

**SECTION G**

**ENGINEER'S INSPECTION REPORT FORM**



# ENGINEER'S INSPECTION REPORT FORM

Project Name:

Pierce County Development Engineering Number:

Site Development Permit Number(s):

Location (address, Section, Township and Range):

Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

## **Pond Information:**

1. Type:
- 2(a). After pond construction, have infiltration tests and/or soil logs been completed?
- 2(b). Indicate test results and compare with design criteria (pre-construction soils information). do the post-construction values indicate a need to modify the system design? Explain.
3. Outlet Type  
Filter, Oil Water Separator, Single orifice, Oil Water Separator, Multiple orifice, Slot, V-notch, Other
4. Outlet works at correct elevation(s); (list the structures and elevations) filter fabric installed properly (if needed), etc.
5. Spillway at correct elevation, slope, adequately armored, etc.
6. Required retention/detention volume achieved.

**Conveyances:**

1. Channels properly graded, sloped, planted, etc.
2. Storm drains at proper grade, inlets as designed, trenches as designed, pipe bedding properly prepared, backfilling procedures correct, materials as specified, etc.

**Roof Leaders:**

1. Do roof leaders drain to infiltration trenches or as shown on the approved plans.

**Private Roads, Public Roads, Shared Access Facilities and Alleyways:**

1. Inspection No. 1: Clearing and grubbing, embankment and excavation, underground drainage, at that state where trenching and placing of pipe are complete but prior to backfilling, and temporary water detention/retention and siltation control in accordance with the approved plans.
2. Inspection No. 2: General roadway/shared access facility/alleyway, at that state where the drainage system, underground utilities, and roadway/shared access facility/alleyway grading to suitable subgrade is complete, including gravel ballast, if required. This inspection shall include proof rolling and/or compaction testing to verify that the subgrade has been properly prepared.
3. Inspection No. 3: General roadway/shared access facility/alleyway, at that state where the crushed gravel surfacing has been placed.

4. Inspection No. 4: General roadway/shared access facility/alleyway, while paving is in progress.
  
5. Inspection No. 5: Overall roadway/shared access facility/alleyway, after paving, cleaning of drainage system and all necessary clean-up, striping, buttoning, monumentation, and all roadway delineation work.
  
6. All road signs are in place for private roads, shared access facilities, and alleyways.
  
7. Gate(s) has(have) been installed in conformance with the requirements of Title 17B.
  
8. Existing and new bridge structures comply with Title 17B

**As-Built (Record) Plans:**

An "as-built" (record) set of plans for the road, access, and storm drainage system must be submitted to the County with this form. The plans must be identified as "as-built" (record) and stamped, signed and dated by the Project Engineer.

Any alterations to the system which vary from the accepted design must be noted on the "as-built" (record) drawings.

**Notification of Completion:**

I, or someone under my direct supervision, have inspected the (storm drainage, shared access, alleyway, private road, public road) improvements for the project known as \_\_\_\_\_ with said improvements being performed under Site Development Permit number(s) \_\_\_\_\_, and based on the standard of care and expertise which is usual and customary in this community for professional engineers, I find that the improvements for this project conform to the terms and conditions of the approved design and have been completed in accordance with the requirements of Titles 17A and 17B PCC.  
Signature:

Dated:

Seal: