MEDINA, WASHINGTON



JOINT CITY COUNCIL AND PLANNING COMMISSION SPECIAL MEETING

Virtual/Online

Tuesday, September 21, 2021 - 4:00 PM

AGENDA

MAYOR | Jessica Rossman
DEPUTY MAYOR | Cythnia F. Adkins
COUNCIL MEMBERS | Roger Frey, Jennifer Garone, Harini Gokul, Alex Morcos, Bob Zook
CITY MANAGER | Michael Sauerwein
CITY ATTORNEY | Scott Missall
CITY CLERK | Aimee Kellerman

COMMISSION CHAIR | Laurel Preston
COMMISSION VICE-CHAIR | Shawn Schubring
COMMISSIONERS | Laura Bustamante, David Langworthy, Mark Nelson, Mike Raskin, Randy
Reeves
PLANNING MANAGER | Stephanie Keyser

Virtual Meeting Participation

With the passage of the City's Proclamation of Local Emergency, City Hall is closed to the public. Council and Planning Commission participation in this meeting will be by teleconference/online only. Members of the public may also participate by phone/online. Individuals wishing to speak live during the Virtual Joint City Council and Planning Commission meeting will need to register their request with the City Clerk at 425.233.6411 or email akellerman@medina-wa.gov and leave a message before 2PM on the day of the September 21 Joint City Council and Planning Commission meeting. Please reference Public Comments for September 21 Joint City Council and Planning Commission Meeting on your correspondence. The City Clerk will call on you by name or telephone number when it is your turn to speak. You will be allotted 3 minutes for your comment and will be asked to stop when you reach the 3 minute limit.

Joint Microsoft Teams Meeting

+1 360-302-2562United States, Seattle (Toll)

Conference ID: 843 614 033#

Council may take action at this meeting.

1. SPECIAL MEETING - CALL TO ORDER / ROLL CALL

Council Members Adkins, Frey, Garone, Gokul, Morcos, Rossman and Zook

Planning Commissioners Members Bustamante, Langworthy, Nelson, Preston, Raskin, Reeves and Schubring

2. SPECIAL MEETING TOPIC(S)

2.1 Tree Code Retention and Replacement Proposal

Recommendation: N/A

Contact(s): Stephanie Keyser, Planning Manager

Time Estimate: 90 minutes

2.2 Comp Plan 101

Recommendation: N/A

Staff Contact(s): Stephanie Keyser, Planning Manager

Time Estimate: 15 minutes

2.3 2021-2022 Proposed Planning Commission Work Plan

Recommendation: Approve

Contact(s): Stephanie Keyser, Planning Manager

Time Estimate: 15 minutes

3. ADJOURNMENT

CERTIFICATION OF POSTING AGENDA

The agenda for the Tuesday, September 21, 2021 Special Meeting of the Joint City Council and Planning Commission was posted and available for review on Friday, September 17, 2021 at City Hall of the City of Medina, 501 Evergreen Point Road, Medina, WA 98039. The agenda is also available on the city website at www.medina-wa.gov.



MEDINA, WASHINGTON

AGENDA BILL

Tuesday, September 21, 2021

Subject: Tree Code Retention and Replacement Proposal

Category: Discussion

Staff Contact(s): Stephanie Keyser, Planning Manager

Summary

At the September 2020 joint meeting, City Council placed a review of the tree code on Planning Commission's work plan. Wanting to keep the scope of the discussion narrow to ensure the code amendments could be adopted by the end of 2021, Council requested a review of the tree retention and replacement requirements for new single-family construction (MMC 20.52.110) and the minimum performance standards for land under development (MMC 20.52.130).

The result of many months of hard work and thoughtful discussions is attached. A redlined draft as well as a clean copy are included as well as the tree permit date from 2015 to the present.

Attachment(s)

- 1. Staff Memo
- 2. Tree Code Draft (redlined)
- 3. Tree Code Draft (clean)
- 4. Tree Permit Data 2015 present
- 5. City of Medina's List of Suitable Tree Species
- 6. Tree Activity Permit 2019 79th Ave NE
- 7. Detailed Lot Analysis
- 8. Guide to Tree Appraisals

Budget/Fiscal Impact: N/A

Recommendation: N/A

City Manager Approval: N/A

Proposed Council Motion: N/A

Time Estimate: 90 minutes



CITY OF MEDINA

501 EVERGREEN POINT ROAD | PO BOX 144 | MEDINA WA 98039-0144 TELEPHONE 425-233-6400 | www.medina-wa.gov

MEMORANDUM

DATE: September 21, 2021

TO: Medina City Council and Planning Commission

FROM: Stephanie Keyser, AICP, Planning Manager

RE: Tree Code Retention and Replacement Proposal

This memorandum is the product of months of thoughtful discussions and thorough analysis done by the Planning Commission. The discussion in this packet will hopefully provide a roadmap of reasoning as to why certain decisions were made, culminating in the proposed tree code amendment (Attachment A). The goal of these amendments is to preserve the wooded environment that Medina residents have come to know and love while balancing property owners' rights to redevelop their land. Included in this packet is a redlined version of the proposed code (Attachment A), a clean version with all proposed changes accepted (Attachment B), the raw tree permit data from 2015 to the present (Attachment C), City of Medina's List of Suitable Tree Species (Attachment D), the tree activity permit from 2019 79th Ave NE which is the property that ignited this reinvestigation into the tree code (Attachment E), a detailed analysis of six lots using the proposed code (Attachment F), and Purdue University's guide to appraising trees (Attachment G). When reading the redlined draft code, the language that is currently in the code but has been moved to a new section is <u>underlined</u>, while completely new language is <u>red and underlined</u>.

BACKGROUND

In 2020, a handful of redevelopment projects caused a visceral reaction from the community. These redevelopments appeared to be able to cut down a significant number of trees which gave the land a stark, clear-cut appearance. The city is unable to mandate or enforce anything beyond what the code provides. A review of the tree activity permits for these properties revealed that they did meet the requirements of the code. This information illuminated the fact that the tree code, which was last updated in 2015, was not working as originally intended.

During the September 2020 joint meeting, Council placed a review of the tree code on Planning Commission's work plan with a deadline to adopt an amendment by the end of 2021. To ensure Planning Commission met this deadline, the scope of the work plan item was narrowed to looking at the tree retention and replacement requirements for new single-family construction (MMC 20.52.110) and the minimum performance standards for land under development (MMC 20.52.130). The actual work plan task is presented below:

Review tree retention and replacement requirements for new single-family construction

Description

Medina's sylvan nature is something that distinguishes it from the surrounding jurisdictions and contributes to its high-quality residential character. Recent projects have demonstrated a deficiency in the tree code regarding new construction. This task would only review the sections of the tree code that relate to new single-family site redevelopment.

