ATTENTION

NEW STORMWATER STANDARDS WILL IMPACT
BUILDING PERMITS SUBMITTALS!

What to Expect

Both the Abbreviated and Engineered Abbreviated submittals now have checklists that are required to be filled out by the Applicant and submitted with the project. Everything on the checklist is required to be submitted at the time of intake and will be strictly enforced.

Although it isn’t required, because of its complexity, we highly recommend that a professional be hired to complete Abbreviated submittals moving forward.

Minor projects, projects on large acreage and projects within rural areas may still qualify for either an Exempt or Reduced Abbreviated submittal.

Attached is a Submittal Standards handout which has additional information on each submittal type, submittal checklists and all the Drainage Manual references and that you’ll need to get through the new process.

If you have additional questions please contact Kevin Hughes at (360) 867-2042 or hughesk@co.thurston.wa.us

Disclaimer: The attached documents are working drafts which can and will be revised as we progress through this transition.
<table>
<thead>
<tr>
<th>Soil Type *</th>
<th>Hydrologic Soil Group</th>
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*See the description of the map unit

Soils Table Notes:

Hydrologic Soil Group Classifications, as Defined by the NRCS (formerly Soil Conservation Service):

A = (Low runoff potential). Soils having low runoff potential and high infiltration rates, even when thoroughly wetted. They consist chiefly of deep, well to excessively drained sands or gravels and have a high rate of water transmission (greater than 0.30 in/hr.).

B = (Moderately low runoff potential). Soils having moderate infiltration rates when thoroughly wetted and consist chiefly of moderately deep to deep, moderately well to well drained soils with moderately fine to moderately coarse textures. These soils have a moderate rate of water transmission (0.15-0.3 in/hr.).

C = (Moderately high runoff potential). Soils having low infiltration rates when thoroughly wetted and consist chiefly of soils with a layer that impedes downward movement of water and soils with moderately fine to fine textures. These soils have a low rate of water transmission (0.05-0.15 in/hr.).

D = (High runoff potential). Soils having high runoff potential. They have very low infiltration rates when thoroughly wetted and consist chiefly of clay soils with a high swelling potential, soils with a permanent high water table, soils with a hardpan or clay layer at or near the surface, and shallow soils over nearly impervious material. These soils have a very low rate of water transmission (0-0.05 in/hr.).
### Core Requirements

- Stormwater Site Planning
- Construction Stormwater Pollution Prevention Plan (SWPPP)**
- Source Control of Pollution
- Preservation of Natural Drainage Systems and Outfalls
- Onsite Stormwater Management (LID Performance Standard and Lists)
- Runoff Treatment
- Flow Control
- Wetlands Protection
- Operation and Maintenance
- Financial Liability
- Offsite Analysis and Mitigation

**Projects that disturb less than 1 acre may qualify for a "short form" SWPPP - see Volume I, Section 3.6 on Page 3-20

### Scoping Review

- A Drainage Scoping Report shall be submitted and reviewed prior to project submittal

**Additional information and the Drainage Design and Erosion Control Manual can be viewed online at:**

### Questions? Comments? Contact Development Review at (360) 867-2042

These comments are preliminary and may change upon a more thorough review of the site and submitted documentation. Any comments contained herein or verbally discussed are intended to help but not replace competent review and use of the applicable standards by the proponent or their designee.
SITE PLAN ONLY Submittal

**Required at Intake**
- No Submittal Checklist required
- SITE PLAN
  - Adequate for building permit submittal with the following:
    - Location/type of drainage facilities (splashblocks, dispersion, infiltration trench, etc.)
    - Location/type of erosion control (construction entrance, silt fence, vegetative strip, etc.)

**Required to be submitted prior to Final Inspection**
- This submittal type does not require any additional drainage submittals prior to final inspection.

