

## 6.2

### Level I (1) Soil and Vegetation Plan

#### **REQUIRED FOR:**

New development—residential land uses with 1-4 units (including single-family homes, duplexes, triplexes, and fourplexes).

**PROFESSIONAL FORESTER:** May be required.

OMC 16.60 020 R. "Qualified professional forester" is a professional with academic and field experience that makes them an expert in urban forestry. This may include arborists certified by the International Society of Arboriculture (ISA), foresters with a degree from the Society of American Foresters (SAF) accredited forestry school, or urban foresters with a degree in urban forestry. A qualified professional forester must possess the ability to evaluate the health and hazard potential of existing trees in an urban environment, and the ability to prescribe appropriate measures necessary for the preservation of trees during land development and management of those trees thereafter.



*To remove a tree(s) on sites with an existing house, duplex, triplex, or fourplexes, completion of a Tree Removal Permit Application may be all that's needed to meet the requirements of a Level I Soil and Vegetation Plan.*

#### **REQUIRED ELEMENTS:**

##### **Tree, Soil, and Native Vegetation Report:**

###### *Existing Conditions and Project Narrative:*

- Narrative detailing the project scope, including the amount in square feet of land disturbance being proposed; desired outcomes; and anticipated impacts to existing soils, native vegetation, and/or trees on site

###### *Tree Density Calculations:*

- Calculate the buildable area of the project parcel in square feet
- Based on the parcel's buildable area, calculate the site's required minimum tree density (see Chapter 4 for how to calculate tree density)
- Show the number and size of trees proposed for removal
- Demonstrate how minimum tree density will be met either through the preservation and protection of existing trees, planting of new trees, or a combination of both

*Tree Protection:*

- For trees identified to be retained, describe how they will be protected during construction or land disturbing activities (see Chapter 7 for tree, soil, and native vegetation protection standards).
- Description of trees, tree tracts, and SVPAs, including critical root zones, on adjacent properties with potential impact by the proposed site changes.
- Include tree protection measures on the Site Map.

**Site Plan:**

- Property lines, parcel numbers, and ownership
- Location and footprint of existing structures, paved and hard surfaces, stormwater facilities, and any other existing improvements
- Location of any known critical areas or buffers (as defined in Olympia Municipal Code Chapter 18.32)
- Location of trees, tree tracts, and SVPAs, including critical root zones, on adjacent properties with potential impact by the proposed site changes.
- Location and footprint of all planned improvements (if applicable)
- Approximate location of trees to be retained
- Approximate location, species, size, and quantity of trees to be planted (if applicable)
- Tree density calculations