Requests to Staff

The first step will be to examine the retention and replacement requirements for lots undergoing redevelopment.

Deliverable

The initial deliverable from PC to CC would be a high-level recommendation regarding changes to the retention and replacement requirement in the tree code for new single-family development (MMC 20.52.110) and/or the minimum performance standards for land under development (MMC 20.52.130).

TREE ACTIVITY PERMITS AND EXISTING CODE ANALYSIS

The first step to any code amendment is an analysis of the existing conditions. For this work plan task, the existing conditions are determined by two components: 1) the tree permits that have been approved since the most recent tree code amendment in 2015 and 2) a review of the current tree code. While there are multiple types of tree permits, only the permit associated with land under development was reviewed; this type of permit is called tree activity permit.

Tree Activity Permits 2015 – Present

Medina's tree code has different requirements for land that is under development and land that is not. For this work plan item, Planning Commission was direct to only look at the section of the code that regulate land under development, or new construction. The most recent tree code amendment went into effect on July 31, 2015. The first tree permits to be vested under the new code were submitted in August of that year. Staff reviewed the records that are available and analyzed 110 approved tree activity permits associated with land under development (Attachment C). This does not include tree activity permits that were submitted for non-residential uses such as the Overlake Golf and Country Club or the St. Thomas School, permits that were missing data, or permits still under review.

To understand the data, one must first be aware that Medina's code converts trees into tree units. Only a significant tree, which is a tree with at least 6-inch DBH and is a species identified on the *City of Medina List of Suitable Tree Species* (Attachment D), is assigned a tree unit. The tree unit number is based upon the size of the tree in diameter breast height (DBH) and the type of tree (deciduous vs. coniferous) it is. The current code's tree unit table is below:

Table 20.52.130(C) Existing Tree Unit

Tree Type	Diameter Breast Height of Existing Tree	Tree Unit
Deciduous	6 to 10 inches	0.75
Deciduous	Greater than 10 inches	1.0
	6 to 10 inches	0.75
Coniferous	Greater than 10 inches, but less than 50 inches	1.0
	50 inches and greater	1.25

To gain a clearer picture of what is happening, Attachment C includes not just the tree units, which are the existing trees converted according to Table 20.52.130(C), but also the number of actual trees. The 110 tree activity permits span August 2015 until July 21, 2021. Those permits were comprised of 2,146 tree units, or 2,290 total trees on site. There were 785 tree units (839 actual trees) removed for a net 1,361 tree units (1,451 actual trees). Of the 110 tree activity permits, 44 of them (40%) were required to plant supplemental trees which resulted in 116 supplemental tree units (209 actual trees). It should be noted that the reason for the large discrepancy between the required supplemental tree units and actual trees planted is that some projects planted significantly more trees than were required. The redevelopment of these lots resulted in a decrease of 31.17% in tree units (27.52% reduction of actual trees on site).

Existing Tree Code Analysis

The existing tree code analysis began with a review of the sections that were called out the in the work plan item: tree retention requirements (MMC 20.52.110) and the minimum performance standards for land under development (MMC 20.52.130). As the discussions evolved, it became clear that a comprehensive analysis could not be done without considering the legacy tree section (MMC 20.52.120). Additionally, the lack of guidance in the code over where trees should be preserved or replanted and whether larger lots should have location requirements rounded out the review.

Tree Retention and Minimum Performance Standard

In the existing code, the two main sections that regulate tree activity for land under development are the tree retention requirements (MMC 20.52.110) and the minimum performance standards (MMC 20.52.130). One of the first things that became evident is that there is a conflict between these two sections. The retention section gives applicants a choice on the percentage of trees that they are required to retain on site when their land is under development. The percentages range from 50, 40, 35 and 25 and which option is utilized is dependent on the DBH of the existing trees on site. The minimum performance standards look at the square footage of the entire site, converts the existing trees into tree units, and sets a minimum tree density ratio for the lot at .35 (for example, a 10,000 square foot lot would be required to have a minimum of 3.5 tree units on site –

10,000/1,000 = 10 * .35 = 3.5). However, there is a clause in the retention portion of the code that reads, the requirement for tree retention...shall not exceed the trees necessary to meet the required tree units set forth in MMC 20.52.130 (MMC 20.52.110(C)). This means that regardless of whatever percentage option a homeowner elects to utilize, they will never be required to keep more trees on their property than the tree units required by the tree density ratio. While the current tree retention requirement section has good intentions, the inclusion of this clause effectively negates the entire section and simply steers people toward the actual guiding framework for tree preservation in the code which is the density ratio.

Location

While the intent of the tree code might be to retain trees, there is no further guidance or example of what or where that means. This is, in staff's opinion, a fatal flaw when writing any code. This resulting ambiguity was no more perfectly exemplified than with the approval of the tree activity permit for 2019 79th Avenue NE (Attachment E). The owners met the requirements of the code but because the code is silent on where trees should be retained, they opted to only keep those along the back perimeter of their property. While reviewing the tree codes of other jurisdictions¹, many of them have created priorities on where trees should be retained. Areas such as critical areas and their buffers, low impact development (LID) stormwater retention facilities, and site perimeters are commonly prioritized areas.

Legacy Trees

Legacy trees are supposed to be those trees that, due to their size, are collectively recognized as contributing to the character of the community. Concern was raised by the Planning Commission that the code fails to disincentivize the removal of these trees by requiring three supplemental trees to be planted and paying \$400 for each replacement inch not accounted for in the planting of replacement trees. If a property removed a 50-inch DBH legacy tree and planted three 2-inch replacement trees, they would be required to pay \$17,600 (50-inches removed, three 2-inch replacements trees = 6 replacement inches, $50 - 6 = 44 \times 400 = 17,600$). For a multi-million dollar project, paying \$17,600 to get a better view or have a larger driveway is clearly not going to be an issue.

Another consideration for legacy trees that was discussed was perhaps the threshold for what qualifies as a legacy is too large at 50-inch DBH. If trees are as valuable as the community says they are, then perhaps more trees should be protected under that umbrella of legacy status.

Large Lot Considerations

It is difficult to analyze any portion of Medina's development code without calling out the disparity amongst lot sizes. It is not surprising that larger lots (anything 20,000 square feet or larger) statistically have more trees than smaller lots. Nor should it be surprising that these lots are then able to cut down more trees. While no one wants to penalize a property owner that just happens to own a heavily wooded lot, it might make sense for them to have additional considerations. For example, requiring that trees be preserved in different areas of the lot and not just along a back

¹ Bellevue, Mercer Island, and Sammamish all have location requirements depending on the type of activity associated with development.

property line. This type of requirement would not be appropriate for smaller lots that may only have two or three trees to begin with.