REDUCED ABBREVIATED Submittal

**Required at Intake**
- No Submittal Checklist required
- SITE PLAN
  - Adequate for building permit submittal with the following:
    - Location/type of drainage facilities (splashblocks, dispersion, infiltration trench, etc.)
    - Location/type of erosion control (construction entrance, silt fence, vegetative strip, etc.)
    - Soil Amendment method
- Short Form SWPPP (Stormwater Pollution Prevention Plan)

**Required to be submitted prior to Final Inspection**
- Asbuilt site plan of drainage facilities (if plan was stamped by an engineer, the asbuilt also needs to be stamped)
- Soil Amendment verification (test results, receipts, load tickets, etc.)
ABBREVIATED Submittal

Required at Intake

- SUBMITTAL CHECKLIST (back of this page) – filled out by the Applicant and submitted with the project
- SITE PLAN – shall contain the following:
  - Name, address, and telephone of the applicant, project proponent and property owner
  - Name, address, and telephone of the person preparing the plot plan
  - Parcel number(s)
  - Scale and north arrow
  - Legend, if symbols are used
  - Vicinity map of sufficient clarity to locate the property and the receiving water body
  - Property boundaries, dimensions, and area
  - Contour lines from the best available source
  - Adjoining street names
  - Location of all existing and proposed utilities – water lines, sewer/septic lines, power lines, etc.
  - Location of septic drain field and reserve areas
  - Location of known wells, underground storage tanks and septic tanks
  - Established buffers, significant trees, and natural vegetation easements
  - Natural drainage channels, wetlands, canyons, gullies, water bodies, etc.
  - Clearing limits – include total area (sf)
  - Areas to be graded, cut and/or filled – include total grading quantity (cu yds)
  - All existing and proposed structures and hard surfaces – include areas (sf) of each
  - Post Construction Soil Quality and Depth (BMP LID.02 of Volume V) – Which method is proposed?
  - The location and type of stormwater BMPs – All Hard Surfaces
  - The location and type of erosion and sediment control BMPs – must label Construction Entrance

- PROJECT NARRATIVE – shall be a standalone document containing the following:
  - Project Description
  - A soils/geotech report from a qualified professional (geotech, engineer, soils professional) to verify soils and BMP feasibility (according to Section 2.3.2 Site Suitability and Analysis Procedures).
  - Address Core Requirement #5 (Section 2.4.6 of Volume I)
    - State whether the project will meet the LID Performance Standard (discharge duration calculations/modeling required) or utilize List #1 or #2 (Figure 1).
    - If utilizing one of the Lists, investigate each BMP (Best Management Practice) in descending order until a BMP is feasible. Must describe why each previous BMP is infeasible and how the proposed BMP is feasible. This shall be based on the individual BMP standards in Volume V, the Infeasibility Criteria in Appendix III-D of Volume III and the soils report. This needs to be done for each surface type and location.
  - Address Core Requirement #11 – Downstream Analysis (Section 2.2.12 of Volume I)
    - Only required if critical areas are present on the property.
      - Steep Slope, Marine Bluff, Wetland, Flood Plain (not gopher, frog, prairie, oaks, etc.)
  - SWPPP – Short form if disturbing less than 1 acre.

Required to be submitted prior to Final Inspection

- Asbuilt site plan of drainage facilities (if plan was stamped by an engineer, the asbuilt also needs to be stamped)
- Maintenance Agreement (if more than 5,000 sf of new hard surfaces were proposed)
- Soil Amendment verification (test results, receipts, load tickets, etc.)
## Abbreviated Drainage Plan

### -Submittal Checklist-

This submittal checklist must be filled out by the Applicant and turned in with the required project documents. Failure to adequately complete the items listed below will result in delay/rejection of your project application.

### SITE PLAN
- [ ] Name, address, and telephone of the applicant, project proponent and property owner
- [ ] Parcel number(s)
- [ ] Scale and north arrow
- [ ] Legend, if symbols are used
- [ ] Vicinity map of sufficient clarity to locate the property and the receiving water body
- [ ] Property boundaries, dimensions, and area
- [ ] Contour lines from the best available source
- [ ] Adjoining street names
- [ ] Location of all existing and proposed utilities – water lines, sewer/septic lines, power lines, etc.
- [ ] Location of septic drain field and reserve areas
- [ ] Location of known wells, underground storage tanks and septic tanks
- [ ] Established buffers, significant trees, and natural vegetation easements
- [ ] Natural drainage channels, wetlands, canyons, gullies, water bodies, etc.
- [ ] Clearing limits – include total area (sf)
- [ ] Areas to be graded, cut and/or filled – include total grading quantity (cu yds)
- [ ] All existing and proposed structures and hard surfaces – include areas (sf) of each
- [ ] Post Construction Soil Quality and Depth (BMP LID.02 of Volume V) – Which method is proposed?
- [ ] The location and type of stormwater BMPs w/details – All Hard Surfaces
- [ ] The location and type of erosion and sediment control BMPs w/details

