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E-20-0393

August 20th, 2020

THE CITY OF PUYALLUP
Development Engineering
Puyallup City Hall
333 South Meridian
Puyallup, WA 98371

-Please include the Ecology Manual flowchart.
-Revise the report to remove the Utility Project Exemption assumption. This is a development project (not a Utility Project) and the utility trenching associated with the project must be included in the project disturbed area thresholds.

Flowcharts are included and revised project hard surface area figures.

SUBJECT: ***ABBREVIATED STORMWATER DRAINAGE LETTER FOR TRANSPORTATION RESTROOM PORTABLE RELOCATION PROJECT***
PUYALLUP SCHOOL DISTRICT NO. 3
PARCEL NO. 0419043117
SITTS & HILL PROJECT NO. 18,719.321

To The City of Puyallup Development Engineering Department:

The Puyallup School District is applying for a site development permit for the placement of one restroom portable and the addition of associated concrete sidewalk at the Puyallup School District Support Operations Campus (1501 39th Avenue SW, Puyallup, Washington 98373). The project consists of removing the existing sod and topsoil to a depth of 6 inches and replacing it with a gravel pad to place the portable on. The total of new hard surfaces associated with the placement of the portable is approximately 638 square feet. The replacement of some asphalt will be required, but in accordance with the Stormwater Management Manual for Western Washington, hard surface that is replaced for the purpose of utility installation is not counted toward minimum requirement thresholds. Only Minimum Requirement #2 is applied to this project (see attached flowcharts). Runoff from the project area will continue to be managed by existing onsite stormwater conveyance, treatment and flow control facilities.

<u>Minimum Requirement #2 - Construction Stormwater Pollution Prevention:</u>
A discussion of each of the thirteen elements is provided below:

1. *Mark Clearing Limits* - Work limits will be identified in the field from the construction plans.
   Applicable BMPs: C101 Preserving Natural Vegetation

2. *Establish Construction Access* - Construction vehicles will access the site from 17th Street SW. Access is via existing pavement. Any debris generated as a result of construction activity will be swept clean to prevent tracking onto paved areas.

3. *Control Flow Rates* - Flow control is not a requirement for this project.

4. *Install Sediment Controls* - Catch basin inserts will be used by the contractor to minimize sediment entering the existing catch basins. If any catch basins or inserts become filled with sediment or debris, it must be cleaned in such a manner as to prevent material from entering the stormwater drainage system. Sweeping of paved surfaces will also help to prevent sediment from entering the existing system.
   Applicable BMPs: C220 Inlet Protection

5. *Stabilize Soils* - Any exposed soils requiring stabilization due to poor weather conditions, or left unworked for more than 2 days from October 1 to April 30 (7 days from May 1 to September 30), will be covered at the end of each work shift. Covering material will be anchored to ensure

adequate protection. Erosion control measures will remain in place until soil stabilization can be achieved by the installation of permanent surfacing. Dust control is not anticipated to be required, but will be utilized as necessary at the Contractor's discretion by keeping the work area in an adequately moistened condition.
Applicable BMPs: C120 Temporary and Permanent Seeding; C121 Mulching; C123 Plastic Covering; C125 Topsoiling/Composting; C140 Dust Control

6. *Protect Slopes* - The project will not include any destabilized slopes.

7. *Protect Drain Inlets* - All catch basins near the site are to be protected as necessary during construction. This will be accomplished through the use of catch basin inserts and pavement sweeping. The construction drawings detail the location and protection measures required for each existing catch basin to be protected. Inlet protection filters are required on all existing catch basins near the area of work. Filters will be inspected frequently during construction (especially after storm events) and pavement will be checked and swept as necessary. If inlet protection filters become one-third full, they will be cleaned in such a manner as to prevent sediment from entering the stormwater drainage system. Inlet protection material will also be kept on hand in case additional protection becomes necessary.
Applicable BMPs: C220 Inlet Protection

8. *Stabilize Channels and Outlets* - No channel or outlet stabilization will be required.

9. *Control Pollutants* - All material to be removed / demolished will be disposed of at an approved off-site location. Fueling and lubrication of construction vehicles and other motorized equipment will occur only at approved off-site facilities. Construction equipment will be inspected daily as part of regular maintenance activities. Any leaks or other sources of contamination will be repaired immediately. Spillage or other discharges of pollutants will be reported within 24 hours. Also, the contractor will maintain any materials necessary for rapid cleanup of spills.
Applicable BMPs: C151 Concrete Handling; C152 Sawcutting and Surfacing Pollution Prevention; C153 Material Delivery, Storage, and Containment; C154 Concrete Washout Area

10. *Control Dewatering* - It is not anticipated that de-watering will be included as a part of this project.