PROPOSED TREE CODE AMENDMENTS

It was not the desire of Planning Commission to completely reinvent the tree code. Working within the existing framework, the following proposed changes are intended to simplify the code while also increasing tree preservation.

Preservation Not Retention – Throughout

The word preservation has replaced retention in the code. Although a minor change, the Commission felt the distinction in preservation aligns better with the intention and spirit of the tree code.

General Provisions and Applicability – New Section

A new section has been created (MMC 20.52.015). The purpose of this is to provide one section of clear direction that is applicable to all tree removal projects that are associated with development. This section is a combination of existing text and new language to fill out some of the missing guidance in the code, specifically identifying that tree preservation is a key step in site planning process.

Tree Retention Requirements – *Repealed*

The Tree Retention Requirements (MMC 20.52.110) has been repealed. This does not mean we are not requiring sites to preserve trees. As explained in the existing tree code analysis above, the retention section conflicted with the performance standard/density ratio requirement for each lot. To provide clearer direction to applicants, other mechanisms in the code have been both created and increased (see legacy and landmark trees, updated tree density ratio, updated tree unit, supplemental tree standards and priorities, and tree preservation plan below). The cumulative result of the proposed amendments will be the preservation of more trees with greater consideration given to their location.

Legacy and Landmark Trees – Existing Section Amended

The threshold for what qualifies as a Legacy tree has been reduced from 50-inches to 36-inches and a new category of tree called Landmark tree, which are those trees with a DBH of 100-inches and above, has been created. This will create three classes of trees: significant (those with 6-inch DBH but less than 36-inches); Legacy (those with 36-inch DHB up to less than 100-inches); and Landmark (those with 100-inch DBH and greater). By lowering the threshold of what counts as a legacy tree, it sends a clear policy direction to homeowners that the city values these trees and does not want to lose them. The mitigation required for removal of one of these trees increases with each class of tree with Landmark having the most stringent requirements.

By lowering the threshold for what qualifies as a Legacy tree, it became clear that the mitigation needed to be adjusted as well. The current code calculates replacement trees by multiplying the DBH of the removed tree by 50% to establish replacement inches. In order to prevent small lots from being burdened with planting an absurd amount of replacement trees if a 36-inch DBH Legacy tree were removed², a new scale relative to lot size has been created. In the proposal, lot sizes are broken out into the same five groupings used for the setback requirements (MMC 20.22.030). These groupings are: less than 10,001; from 10,001 to 13,000; from 13,001 to 15,000; from 15,001 to 20,000; greater than 20,000. The required replacement DBH is a sliding scale from 10% up to 50%. Examples of how this would translate for each grouping may be found below:

Lot size: 10,000 sq. ft.

Legacy tree DBH removed: 36"

Required replacement inches: 10% removed DBH

Required inches = 3.6 = 4 rounded up

 $(36 \times .1 = 3.6 = 4)$

Lot size: 12,000 sq. ft.

Legacy tree DBH removed: 36"

Required replacement inches: 15% removed DBH

Required inches = 5.4 = 6 rounded up

 $(36 \times .15 = 5.4 = 6)$

Lot size: 15,000 sq. ft.

Legacy tree DBH removed: 36"

Required replacement inches: 25% removed DBH

Required inches: 9 $(36 \times .25 = 9)$

Lot size: 18,000 sq. ft.

Legacy tree DBH removed: 36"

Required replacement inches: 35% removed DBH

Required inches: 12.6 = 13 rounded up

 $(36 \times .35 = 12.6 = 13)$

Lot size: 20,000 sq. ft.

Legacy tree DBH removed: 36"

Required replacement inches: 50% removed DBH

Required inches: 18

 $(36 \times .5 = 18)$

There is no sliding scale option for Landmark trees which have a one-for-one replacement inch requirement. If a healthy Landmark tree that has a DBH of 100-inches is removed, the quantity of replacement inches required is 100. It is acknowledged that very few properties would be able to

² Removing a 36-inch tree would require 18 replacement inches or 9 tree minimum. This requirement would be nearly impossible to meet on an 8,000 square foot lot.

accommodate planting that many supplemental trees. In this instance, fee-in-lieu of plantings would be accepted (*see fee-in-lieu below*).

Increase Tree Density Ratio – *Existing Table Amended*

The density ratio (Table 20.53.130(B)) determines how many tree units are required onsite. The proposal increases this number from .35 to .4 which will require more trees to be retained on site. For example, a 15,000 square foot lot currently is required to have 5.25 tree units on site (15,000 / 1,000 = 15 * .35 = 5.25). Increasing the density ratio to .4 would require 6 tree units on site (15,000 / 1,000 = 15 * .4 = 6).

Decrease Existing Tree Unit – Existing Table Amended

Once the tree density ratio is determined, the existing trees on site are assigned a tree unit based on type (deciduous vs. coniferous) and DBH. The proposal reduces the tree unit by .25 for each category (Table 20.52.130(C)). The rationale for doing this is that more trees will be required to meet the density ratio. Using the same example from above, achieving the required 6 units could be met multiple ways. One possibility would be to preserve 6 36-inch DBH trees while another option would be to preserve 12 6-inch DBH trees; how a property meets this requirement depends on what exists on site. Throughout the detailed lot analysis (Attachment F) it was discovered that increasing the density ratio and decreasing the tree unit number resulted in the most required trees (either by preservation or through supplementation).

The reduction of the Legacy tree threshold from 50-inches to 36-inches also amends the cut off for the assigned tree unit for conifers. Trees from 6-10 inches are assigned a unit of 0.5, 10-less than 36-inches are assigned a unit of 0.75, and 36-inches and larger are assigned a unit of 1.0 as shown below.

Table 20.52.130(C) Existing Tree Unit

Tree Type	Diameter Breast Height of Existing Tree	Tree Unit
Deciduous	6 to 10 inches	<u>0.5</u>
Deciduous	Greater than 10 inches	<u>0.75</u>
	6 to 10 inches	<u>0.5</u>
Coniferous	Greater than 10 inches, but less than 50 36 inches	0.75
	50 36 inches and greater	<u>1.0</u>

Supplemental Tree Standards and Priorities Not Off-Site Tree Planting – Existing Section Amended

Off-Site Tree Planting (MMC 20.52.140) has become Supplemental Tree Standards and Priorities. The purpose of amending this section is to establish priorities where supplemental trees (when applicable) should be planted. This will hopefully prevent future projects from only preserving the trees along the back property line. Supplemental trees may be planted on site, off site, or if there is insufficient area to replant, the director or designee may authorize payment of a fee-in-lieu. When planted on site, the following is the order of priority: 1) adjacent to critical areas and their associated buffers, 2) adjacent to low impact development (LID) stormwater facilities, 3) within the first 15-feet of the front property line, 4) within the immediately adjacent right-of-way.

