# SUF

**SOUND URBAN FORESTRY, LLC**
**Appraisals, Planning, Urban Landscape Design and Management**

**McLanahan Village**
**Mullen Road SE**
**Case #26-0136**
**TPN 11828320123**

Preliminary Tree Protection Plan

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Prepared for: City of Lacey, Community and Economic Development Dept.

Prepared by: Kevin M. McFarland, SUF
City of Lacey, Contracted Tree Protection Professional

Date: 7/20/2026

## Introduction

This report has been developed as part of the preliminary planning requirements for the proposed McClanahan Village multi-family project in Lacey, Washington. I visited the site on July 13, 2026 to review the existing vegetation and proposed tree retention.

**Forest Cover Description**

The forest cover found within the site is dominated by red alder measuring 8-16" DBH. The alders within the western and central portion are either dead or dying. The alders in the eastern portion are in poor to fair condition. Scattered Big leaf maples and black cottonwood are also found throughout the parcel. Low numbers of Douglas fir and western red cedar are present along the perimeters. Photos have been included.

**Aerial of Site**

**Table 1. Summary of Trees Found within Site**

| Species | Diameter Range | Condition |
|---|---|---|
| Red Alder | 8-16" | Dead or poor to fair |
| Cottonwood | 10-30" | Fair to good |
| Big Leaf Maple | 8-24" | Fair to good |
| Douglas Fir | 6-32" | Fair to good |
| Western Red Cedar | 4-26" | Dead or poor to fair |

**Tree Retention**

The applicant is proposing tree retention within three Tree Tracts totaling 12,000 SF along with a 20' buffer along the perimeters. Due to the poor condition of the alders and cedars, the potential of tree retention within these areas is limited. There are no groupings of trees within the property that are ideal for retention so I am recommending a combination of selective retention of trees deemed to be safe within the Tree Tracts and buffer and replanting according to City Code (LC 14.32.065 – Tree Replacement in Tree Tracts). This will require that the 20' buffers and the Tree Tracts be staked so that I can conduct a thorough assessment, flag trees that I recommend be retained and determine the appropriate protection measures.

**Site Plan Showing Proposed Tree Tracts and Tree Retention within 20' Buffer**

**Tree Protection**

Tree protection fencing will be necessary for all trees to be retained. The locations will be determined once the retention trees are identified and flagged. The locations of the fencing will be reviewed by myself with the contractor and staked prior to any site work.

**Expected Sequence**

I will be notified once the 20' buffers and three tree tracts have been staked in the field. I will then conduct my follow-up assessment and flag trees recommended for retention.

A pre-con meeting will be held with the contractor prior to any site work to review the locations of the tree protection fencing and any other necessary measures of protection.

**Board Feet Removal**

The table below presents the approximate board feet of merchantable timber to be removed based on the current site plan.

**Table 2. Merchantable Timber to be Removed**

| Species | Number of Trees | Average Diameter | Average Height | Board Feet per Tree | Total Board Feet |
|---|---|---|---|---|---|
| Red Alder | 100 | 14" | 55' | 60 | 6,000 |
| Big Leaf Maple | 25 | 16" | 50' | 30 | 750 |
| Western Red Cedar | 8 | 16" | 55' | 60 | 480 |
| Douglas Fir | 5 | 14" | 65' | 70 | 350 |
| Cottonwood | 4 | 20" | 100' | 160 | 640 |
| | | | | | **Total = 8,220** |

Professionally submitted,

Kevin M. McFarland, Member
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ISA Certified Arborist PN-0373 & ISA Tree Risk Assessment Qualified
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**Photos**

Dead and dying alders in the background

Dead alders

Photo of vegetation within Tree Tract along Mullen Road