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City of DuPont
Building Services

To: City of Dupont
1700 Civic Drive
DuPont, WA 98327

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November 18, 2021

Re: The Home Course Teaching Shed
Stormwater Technical Memo

This memo describes the additional impervious surfaces for the proposed Teaching Shed and how the new surfaces will impact stormwater management.

The proposed improvements include 1,325 square feet of roof and 532 square feet of additional concrete paving. The total of new impervious surfaces is 1,827 square feet. This amount falls below the threshold of 2,000 square feet and surface dispersion is acceptable. A dispersion system will infiltrate stormwater runoff from impervious surfaces. No pollution generating surfaces will be created, therefore Runoff Treatment is not required.

The roof area collects and drains into two downspouts with splash blocks. Each splash block is provided a 10' x 50' dispersion area in the grass directly to the north of the building. The grass is graded toward the north, maintaining the flow pattern of the existing site.

The additional paved areas are sloped to sheet flow and disperse into the grass directly to the north. There is an approximate 50' wide dispersion area of grass off the edge of the pavement. The grass slopes toward the north, maintaining the flow pattern of the existing site.

Stormwater runoff from the proposed improvements is retained and infiltrated on-site. The owner will continue maintaining all stormwater facilities located on-site.

Copy to: Justin Gravatt, The Home Course