



Public Services Department
9002 Main St. E., Suite 300
PO Box 7380
Bonney Lake, WA 98391-0944
Phone: 253-447-4356
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Retaining Wall Submittal Checklist

Does this project propose retaining walls greater than 4-ft in height or walls supporting any adjacent surcharge loads such as terraced walls, buildings, roadways, driveways, etc.?

If Yes, then the following applies:

The project engineer responsible for completion of Structural Retaining Wall Design Report submittal shall be Professional Civil Engineer currently licensed in the State of Washington. Structural Retaining Wall Design Report shall contain a page with the project engineer's official seal, signature and the following statement:

"I hereby state that this Structural Retaining Wall Design Report for _____ (Project Name) has been prepared by me or under my supervision and meet the standard of care and expertise which is usual and customary in the community for professional engineers. I understand that City of Bonney Lake does not and will not assume liability or the sufficiency, suitability, or performance of drainage facilities prepared by me. I have prepared or reviewed all the design elements and reports, which are attached Appendices of this report."

The Structural Retaining Wall Design Report must include design elements described below in the exact order. Brief description of proposed wall, height, type, design challenges and concerns, soil type(s), drainage issues, overall project scope and list other building and civil permits required and obtained for the subject project. Report must include the following design elements in the exact order:

- Appendix A
Design Wall Plans. Plans must include Site Plan, Wall Profile, Wall Cross-Section and all applicable Details. Each sheet must be stamped and signed by Professional Engineer (P.E.) licensed in the State of Washington.
- Appendix B
Structural Wall Calculations- Must be stamped and signed P.E. licensed in the State of Washington.
- Appendix C
Geotechnical Report - Must be stamped and signed by Geotechnical/P.E. licensed in the State of Washington.



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Please verify your submittal documents contain the following:

<input type="checkbox"/>	1	<u>The proposed wall design is sealed by a Professional Engineer currently licensed in Washington State.</u>
<input type="checkbox"/>	2	The structural wall design report has been put together based on the requirements described above and includes all of the design elements.
<input type="checkbox"/>	3	Structural calculations and supporting geotechnical analysis has been provided and stamped by a Professional Engineer and/or a licensed geologist certified to do this work.
<input type="checkbox"/>	4	Design details include all applicable sections, surfacing, terracing, zone of influence for geogrids, easements, wall finish, etc.
<input type="checkbox"/>	5	Drainage facility, its conveyance and discharge system for the wall system has been shown.
<input type="checkbox"/>	6	Public or private ownership and maintenance responsibilities have been indicated on the plans.
<input type="checkbox"/>	7	Walls located within the Public right-of-way or supporting public infrastructure (roads, utilities structures, etc.) are a concrete retaining wall.
<input type="checkbox"/>	8	Private walls, including all required appurtenances (geogrid, footings, drains, etc.) have adequate setbacks and easements for construction and future maintenance. NOTE: Any part of a retaining wall will not be allowed in the public right-of-way.
<input type="checkbox"/>	9	Walls over 2.5 feet adjacent to pedestrian areas have a minimum forty-two inch (42") railing or fencing provided per the International Building Code.
<input type="checkbox"/>	10	The proposed aesthetic treatment of the walls is shown and an anti-graffiti seal coat is included.
<input type="checkbox"/>	11	Wall specifications and details include water proof surfacing or water restrictive barrier as necessary for walls proposed adjacent to pond facilities.
<input type="checkbox"/>	12	All easements, whether public or private, needed to address access and future maintenance are shown on the plans. Access will not be allowed from the public right-of-way for private walls.