Tree Preservation Plan Not Tree Removal and Planting Plan – Existing Section Amended

Tree Removal and Planting Plan (MMC 20.52.320) has become Tree Preservation Plan. Every tree permit for land under development is required to submit a plan that identifies where the trees on site are located, what type of tree they are, whether they are going to be removed or preserved, and how the preserved trees will be protected. The proposed amendments would require the preservation plan to show compliance with new objectives that include: trees being incorporated as a site amenity with forested sites, to the extent possible, retaining their forested look; trees being preserved as vegetated islands and stands rather than isolated trees; and trees being healthy. When it specifically comes to the preservation of significant trees, the following priorities have been established for preserving significant trees: trees that form a continuous canopy; trees adjacent to critical areas and their associated buffers; trees located within the first 15-feet adjacent to a property line; trees that will be used as part of a low impact development (LID) storm water facility; and trees taller than 60 feet or greater than 24-inch DBH.

As Planning Commission found when discussing bulk, larger lots have a different baseline from smaller lots. Regarding trees, these lots typically have more trees on site to begin with and are therefore able to take down more trees which creates that clear-cut appearance. To try and address this, an additional requirement is suggested to be placed on lots larger than 20,000 square feet (excluding lots in the Shoreline Jurisdiction, which have their own regulations). The suggestion would be for some of the required trees to be preserved equally along the front and rear property lines and the remaining required trees to be preserved in the site interior.

Fee-in-Lieu - New Section

A new section has been created for fee-in-lieu to consolidate the multiple mentioning of the process into one location. Fee-in-lieu has always been an option, but now it is only available if the director or designee determines that there is insufficient area on the property to replant. To address the concern that the fees are too low and fail to act as a deterrent, it is suggested that the fees themselves will tied to the most current *Council of Tree and Landscape Appraisers Guide for Plant Appraisal*³. This is a book published by the International Society of Arboriculture (ISA) and is becoming a standard for determining the value of a tree. The Council of Tree and Landscaper Appraisers

³ Purdue University put out a brochure that succinctly explains the benefits of using the *Council of Tree and Landscape Appraisers Guide for Plant Appraisal* much better than staff ever could. It is available as Attachment G.

periodically updates their appraised values, which will take the burden off the city having to raise the fees every few years.

TIMELINE FOR ADOPTION

The proposed timeline for adoption is below:

Action	Date	Status
Draft Tree Code Available Online	Late August	Completed
Joint PC/CC Meeting	September 21	Pending
PC Meeting	September 28	Pending
SEPA and Department of Commerce	October 1	Pending
Tree Code Open House (online)	October 14	Pending
PC Tree Code Public Hearing and	October 19	Pending
Recommendation		
CC Tree Code Public Hearing	November 8	Pending
CC Tree Code Final Adoption	December 13	Pending

For ease of identifying what's new, the code language that is existing but has been moved to a new section is <u>underlined</u>, while the completely new language is <u>red and underlined</u>.

Chapter 20.52

TREE MANAGEMENT CODE

Sections:	
20.52.010	Purpose and intent.
20.52.015	General provisions and applicability.
20.52.020	Applicability of the tree management code.
20.52.025	Repealed.
20.52.030	Exemptions.
20.52.040	Using this chapter.
20.52.050	Designation of significant tree species.
20.52.060	Repealed.
20.52.070	Repealed.
20.52.080	Repealed.
20.52.090	Repealed.
20.52.100	Designation of land under development.
20.52.110	Tree retention requirements. Repealed.
20.52.120	Legacy and Landmark tree protection measures.
20.52.130	Minimum performance preservation standards for land under development.
20.52.140	Off-site tree planting Supplemental tree standards and priorities.
20.52.150	Minimum restoration standards for land not under development.
20.52.160	Repealed.
20.52.200	Hazard tree risk assessment.
20.52.210	Nuisance tree.
20.52.220	City arborist established.
20.52.300	Notice of tree removal involving no construction.
20.52.310	Tree activity permits.
20.52.320	Tree removal and planting preservation plan.
20.52.330	Fee-in-lieu of supplemental plantings.
20.52.340	Tree protection measures during construction.
20.52.400	City tree removals.
20.52.410	Minimum street tree standards.
20.52.420	Owner responsibility within city rights-of-way.
20.52.500	Liability.
20.52.510	Other general provisions.

20.52.010 Purpose and intent.

A. The purpose of the tree management code is to preserve the existing sylvan appearance through long-term <u>retention preservation</u> and planting of trees that contribute to the community's distinct features including proximity to the lakeshore, views, heavily landscaped streetscapes, and large tracts of public and private open spaces.

B. The intent of this chapter is to establish regulations and standards that:

- 1. Protect and preserve the existing tree canopy;
- 2. Provide homeowners flexible standards that encourage the preservation of trees while recognizing the importance of having access to sunlight and views;
- 3. Recognize through the standards in this chapter that certain factors may require the removal or pruning of certain trees due to circumstances such as disease, danger of falling, proximity to structures and improvements, interference with utility services, protection of view and sunlight, and the reasonable enjoyment of property;
- 4. Encourage best practices for the planting and managing of trees appropriately to minimize hazards, nuisances, and maintenance costs while allowing access to sunlight and views;
- 5. Prevent the indiscriminate removal or destruction of trees except as provided for in accordance with this chapter;
- 6. Promote building and site planning practices consistent with the purpose and intent of this chapter;
- 7. Ensure prompt development, restoration, replanting and effective erosion control of property after tree removal with landscape plans and other reasonable controls; and
- 8. Foster public education on the local urban forestry program and encourage good tree management consistent with this chapter. (Ord. 923 § 9, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.015 General provisions and applicability:

Where land is designated as under development pursuant to MMC 20.52.100, the preservation of healthy trees shall be considered in accordance with the following guidance:

- 1. Tree preservation shall be included as a primary step in site planning and shall be achieved by meeting the minimum required tree units established in Table 20.52.130(B).
- 2. Site design strategies and specific development site areas demonstrating preservation of significant trees shall be presented at the pre-application meeting with the city.
- 3. A tree preservation plan shall be required that demonstrates the objectives outlined in MMC 20.52.320.
- 4. <u>Any applicable grading plans, pursuant to MMC Chapter 20.43, shall be developed to avoid significant alteration to the grades around preserved trees.</u>
- 5. <u>Multiple applications of the tree retention preservation requirements in this section</u> chapter over a 10-year period shall not cause the number and size of trees required to be