### PROJECT NARRATIVE
- [ ] Project Description
- [ ] Soils/Geotech Report
- [ ] Core Requirement #5 Addressed
- [ ] Core Requirement #11 Addressed (critical areas are located on the property)
- [ ] Stormwater Pollution Prevention Plan (SWPPP)
  - Short Form Allowed? (yes/no)

### COMMENTS

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ENGINEERED ABBREVIATED Submittal

Required at Intake

- SUBMITTAL CHECKLIST (back of this page) – filled out by the Applicant and submitted with the project
- SITE PLAN – shall contain the following:
  - Name, address, and telephone of the applicant, project proponent and property owner
  - Parcel number(s)
  - Scale and north arrow
  - Legend, if symbols are used
  - Vicinity map of sufficient clarity to locate the property and the receiving water body
  - Property boundaries, dimensions, and area
  - Contour lines from the best available source
  - Adjoining street names
  - Location of all existing and proposed utilities – water lines, sewer/septic lines, power lines, etc.
  - Location of septic drain field and reserve areas
  - Location of known wells, underground storage tanks and septic tanks
  - Established buffers, significant trees, and natural vegetation easements
  - Natural drainage channels, wetlands, canyons, gullies, water bodies, etc.
  - Clearing limits – include total area (sf)
  - Areas to be graded, cut and/or filled – include total grading quantity (cu yds)
  - All existing and proposed structures and hard surfaces – include areas (sf) of each
  - Post Construction Soil Quality and Depth (BMP LID.02 of Volume V) – Which method is proposed?
  - The location and type of stormwater BMPs w/details – All Hard Surfaces
  - The location and type of erosion and sediment control measures w/details – must label Construction Entrance

- PROJECT NARRATIVE – shall be a standalone document containing the following:
  - Project Description
  - A soils/geotech report from a qualified professional (geotech, engineer, soils professional) to verify soils and BMP feasibility (according to Section 2.3.2 Site Suitability and Analysis Procedures).
  - List all required Core Requirements and describe how they are being met.
    - Information specific to Core Requirement #5 (Section 2.4.6 of Volume I)
      - State whether the project is will meet the LID Performance Standard or utilize List #1 or #2 (Figure 1) or is exempt.
      - If utilizing one of the Lists, investigate each BMP (Best Management Practice) in descending order until a BMP is feasible. Must describe why each previous BMP is infeasible and how the proposed BMP is feasible. This shall be based on the individual BMP standards in Volume V, the Infeasibility Criteria in Appendix III-D of Volume III and the soils report. This needs to be done for each surface type and location.
      - Discharge duration calculations/modeling for facility sizing and post development runoff.
  - SWPPP – Short form if disturbing less than 1 acre.

Required to be submitted prior to Final Inspection

- Asbuilt site plan of drainage facilities
- Maintenance Agreement (if more than 5,000 sf of new hard surfaces were proposed)
- Soil Amendment verification (test results, receipts, load tickets, etc.)
# Engineered Abbreviated Drainage Plan
## -Submittal Checklist-

This submittal checklist must be filled out by the Applicant and turned in with the required project documents. Failure to adequately complete the items listed below will result in delay/rejection of your project application.

### SITE PLAN

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- Name, address, and telephone of the applicant, project proponent and property owner
- Parcel number(s)
- Scale and north arrow
- Legend, if symbols are used
- Vicinity map of sufficient clarity to locate the property and the receiving water body
- Property boundaries, dimensions, and area
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- Natural drainage channels, wetlands, canyons, gullies, water bodies, etc.
- Clearing limits – include total area (sf)
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- All existing and proposed structures and hard surfaces – include areas (sf) of each
- Post Construction Soil Quality and Depth (BMP LID.02 of Volume V) – Which method is proposed?
- The location and type of stormwater BMPs w/details – All Hard Surfaces
- The location and type of erosion and sediment control BMPs w/details

### PROJECT NARRATIVE

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- Project Description
- Soils/Geotech Report
- All applicable Core Requirements Addressed
- Stormwater Pollution Prevention Plan (SWPPP)
  - Short Form Allowed? (yes/no)

### COMMENTS

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