached and must include a legal description including any encumbrances, and by this reference is made a part of this Application.

3. DEVELOPER

Company

Main Contact

Address

Phone

Fax

E-Mail

4. ENGINEER

Company

Main Contact

Address

Phone

Fax

E-Mail

Applicants Signature

Date

General Manager Approval

Date

BEACON HILL WATER AND SEWER DISTRICT

Developer Extension Checklist - Sewer

Preliminary

- | | | |
|--------------------------|---|-----------|
| <input type="checkbox"/> | Application Form Completed | Developer |
| <input type="checkbox"/> | Sewer Service Agreement and Requirements Provided | District |
| <input type="checkbox"/> | Submit Notarized Utility Service Agreement
with all Appendices for Commissioner Approval | Developer |

Pre-Construction

- | | | |
|--------------------------|---|----------------------|
| <input type="checkbox"/> | Two Sets of Plans/Specifications including
Profiles and Standard BHWSO Details | Developer |
| <input type="checkbox"/> | Authorization for Engineering Services | District/Developer |
| <input type="checkbox"/> | Submit Insurance Certificate | Developer |
| <input type="checkbox"/> | Submit Contractors Confined Space Program | Developer |
| <input type="checkbox"/> | Send Letter to DOE for Approval | District |
| <input type="checkbox"/> | Approve Plans for Construction | District |
| <input type="checkbox"/> | Execute Any Easements and Deliver to District | Developer |
| <input type="checkbox"/> | Send County Notice of Approval | District |
| <input type="checkbox"/> | Provide Written Notice of Approval from Cowlitz County | Developer |
| <input type="checkbox"/> | Receive Notice of Approval from DOE | District |
| <input type="checkbox"/> | Pre-Construction Meeting | District/Contractor |
| <input type="checkbox"/> | Two Sets Final Construction Plans/Specs | Developer |
| <input type="checkbox"/> | Construction Schedule | Developer/Contractor |

Construction

- | | | |
|--------------------------|---|----------------------|
| <input type="checkbox"/> | Submission of Contractors Confined Space
Entry Permits daily | Developer/Contractor |
| <input type="checkbox"/> | On Site Inspection for Sewer Installation and
and Backfill | District/Contractor |
| <input type="checkbox"/> | Testing for Compaction during Backfill | Contractor |
| <input type="checkbox"/> | Air and TV Inspection Testing after
ALL Utilities Installed | Contractor/District |

Final Acceptance

- | | | |
|--------------------------|---|-----------|
| <input type="checkbox"/> | Submit Bill of Sale | Developer |
| <input type="checkbox"/> | Submit Notarized Sewer Service Agreement
with all Appendices | Developer |
| <input type="checkbox"/> | Submit As-Builts for Review | Developer |
| <input type="checkbox"/> | Pay All Outstanding Fees | Developer |
| <input type="checkbox"/> | Acceptance of Line | District |
| <input type="checkbox"/> | File Sewer Service Agreement with County (Contractor
will be billed for filing fees) | District |
| <input type="checkbox"/> | Submit (2) Sets and (1) Digital File of Final As-Builts | Developer |
| <input type="checkbox"/> | Send Blanket Letter of Availability to County | District |

Three Year Warranty Period

- | | | |
|--------------------------|-------------------------------------|----------|
| <input type="checkbox"/> | Re-inspect Line Prior to Expiration | District |
|--------------------------|-------------------------------------|----------|