- retained to be reduced below the number and size of trees required to be retained with the first application.
- 6. When calculating retention requirements tree preservation requirements, trees excluded from retention preservation requirements shall not be included in the calculation.
- 7. For the purpose of calculating tree density requirements, critical areas and their associated buffers shall be excluded from the lot area used for calculation (example: a 16,000 square foot lot has a stream on site that encompasses 1,500 square feet including the stream buffer. The lot area used for tree density calculation would be 14,500 square feet (16,000 1,500 = 14,500) provided:
 - a. Critical areas shall be limited to wetlands, streams, geologically hazardous areas, conservation easements, and their associated buffers as described in MMC Chapters 20.50 and 20.67; and
 - b. Removal of any vegetation or woody debris, including trees, from a critical area is subject to the regulations in MMC Chapters 20.50 and 20.67.
- 8. All of the following shall be excluded from the requirements of this section chapter:
 - a. Hazard trees designated pursuant to MMC 20.52.200;
 - b. Nuisance trees designated pursuant to MMC 20.52.210 and where, if applicable, re-development does not remedy the conditions causing the nuisance;
 - c. Those significant trees having less than a 36 24-inch diameter breast height size and located within the footprint of the principal building on the lot.

20.52.020 Applicability of the tree management code.

A. No person or their representative, directly or indirectly, shall remove or destroy trees located on private property or public property within the jurisdictional boundaries of the city except as provided for in accordance with this chapter.

B. Additional tree management requirements are set forth in the Medina shoreline master program as provided in MMC 20.66.050. (Ord. 923 § 10, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.025 Using this chapter.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.030 Exemptions.

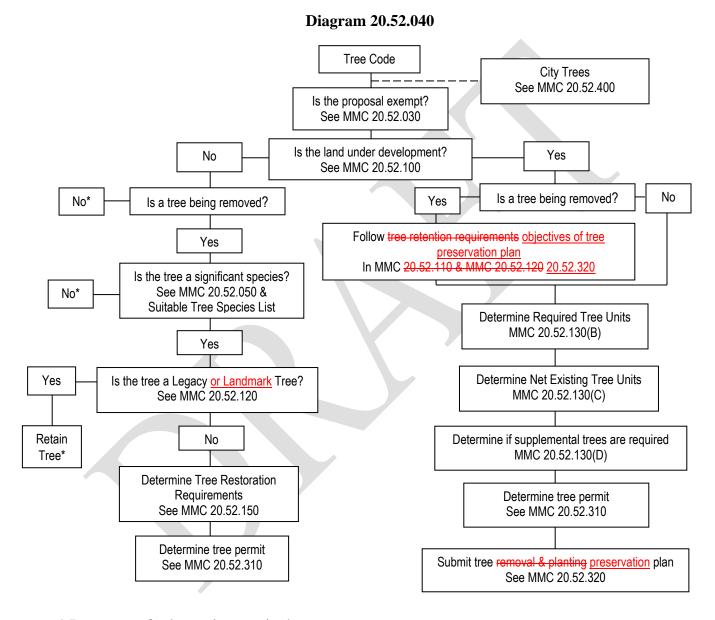
The following are exempt from the requirements in this chapter:

A. Trees less than six inches diameter breast height unless the tree is used to satisfy a requirement of this chapter;

- B. Normal and routine trimming and pruning operations and maintenance of trees and vegetation on private property following the most current ANSI standards;
- C. Emergency tree removal or hazard pruning for any tree that poses an imminent threat to life or property provided:
 - 1. The city is notified within seven days after the emergency tree removal or hazard pruning takes place and evidence is provided of the imminent threat supporting the emergency tree removal; and
 - 2. If evidence of the imminent threat is not provided, or the director determines the evidence does not warrant an emergency tree removal, the director may require the responsible person to obtain a permit as prescribed by this chapter and require compliance with the requirements of this chapter;
- D. Trimming and pruning operations and maintenance of trees and vegetation following the most current ANSI standards or removal of trees performed by the city or a contractor contracted by the city within a public right-of-way or city-owned parkland;
- E. Removal of trees and vegetation management by the city or an agency under contract with the city for purposes of installing and maintaining fire hydrants, water meters, pumping stations, or similar utilities; or
- F. The removal of a dead tree where the director pre-determines that the tree died from naturally occurring causes. (Ord. 923 § 12, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.040 Using this chapter.

This chapter prescribes the requirements for tree retention preservation and planting on lands undergoing development, and the requirements for removal of significant trees on private and public lands. Diagram 20.52.040 offers a user's guide that outlines the general process for applying the provisions of this chapter.



^{*} Denotes no further action required.

20.52.050 Designation of significant tree species.

A. A list of suitable tree species consisting of coniferous and deciduous trees is set forth in the document entitled "City of Medina List of Suitable Tree Species," adopted by Ordinance No. 923 and on file with the city for the purpose of establishing significant tree species on private

property, public property, and city rights-of-way; and tree species that are eligible for credits in this chapter.

- B. The director shall maintain the "City of Medina List of Suitable Tree Species" document at Medina City Hall and may administratively modify the list consistent with the following criteria:
 - 1. The designation of coniferous trees should include all species excluding tree species known to have invasive root structures and to be fast growing such as Leyland cypress and should also exclude trees planted, clipped or sheared to be used as a hedge;
 - 2. The designation of deciduous trees should include those suitable to United States Department of Agriculture Plant Hardiness Zones 8 and 9, excluding those trees with crown diameter of 10 feet or less at maturity;
 - 3. Plantings of the following tree species within the city's rights-of-way shall be prohibited: London plane, quaking aspen, Lombardy poplar, bolleana poplar, cottonwood, and bigleaf maple.
- C. The director shall submit proposals to modify the "City of Medina List of Suitable Tree Species" to the city council for their consideration. The city council may approve, modify or deny the proposed modifications. The city council may also decline to take action on the proposed modifications, in which case the modifications shall be incorporated into the list and take effect five days after the date the city council declines to take action.
- D. The "City of Medina List of Suitable Tree Species" is used in conjunction with the definition of significant tree set forth in MMC 20.12.200 to denote the term significant tree as used in this chapter. (Ord. 923 § 14, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.060 Notice of tree removal involving no construction.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.070 Tree removal and replacement plan.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.080 Designation of significant tree species.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.090 Tree replacement requirements.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.100 Designation of land under development.

