

Exhibit issues:

Exh 4. - MI did not include Tree Permit Submittal Checklists and Tree Inventory Replacement Submittal documents in this exhibit. These documents (bulleted below) were required by MI and were included in ST's permit submittal package during all three rounds of Completeness Checks. Completeness check permit package submittals occurred on 10/23/2020, 11/6/2020, and 11/20/2020.

- 02- ROW MI Tree Permit Submittal Checklist
- 03- ROW Tree Inventory Replacement Submittal
- 04- 7714 N. Mercer Way Tree Permit Submittal Checklist
- 05- 7714 N. Mercer Way Tree Inventory Replacement Submittal
- 07- 2297 78th Ave SE Tree Permit Submittal Checklist
- 08- 2297 78th Ave SE Tree Inventory Replacement Submittal

# CITY OF MERCER ISLAND

## COMMUNITY PLANNING & DEVELOPMENT

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## TREE SUBMITTAL CHECKLIST

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### SUBMITTAL ITEMS

#### 1. The Mercer Island Tree Inventory Form

- Provide the City's Mercer Island Tree Inventory Form

#### 2. Arborist report/tree inventory

- Provide an Arborist report, prepared by a qualified Arborist. Include the following information in the arborist report.
  - 1. Description of how the arborist meets the threshold requirements for Qualified Arborist.
  - 2. A complete description of each tree's diameter, species, critical root zone, limits of allowable disturbance, health, condition, and viability.
  - 3. A description of the method(s) used to determine the limits of allowable disturbance (i.e., critical root zone, root plate diameter, or a case-by-case basis description for individual trees).
  - 4. Any special instructions specifically outlining any work proposed within the limits of disturbance protection areas (i.e. hand-digging, air space, tunneling, root pruning, any grade changes, clearing, monitoring, and aftercare).
  - 5. For trees not viable for retention, a description of the reason(s) for removal based on poor health, high risk of failure due to structure, defects, unavoidable isolation, windfirmness, unsuitability species, etc. If there is no reasonable alternative action (pruning, cabling, etc.) possible, replacement recommendations must be given.
  - 6. Describe the impact of necessary tree removal on the remaining trees, including those in a grove or on adjacent properties.
  - 7. Describe timing and installation of tree protection measures. Such measures must include fencing and be in accordance with the tree protection standards as outlined in MICC 19.10.
  - 8. The suggested location and species of replacement trees to be used when required. The report shall include planting and maintenance specifications to ensure long term survival.
  - 9. **A Tree Inventory** containing the following:
    - a. A numbering system of all existing large trees on the property (with corresponding tags on trees). The inventory shall also include large trees on adjacent property with driplines or critical root zones extending into the property.
    - b. Tree size (diameter). Where a tree splits into several trunks close to ground level, the dbh (Diameter at Breast Height) for the tree is the square root of the sum of the dbh for each individual stem squared (example with 3 stems:  $dbh = \text{square root} [(stem1)^2 + (stem2)^2 + (stem3)^2]$  ).
    - c. Proposed tree status (retained or proposed for removal).
    - d. Tree type or species.
    - e. Identify all Exceptional trees and differentiate between those less than 24 inches and those greater than or equal to 24 inches in diameter.
    - f. Brief general health or condition rating of each tree (i.e. poor, fair, good, etc.).

#### 3. Site/tree retention plan

Indicate the following on all civil/utility and grading sheets. If there are no civil sheets indicate on the architectural site plan

- 1. Location of all proposed improvements (building footprint, access, utilities, buffers, required landscape areas).
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#### 4. Replanting plan

- Provide the Replanting plan showing proposed locations of any required replacement trees.

#### PEER REVIEW AND CONFLICT OF INTEREST

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- Your qualified arborists must have at least one (1) of the following credentials:
  - ISA Certified Arborist;
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List the total number of trees for each category and the tree identification numbers from the arborist report.

Number of trees 36" or greater \_\_\_\_\_

List tree numbers: \_\_\_\_\_

Number of trees 24" or greater (including 36" or greater) \_\_\_\_\_

List tree numbers: \_\_\_\_\_

Number of trees from Exceptional Tree Table (MICC 19.16) \_\_\_\_\_

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### LARGE REGULATED TREES

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Number of Large Regulated Trees on site \_\_\_\_\_ (A)

List tree numbers: \_\_\_\_\_

Number of Large Regulated Trees on site proposed for removal \_\_\_\_\_ (B)

List tree numbers: \_\_\_\_\_

Percentage of trees to be retained ((A-B)/Ax100) note: must be at least 30% \_\_\_\_\_ %

### RIGHT OF WAY TREES

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**TREE REPLACEMENT**

Tree replacement- removed trees must be replaced based on the ratio in the table below. Replacement trees shall be conifers at least six feet tall and or deciduous at least one and one-half inches in diameter at base.

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