**BEACON HILL WATER AND SEWER DISTRICT
Plans Checklist - Sewer**

YES	NO	
_____	_____	Property lines, sewer main, manholes, side sewer and paving locations are shown.
_____	_____	Permanent easements and construction easements are a minimum of 15 feet and 25 feet respectively.
_____	_____	BHWSO Standard Details are included in construction plans.
_____	_____	All pipe and fittings are PVC, conforming to ASTM D3034, SDR35 specifications, and use elastomeric gaskets designed for sewer use, or HDPE as approved by Engineer for BHWSO.
_____	_____	Sewer lines have a minimum of 3' cover.
_____	_____	Sewer main is minimum 10" horizontally and 18" below water main in all locations.
_____	_____	Any sanitary sewer line crossing less than 12" below a storm drain is constructed of C-900 PVC pipe along it's entire length.
_____	_____	Pipes between manholes are straight and in alignment.
_____	_____	Pipes are designed for no less than the following minimum grade: 8" gravity main – 1/8" per foot (1%) 6" side sewer – 1/4" per foot (2%)
_____	_____	6" side sewer stubs are extended to right-of-way or easement, whichever is further, then fitted with an eccentric 6x4 reducer and capped.
_____	_____	Manholes spacing does not exceed 400 feet.
_____	_____	Manholes are specified per BHWSO standard detail.
_____	_____	Manholes are provided with inflow protection as required in BHWSO standard notes.

BEACON HILL WATER AND SEWER DISTRICT Developer Extension Checklist - Water

Preliminary

- | | | |
|--------------------------|--|-----------|
| <input type="checkbox"/> | Application Form Completed | Developer |
| <input type="checkbox"/> | Utility Service Agreement and Requirements Provided | District |
| <input type="checkbox"/> | Submit Notarized Utility Service Agreement with all Appendices for Commissioner Approval | Developer |

Pre-Construction

- | | | |
|--------------------------|--|----------------------|
| <input type="checkbox"/> | Two Sets of Plans/Specifications including Profiles and Standard BHWSO Details | Developer |
| <input type="checkbox"/> | Authorization for Engineering Services | District/Developer |
| <input type="checkbox"/> | Submit Insurance Certificate | Developer |
| <input type="checkbox"/> | Submit Contractors Confined Space Program | Developer |
| <input type="checkbox"/> | Send Letter to DOH for Approval | District |
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| <input type="checkbox"/> | Two Sets Final Construction Plans/Specs | Developer |
| <input type="checkbox"/> | Construction Schedule | Developer/Contractor |

Construction

- | | | |
|--------------------------|--|----------------------|
| <input type="checkbox"/> | Submission of Contractors Confined Space Entry Permits daily | Developer/Contractor |
| <input type="checkbox"/> | On Site Inspection for Water Installation and Backfill | District/Contractor |
| <input type="checkbox"/> | Testing for Compaction during Backfill | Contractor |
| <input type="checkbox"/> | Air and TV Inspection Testing after ALL Utilities Installed | Contractor/District |

Final Acceptance

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Three Year Warranty Period

- | | | |
|--------------------------|-------------------------------------|----------|
| <input type="checkbox"/> | Re-inspect Line Prior to Expiration | District |
|--------------------------|-------------------------------------|----------|

**BEACON HILL WATER AND SEWER DISTRICT
Plans Checklist - Water**

YES	NO	
_____	_____	Property lines, water main, manholes, service stubs and paving locations are shown.
_____	_____	Permanent easements and construction easements are a minimum of 20 feet and 25 feet respectively.
_____	_____	BHWSO Standard Details are included in construction plans.
_____	_____	Water lines have a minimum of 30" cover.
_____	_____	Water main is minimum 10" horizontally and 18" above sewer main in all locations.
_____	_____	Water line intersects a minimum of 18" above non-potable pipelines as long as no water line joints are within the crossing.
_____	_____	Mains are constructed of ductile iron pipe.
_____	_____	Valves are installed every 500 feet on all transmission and distribution lines.
_____	_____	Water mains are installed so they provide a looped feed.
_____	_____	2-inch AWWA approved blow-off assemblies are installed at the end of any dead end piping.
_____	_____	Air vacuum breaker assemblies are installed at the high point elevations on all water main installations.
_____	_____	Water service installation for single lots consist of a 3/4-inch corporation stop, 3/4-inch or 1-inch CTS HDPE to the lot line, 1-inch x 3/4-inch reducer if necessary, 3/4-inch 90 degree angle meter stop for 5/8-inch x 3/4-inch standard water meter in a Brooks No. 4 or equal meter box set to finished grade with a #13 rebar (1/2") bent at 90 degree angle at bottom and extending from service stub to a minimum of 3-feet above finished grade. Top of rebar is bent into a 180 degree "fish hook" and painted blue.