Land is designated as under development for purposes of this chapter if one or more of the following conditions is present:

- A. Any development activity requiring a building permit where:
 - 1. Construction of a dwelling having a gross floor area of 2,500 square feet or more;

- 2. Construction of accessory buildings on property containing a residential use, or supporting a residential use, where the total gross floor area of all accessory buildings on the lot is 1,000 square feet or more;
- 3. Any building constructed to be occupied principally by a nonresidential use where the gross floor area of the building is 1,000 square feet or more;
- 4. Any series of exterior alterations, modifications or additions that over a four-consecutiveyear period increases the total building footprint on a lot by more than 500 square feet or 15 percent, whichever is larger;
- 5. Construction of any structures, including but not limited to driveways, decks, patios, and walkways, that over a four-consecutive-year period increases the impervious surface on the lot by a total of 2,000 square feet or more;
- 6. Grading that over a four-consecutive-year period totals 2,000 cubic yards or more.
- B. Any development activity requiring a building permit, a right-of-way permit, and/or a land use or shoreline permit where:
 - 1. One or more significant trees are removed, with at least one tree having a 10-inch diameter breast height or larger size; or
 - 2. Four or more significant trees are removed, provided each has less than a 10-inch diameter breast height size; and
 - 3. The criteria in subsections (B)(1) and (2) of this section shall include the following trees:
 - a. Significant trees removed within two years prior to the submittal of an application for such permits; or
 - b. Significant trees removed within two years after such permits are finalized by the city and the project completed.
- C. Clearing or grubbing of land that:
 - 1. Is located outside of city rights-of-way;
 - 2. Requires no permits, except for a tree permit; and
 - 3. Removes four or more significant trees, with at least four trees having a 10-inch diameter breast height or larger size, over a four-consecutive-year period.
- D. The counting of removed trees under subsections (B) and (C) of this section shall not include those trees designated as a hazard or nuisance tree pursuant to MMC 20.52.200 and 20.52.210, respectively. (Ord. 925 § 1, 2015; Ord. 923 § 16, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.110 Tree retention requirements Repealed.

A. Where land is designated as under development pursuant to MMC 20.52.100, trees within the boundaries of the lot (retention of trees in the city right of way are governed by MMC 20.52.400) shall be retained in accordance with any one of the following:

- 1. Preserve at least 50 percent of the existing trees that are:
 - a. Six inches diameter breast height and larger; and
 - b. Of a native species eligible for credit on private property as set forth in the "City of Medina List of Suitable Tree Species"; or
- 2. Preserve at least 40 percent of the existing trees that are:
 - a. Six inches diameter breast height and larger with at least half of those required to be retained each having 10 inches diameter breast height or larger size; and
 - b. Of a native species eligible for credit on private property as set forth in the "City of Medina List of Suitable Tree Species"; or
- 3. Preserve at least 35 percent of the existing trees that are:
 - a. Six inches diameter breast height and larger with at least half of those required to be retained meeting the following:
 - i. All shall have a diameter breast height size of 10 inches or larger; and
 - ii. Forty percent shall have a diameter breast height size of 24 inches or larger; and
 - b. Of a native species eligible for credit on private property as set forth in the "City of Medina List of Suitable Tree Species"; or
- 4. Preserve at least 25 percent of the existing trees that are:
 - a. Six inches diameter breast height and larger with at least 75 percent of those required to be retained each having 24 inches diameter breast height or larger size; and
 - b. Of a native species eligible for credit on private property as set forth in the "City of Medina List of Suitable Tree Species."
- B. All fractions in subsection (A) of this section shall be rounded up to the next whole number.
- C. The requirement for tree retention under subsection (A) of this section shall not exceed the trees necessary to meet the required tree units set forth in MMC 20.52.130.
- D. Multiple applications of the tree retention requirements in this section over a 10-year period shall not cause the number and size of trees required to be retained to be reduced below the number and size of trees required to be retained with the first application.

E. When calculating retention requirements, trees excluded from retention requirements shall not be included in the calculation.

- F. All of the following shall be excluded from the requirements of this section:
 - 1. Hazard trees designated pursuant to MMC 20.52.200;
 - 2. Nuisance trees designated pursuant to MMC 20.52.210 and where, if applicable, redevelopment does not remedy the conditions causing the nuisance;
 - 3. Those significant trees having less than a 36 inch diameter breast height size and located within the footprint of the principal building on the lot. (Ord. 923 § 17, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.120 Legacy and Landmark tree protection measures.

This section applies to trees designated as <u>IL</u>egacy <u>and Landmark</u> trees, which are native trees that because of their age, size and condition are recognized as having <u>exceptional</u> <u>outstanding</u> value in contributing to the character of the community. <u>Legacy and Landmark trees within the shoreline jurisdiction are regulated in MMC 20.66.050.</u>

A. A <u>Legacy or Landmark</u> tree meeting all of the following criteria shall be designated as a legacy tree by meeting the following criteria:

1. Legacy tree:

- 4a. The tree species is denoted as a legacy tree on the "City of Medina List of Suitable Tree Species"; and
- 2b. The diameter breast height of the tree is 50 36 inches or larger but less than 100 inches; and
- <u>3c</u>. The city arborist determines the tree to be healthy with a likelihood of surviving more than 10 years based on assumptions that:
 - ai. The tree is properly cared for; and
 - bii. The risk of the tree declining or becoming a nuisance is unenhanced by any proposed development; and.

2. Landmark tree:

- a. The tree species is denoted as a legacy tree on the "City of Medina List of Suitable Tree Species"; and
- b. The diameter breast height of the tree is 100 inches or larger; and
- c. The city arborist determines the tree to be healthy with a likelihood of surviving more than 10 years based on assumptions that:
 - i. The tree is properly cared for; and

ii. The risk of the tree declining or becoming a nuisance is unenhanced by any proposed development.

4. The tree is not:

- a. A hazard tree pursuant to MMC 20.52.200; or
- b. A nuisance tree pursuant to MMC 20.52.210; excluding those trees where, if applicable and feasible, redevelopment can remedy the conditions causing the nuisance; or
- c. Located within the footprint of the principal building on the lot, excluding those trees where alternative design of the building is feasible in retaining the tree.
- B. Legacy <u>and Landmark</u> trees shall be preserved and retained unless replacement trees are planted in accordance with the following:

1. Legacy tree:

- 4<u>a</u>. The quantity of replacement trees is calculated by multiplying the diameter breast height of the each subject <u>1</u>Legacy tree by <u>50 percent the required percentage standards in Table 20.52.120(B)</u> to establish the number of replacement inches; and
- 2. Where more than one legacy tree is removed, the replacement inches for each legacy tree being removed shall be added together to produce a total number of tree replacement inches; and
- b. All fractions of this section shall be rounded up to the next whole number.
- 3. The total number of replacement trees is determined by the total caliper inches of the replacement trees equaling or exceeding the required tree replacement inches established in subsections (B)(1) and (2) of this section.