11. *Maintain BMPs* - All erosion and sediment control BMPs will be maintained and repaired as needed during construction. Installed BMPs will be inspected weekly (unless otherwise specified) or after any large storm event for stability and functionality. Deficiencies will be corrected in such a way as to prevent sediment from entering the stormwater drainage system. Refer to the project TESC Plans.
Applicable BMPs: C150 Materials on Hand; C160 Certified Erosion and Sediment Control Lead

12. *Manage the Project* - The Erosion Control Specialist will be identified prior to the start of construction and will be on-call at all times. The project work is planned to occur during the drier summer months.
Applicable BMPs: C150 Materials on Hand; C160 Certified Erosion and Sediment Control Lead; C162 Scheduling

13. *Protect Low Impact Development BMPs* - No low impact development BMPs are proposed.

An Operations & Maintenance Manual is not required for project building downspout and splash block systems. The School District is responsible for potential maintenance and is covered by an existing recorded maintenance agreement.

Please contact us with any comments or questions regarding this project.

Sincerely,

SITTS & HILL ENGINEERS, INC.

Richard C. Hand, P.E.
Senior Project Manager

Attachments:

- Flow Charts from the Manual

08-20-2020

Figure I-2.4.1 Flow Chart for Determining Requirements for New Development

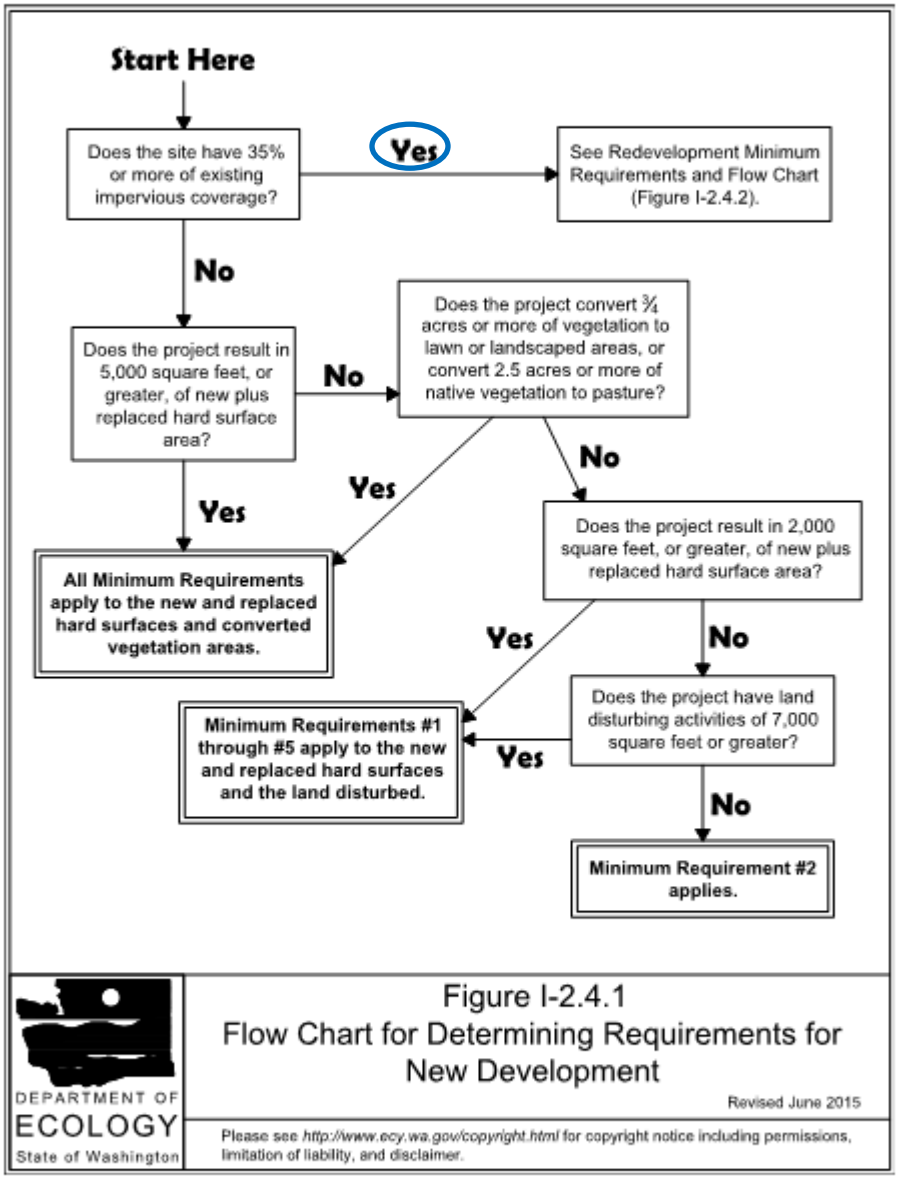

Figure I-2.4.2 Flow Chart for Determining Requirements for Redevelopment