

Pierce County

Department of Planning and Land Services
Development Engineering Section

PROJECT NAME: _____ DATE: _____

APPLICATION NO.: _____ PCDE NO.: _____

Circled items need to be addressed. Checked items are OK. A determination cannot yet be made on items left blank. Address these items. If you believe a particular blank item does not apply, state this explicitly.

GENERAL

ABBREVIATED PLAN REVIEW CHECKLIST ORDINANCE 2004-56S TITLES 18C AND 17A

1. ____ Abbreviated Plans signed and dated by the Applicant and/or the person preparing the Abbreviated Plan. (4.1.2)
2. ____ Name, address and telephone number of the applicant and person preparing the plan. (4.9)
3. ____ Parcel number(s) noted. (4.9)
4. ____ Scale and north arrow shown. (4.9)
5. ____ Legend if symbols are used. (4.9)
6. ____ Vicinity map of sufficient clarity to locate the property and the receiving water body. (4.9)
7. ____ Property boundaries, dimensions and area are shown. (4.9)
8. ____ Contour lines shown. Specify datum used. (4.9)
9. ____ Adjoining street names noted. (4.9)
10. ____ Existing and proposed structures and other impervious surfaces such as driveways, patios, garages, barns, etc. (4.9)
11. ____ Location of on-site sewage disposal systems and reserve areas. (4.9)
12. ____ Utility easements. (4.9)
13. ____ Established buffers, significant trees and natural vegetation easements. (4.9)
14. ____ Natural drainage channels, wetlands, canyons, gullies, water bodies, etc. (4.9)
15. ____ Lines shall be drawn with a straight edge with the exception of curved lines. Features shall be drawn to scale. (4.9)
16. ____ Drawings shall be sufficiently clear to see footprints of structures and other features described above and shall be on 8 ½ x 11-inch; 11 x 17-inch paper, or 22 x 34-inch paper at the County direction dependant upon project size and scope. (4.9) (11 x 17 inch paper preferred for abbreviated plans)
17. ____ Areas to be graded, filled, excavated, or otherwise disturbed. (4.9)
18. ____ Location of known wells and underground storage tanks. (4.9)
19. ____ Plans for projects involving significant trenching conform with the restrictions of section 8.10.4 and incorporate the required notes.

EROSION CONTROL

20. ____ The location and type of erosion and sediment control measures. (4.9)
21. ____ Clearing limits. (4.9)
22. ____ Prevent erosion of exposed soils as well as to prevent sediment from leaving a project site. (8.1)

EROSION CONTROL (Continued)

- 23. ____ Properties and waterways downstream from development sites shall be protected from erosion due to increases in the volume, velocity, and peak flow rate of stormwater runoff from the project site. (8.1)
- 24. ____ Sediment transport by runoff, wind, and vehicular transport is prevented. (8.1)
- 25. ____ On site and downstream storm system inlets protected per Appendixes C & G (8.10.1)
- 26. ____ Flagging of any wetlands buffers, Erosion and Landslide Hazard Area buffers or Natural Buffer Areas, and marking of all vegetation areas to be preserved. Flagging shall be brightly colored and shall clearly identify areas to be preserved. (4.9.1)
- 27. ____ Applicable erosion control notes from Appendix G listed on plans or attached and incorporated by reference. (App. G)

STOCKPILE MANAGEMENT

- 28. ____ Proposed location(s) determined for stockpiled materials, i.e. excavation wastes. (4.9)
- 29. ____ Stockpiles set back a minimum of 50 feet from down gradient drainage features. (8.10.3)

FILTER FABRIC FENCES

- 30. ____ Silt fencing (Filter Fabric Fencing) along a property line or as needed to prevent migration of soils. (4.9.1)
- 31. ____ Refer to Appendix C, Detail 8.0, "Filter Fabric Fence Detail," and Appendix G, page G-3, for standard notes regarding this practice. (8.10.8)
- 32. ____ See limitations shown in Table 8.2. (8.10.8)
- 33. ____ 100= maximum sheet or overland flow path length to the fence. (8.10.8)
- 34. ____ No concentrated flows > 0.5 cfs. (8.10.8)

CONSTRUCTION ENTRANCES

- 35. ____ Construction entrance rock pad at every access point (Appendix C, Detail 4.0, "Construction Entrance Rock Pad"). Refer to Appendix G for standard notes on this practice. (8.10.6) (4.9.1)
- 36. ____ Construction entrances drains to either sediment ponds or traps unless in well drained soils. (8.10.6)

PLASTIC COVERING

- 37. ____ Refer to Appendix G for standard notes. (8.11.12)

MULCHING

- 38. ____ Appendix G for standard notes. (8.11.13)
- 39. ____ Mulches used in areas with slopes > 2:1. (8.11.13)
- 40. ____ See Table 8.3 for guides to mulch materials, rates, and uses. (8.11.13)

PERMANENT STABILIZATION

- 41. ____ Provisions are specified to permanently stabilize disturbed soil areas. (4.9.3)
- 42. ____ Exposed slopes stabilized per section 8.5 (8.10.5)