Table 20.52.120(B) Legacy Tree Replacement Requirements

Square Footage of the Lot Area	Required number of replacement inches
<u>Less than 10,001</u>	10% removed DBH
From 10,001 to 13,000	15% removed DBH
From 13,001 to 15,000	25% removed DBH
From 15,001 to 20,000	35% removed DBH
Greater than 20,000	50% removed DBH

The following example illustrates how to calculate legacy tree replacement units on a lot that is less than 10,001 square feet:

Lot size: 8,120 sq. ft.

Required tree units: $8,120 / 1,000 \times 0.4$ (tree density ratio) = 3.2 (rounded up to the next whole number) = 4

Total existing tree units on site: 6.5 units

Eight 10-inch DBH trees – 4 units (.5 units per tree)

Two 24-inch DBH trees - 1.5 units (.75 units per tree)

One 44-inch DBH Tree – 1 unit (1 unit per tree)

Total tree units removed: 3

Four 10-inch DBH trees = 2 units removed

One 44-inch DBH tree = 1 unit removed

Net tree units: 3.5

Supplemental Units Required: Yes (4 required tree units -3.5 net tree units) = .5

<u>Legacy Tree Removed: Yes – One 44-inch DHB tree</u>

<u>Legacy Tree Supplemental Units: $10\% \times 44 = 4.4$ (rounded up to the next whole number) = 5</u>

Landmark Tree Removed: No

<u>Total supplemental Requirements = 5.5 units (.5 supplemental units + 5 legacy supplemental units) = 6 trees</u>

2. Landmark tree:

- a. The quantity of replacement inches is calculated by multiplying the diameter breast height of each subject Landmark tree by 100 percent to establish the minimum number of replacement inches; and
- b. All fractions of this section shall be rounded up to the next whole number.

C. In lieu of planting the replacement trees prescribed in subsection (B) of this section, an applicant may satisfy the tree replacement requirements by: meeting the criteria set forth in MMC 20.52.330.

- 1. Planting at least three replacement trees; and
- 2. Contributing to the Medina tree fund at a rate of \$400.00 per each replacement inch not accounted for in the planting of replacement trees; and
- 3. The sum of the tree replacement inches accounted for by contributing to the Medina tree fund and the total caliper inches of the replacement trees planted shall not be less than the total replacement inches calculated in subsection (B) of this section.

D. Other Provisions.

1. Each replacement tree shall meet the standards prescribed in MMC 20.52.1 $\frac{34}{2}0\frac{(D)(4)(a)}{(b)}$ through (d) and (g);

- 2. The tree replacement requirements set forth in subsections (B) and (C) of this section shall apply to the removal of a <u>lLegacy and Landmark</u> trees in lieu of and in addition to requirements for removing nonlegacy trees;
- 3. The tree replacement requirements set forth in this section for a <u>Legacy and Landmark</u> tree shall not be used to satisfy requirements for removing nonlegacy trees or a pre-existing tree unit gap;
- 4. If the minimum performance preservation standards in MMC 20.52.130 are used, and if supplemental tree units are required, the tree replacement requirements set forth in subsections (B) and (C) of this section shall together count as one supplemental tree unit;
- 5. Off-site tree planting as described in MMC 20.52.140(A), (B), (C)(2), and (E) are acceptable alternatives to on-site replacement tree planting provided the director or designee approves of the off-site location in writing.

20.52.130 Minimum performance preservation standards for land under development.

A. The requirements and procedures set forth in this section shall apply to lands that are designated as under development pursuant to MMC 20.52.100. Figure 20.52.130 outlines the primary steps prescribed by this section in establishing requirements and determining compliance with this chapter.

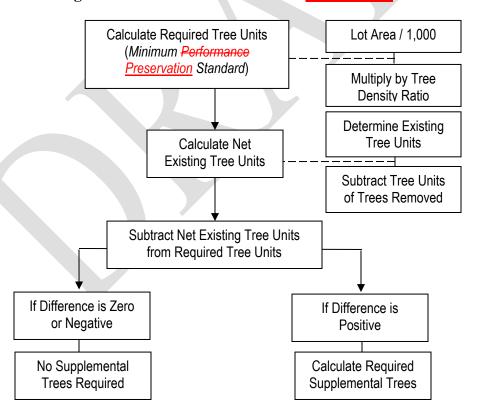


Figure 20.52.130 Tree Performance Preservation Process

B. Lots with land under development shall contain a sufficient number of significant trees to meet the minimum required tree units established by the following procedures:

- 1. The lot area is divided by 1,000 square feet; and
- 2. The quotient is multiplied by the corresponding tree density ratio applicable to the lot as set forth in Table 20.52.130(B); and
- 3. The resulting product is rounded up to the next whole number to establish the minimum number of required tree units.

Table 20.52.130(B) Tree Density Ratio

Zoning District	Category of Land Use	Tree Density Ratio
	Residential	0. 35 40
R-16, R-20, R-30 & SR-30	Golf Course	0.15
10, 10 20, 10 30 62 510 30	Nonresidential other than specifically listed	0.25
	Schools	0.15
	Parks	0.42
Public	Residential	0.3540
	Nonresidential other than specifically listed	0.25
N-A	All	0.25
State Highway	All	0.12

- C. To determine compliance with the required tree units applicable to the lot, apply the following procedures:
 - 1. Inventory all existing significant trees on the subject lot; and
 - 2. Assign a tree unit to each significant tree using the corresponding tree unit set forth in Table 20.52.130(C); and
 - 3. Add the tree units together to compute the total existing tree units and subtract the tree units of those significant trees removed to determine the net existing tree units (do not round fractions); and
 - 4. Subtract the net existing tree units from the required tree units determined in this subsection (C) to establish:
 - a. If the net existing tree units equal or exceed the required tree units then no supplemental trees are required; or
 - b. If the net existing tree units are less than the required tree units then supplemental trees are required pursuant to subsection (D) of this section.

