Pierce County

Department of Planning and Land Services
Development Engineering

SINGLE FAMILY

SINGLE FAMILY RESIDENCE STORM DRAINAGE REQUIREMENT AND INSPECTION FORM

File Name:		☐ Lot of Record
Date: / /	Parcel No.:	---
Building Permit No.:	PWSR No.:	☐ PWIF ☐ PWSA

Required (Dev. Engs. Initials)	**Requirement**	**Engineer to Initial When Identified Requirement is Met**
	Roof Drains[1]	
	☐ Construct the lot's infiltration trench per plan and tightline[2] to the infiltration trench. ☐ Tightline to the existing system per plan.	
	Tightline[2] to a plat storm drainage lot stub-out.	
	☐ Tightline[2] ☐ Route [3] to a roadway drainage system.	
	☐ Tightline[2] ☐ Route [3] to a wetland.	
	☐ Tightline[2] [4] ☐Route [3] to a water body (Puget Sound, Alder Lake, Lake Tapps, Lake Kapowsin, approved river).	
	Splash block roof drains to a flat portion of the lot where the runoff will be contained on site.	
	Other (explain):	
	Driveways[1]	
	☐ Construct the lot's infiltration trench per plan and tightline[2] to the infiltration trench. ☐ Tightline to the existing system per plan.	
	Tightline[2] to a plat storm drainage lot stub-out.	
	☐ Tightline[2] ☐ Route[3] to a roadway drainage system.	
	☐ Tightline[2] [4] ☐Route [3] to a water body (Puget Sound, Alder Lake, Lake Tapps, Lake Kapowsin, approved river).	
	Grade/route[3] to vegetated portion of the lot where the runoff will be contained on site.	
	Other (explain):	

[1] If more than one requirement is identified in a section, then the applicant/contractor has the option of meeting any one of the requirements.
[2] Tightline means to convey in a non-perforated pipe to the point of discharge (infiltration trench, detention system, etc.). Pipe is typically made of PVC or high density polyethylene (HDPE) and is 4" minimum in diameter laid at a minimum slope of 1.0%.
[3] Route means to ensure the drainage reaches the desired point of discharge (infiltration trench, detention system, etc.) by detailed grading of the lot and/or driveway.
[4] Tightlining may require a Shoreline Substantial Development Permit. Contact Current Planning for further information.

Notification of Completion:

I, or someone under my direct supervision, have inspected the site for the above-identified requirements. Based on the current standard of care and expertise, which is usual and customary in this community for professional engineers, I find that it substantially conforms to the identified requirements and approved plans (if applicable).

Signature:

Date:

See reverse side for instructions.

Instructions

1. Coordinate the installation of the drainage system and associated inspections with your engineer prior to construction.

2. Completely install the storm drainage control measures per the requirements indicated on the front of this sheet. This means the system must be 100% complete. Roofing, gutters, downsports, tightlines, infiltration trenches, splash blocks, paving, final lot grading and any other item necessary to provide a functional storm drainage system must be installed. Prior to final building inspection, retain a Washington State licensed civil engineer to inspect the installed storm drainage control measures and complete this form.

3. When the engineer has completed the form, return it to the Lobby Service Attendant located in the Development Center at 2401 S. 35th Street, Tacoma. Allow a minimum of 2 to 3 working days for processing prior to requesting a final building inspection.