DRAINAGE

- 43. ____ Application includes an evaluation of the need for on-site facilities for disposal of runoff from roofs and other impervious surfaces. (4.9)
- 44. ____ Runoff from roofs & clean impervious surfaces must be infiltrated on site where practical. (5.4.1)
- 45. ____ Runoff from driveways and other vehicular traffic or parking areas provided for per Section 5.4.3.
- 46. ____ Runoff from driveways and other vehicular traffic or parking areas treated/infiltrated separately from roof runoff infiltration systems. (5.4.3)
- 47. ____ Facilities, where necessary, are designed in conformance with Section 5.4. (4.9)

DRAINAGE (Continued)

- 48. _____ Routing for storm drainage provided as necessary and appropriate for the size of project. (4.9)
- 49. _____ Conveyance systems provided for runoff from structures. (4.9)
- 50. _____ Constructed channels (if necessary) to route off-site overland flows around the construction site. (4.9.1)
- 51. _____ Standard stormwater notes from Appendix H listed on plans or attached and incorporated by reference. (App H)

SUPPLEMENTAL DRAINAGE & EC REQUIREMENTS

If the County determines, based on public safety, health and welfare concerns or site specific characteristics, etc., that these measures are not adequate, additional measures may be applied to meet the intent of this Manual. (4.9.1) Potential additional measures include, but are not limited to:

- 52. _____ Water quality treatment provided for projects discharging to a wetland, drainage course or the Puget Sound. (2.2.2 & Mar 4, 2002 interpretation letter by John Trent P.E.).
- 53. _____ Gravel filter "windows" to clean the surface water runoff prior to discharge off-site. (4.9.1)
- 54. _____ Construction of a settling pond or trap. (4.9.1)
- 55. _____ Construction of a vegetated swale for sediment removal. (4.9.1)
- 56. _____ Construction of a retention and/or detention pond meeting the criteria in Chapter 7, Design Standards-Quality. (4.9.1)
- 57. _____ Provisions made to restrict vehicular access to portions of the site. (4.9.1)

EARTHWORK

EXCAVATION

- 58. _____ Cut slopes < 2 horizontal to 1 vertical or as recommended by a soils engineer. (17A.30.010.A.1)
- 59. _____ The catch point of the top of the slope set back from the boundary line per the table; (17A.30.010.A.2) (17A.30.010.B)

<u>Cut Depth</u>	<u>Setback Distance</u>
< 5'	2'
5' – 20'	Height/2
> 20'	10'

FILL

- 60. _____ Fill slopes not steeper than 1 ½ horizontal to 1 vertical or as recommended by a soils engineer. (17A.30.010.B)
- 61. _____ Ground surface for fills over 5' in height prepared by removing vegetation, noncomplying fill, topsoil and other unsuitable materials and scarifying. (17A.30.010.C)
- 62. _____ Ground surface for fills where existing slopes are > 5 horizontal to 1 vertical prepared by benching into competent material. The bench is at least 10' wide or as recommended by a soils engineer. (17A.30.010.C)
- 63. _____ No material other than earth material buried or placed in fills. (17A.30.010.D)
- 64. _____ The toe or catch point of fill slopes set back from the site boundary line in accordance with the following table, unless a retaining walls is designed by an engineer and constructed for this project; (17A.30.010.F)

<u>Fill Depth</u>	<u>Setback Distance</u>
< 5'	2'
5' – 40'	Height/2
> 40'	20'

PERMANENT ACCESS

See Design Guidelines and Specifications for Road and Bridge Construction Review Checklist.

DOCUMENTATION/PERMIT REQUIREMENTS

65. ____ The applicant has paid the appropriate application fees. (Current fee schedule) (17A.070.C.3.a.4)
66. ____ Application has been made for any/all necessary approach permits. (17B.20.010)
67. ____ Reclamation guarantee provided in the amount of \$1500.00 per acre to be disturbed, \$1500.00 minimum. (17A.20.020.C)
68. ____ Construction guarantee provided for project. 300% for short plats and large lot divisions; 125% for formal plats, determined by submitting a scope of work and engineer's estimate. Estimate based on current construction cost data. (17A.20.030.B)
69. ____ An 18 month guarantee must be submitted and accepted by the County prior to final project approval or release of the construction guarantee. The amount shall be 4% of the construction guarantee amount for short plats and large lots, or 10% for formal plats and commercial activities, but not less than \$5000.00 (17A.20.040.B)
70. ____ Financial guarantees submitted on current, approved County forms. (17A.20.010.B)
71. ____ Financial guarantees < \$5000.00 by assignment of funds only. ≥ \$5000.00 by assignment of funds or bonds. (17A.20.010.C)
72. ____ Copy of application/permit for gate included if proposed. (17A.10.070.C.3.a.6)
73. ____ Copy of application/permit for retaining walls > 4' high included if proposed. (17A.10.070.C.3.a.6)