Table 20.52.130(C) Existing Tree Unit

Tree Type	Diameter Breast Height of Existing Tree	Tree Unit
Daviduana	6 to 10 inches	0. 7 5
Deciduous	Greater than 10 inches	1.0 <u>0.75</u>
	6 to 10 inches	0. 7 5
Coniferous	Greater than 10 inches, but less than 50 36 inches	1.0 <u>0.75</u>
	50 36 inches and greater	1. 25 <u>0</u>

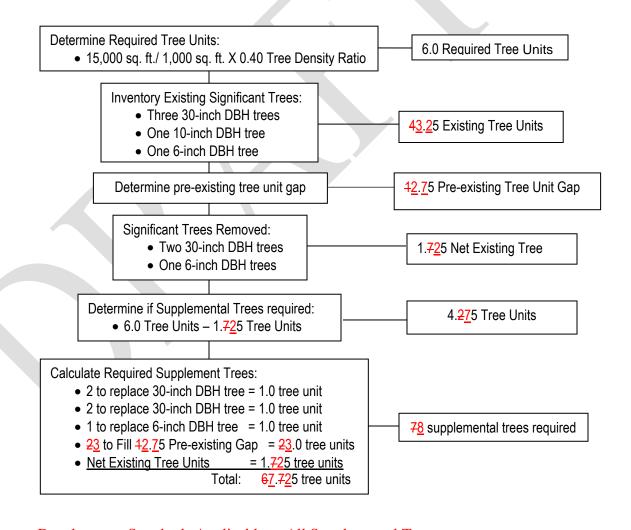
- D. If supplemental trees are required, the quantity of trees is determined by applying the following procedures:
 - 1. Determine if a pre-existing tree unit gap exists by subtracting the total existing tree units from the required tree units:
 - a. If the difference is less than zero round to zero;
 - b. A difference of zero means no pre-existing tree unit gap is present;
 - c. If the difference is greater than zero, the difference is the pre-existing tree unit gap;
 - 2. To calculate the quantity of supplemental trees required, apply the provisions in subsection (D)(3) of this section first to those supplemental trees replacing an existing significant tree starting in order with the largest tree to the smallest tree, and then, if applicable, apply subsection (D)(3) of this section to those filling a pre-existing tree unit gap;
 - 3. The quantity of supplemental trees is determined by:
 - a. Assigning a tree unit to each supplemental tree using Table 20.52.130(D);
 - b. Two supplemental trees shall be required for replacing each existing significant tree having a diameter breast height of 24 inches and larger subject to the limitation in subsection (D)(3)(d) of this section, and consistent with subsection (D)(2) of this section these shall be counted first;
 - c. The quantity of supplemental trees shall be of a sufficient number that their total assigned tree units added to the net existing tree units shall equal or exceed the minimum required tree units established in subsection (B) of this section; and
 - d. Supplemental trees in excess of those needed to meet the minimum required tree units shall not be required.

e. See Diagram 20.52.130 for an example of calculating supplemental trees.

Table 20.52.130(D) Supplemental Tree Unit

Purpose of Supplemental Tree	Diameter Breast Height of Removed Tree	Tree Unit for Supplemental Trees
	6 inches to less than 24 inches	1.0
significant tree	24 inches and larger	0.5
Fill a pre-existing tree unit gap	Not applicable	1.0

Diagram 20.52.130 Example Calculating Supplemental Trees



4. Minimum Development Standards Applicable to All Supplemental Trees.

- a. To be eligible as a supplemental tree, the tree species must be selected from the appropriate list set forth in the "City of Medina List of Suitable Tree Species" established in MMC 20.52.050;
- b. Trees shall be planted on the subject lot;
- c. Each supplemental tree shall have a minimum caliper of two inches or, if the tree is coniferous, it shall have a minimum height of six feet at the time of final inspection by the city;
- d. Trees shall be planted in a manner of proper spacing and lighting that allows them to grow to maturity;
- e. Existing trees within the boundaries of the lot having less than six inches diameter breast height may count as supplemental trees provided the tree meets all other requirements applicable to a supplemental tree;
- f. Supplemental trees replacing existing significant trees shall have at least one tree be of the same plant division (coniferous or deciduous) as the significant tree it is replacing; and
- g. The owner of the subject lot shall take necessary measures to ensure that supplemental trees remain healthy and viable for at least five years after inspection by the city and the owner shall be responsible for replacing any supplemental trees that do not remain healthy and viable for the five years after inspection by the city.
- E. All trees used to satisfy the supplemental tree requirements of this chapter shall be included as a significant tree for purposes of this chapter.
- F. In lieu of the supplemental tree requirements prescribed by this section, an owner may satisfy the requirements for supplemental trees by meeting the requirements for off-site tree planting set forth in MMC 20.52.140.

20.52.140 Off-site tree planting Supplemental tree standards and priorities.

- A. Where this chapter authorizes off-site tree plantings, an owner may use the provisions of this section to satisfy requirements for planting trees on site.
- B. Except where contribution to the Medina tree fund is used in lieu of planting required trees, application of this section shall not result in planting trees below the minimum requirements for on-site plantings.
- C. An owner may plant required trees at on off-site location provided all of the following are satisfied:
 - 1. The off-site location is within the boundaries of the city including:
 - a. Private property with the written consent of the owner of the off-site location;
 - b. City property with the written approval of the director;

- c. Other public property with the written consent of the entity with jurisdiction over the off-site location;
- 2. Existing trees at the off-site location shall not be included as satisfying tree planting requirements;
- 3. Trees planted off site in lieu of on-site requirements shall not be counted as an existing tree on the property where the off-site tree is located;
- 4. Trees planted off site in lieu of on-site requirements shall meet development standards including:
 - a. Having a minimum caliper of two inches or, if the tree is coniferous, having a minimum height of six feet at the time of final inspection by the city;
 - b. If applicable, having at least one tree of the same plant division (coniferous or deciduous) as the significant tree it is replacing;
 - c. The owner of the off-site property shall take necessary measures to make certain that the trees planted to satisfy the requirements of this chapter remain healthy and viable for at least five years after inspection by the city, and the owner shall be responsible for replacing any subject trees that do not remain healthy and viable for the five years after inspection by the city.
- D. In lieu of planting trees, an owner may contribute to the Medina tree fund provided the following are satisfied:
 - 1. When the contribution is for replacing an existing significant tree, payment is at a rate of:
 - a. Two hundred dollars per each diameter breast height inch of the significant tree where the tree removed has less than a 20-inch diameter breast height size;
 - b. Two hundred fifty dollars per each diameter breast height inch of the significant tree where the tree removed has at least a 20-inch diameter breast height, but less than 36-inch diameter breast height size;
 - c. Four hundred dollars per each diameter breast height inch of the significant tree where the tree removed has at least a 36 inch diameter breast height or larger size;
 - 2. When the contribution is for required tree plantings used to satisfy the pre-existing tree unit gap determined in MMC 20.52.130(D)(1), payment shall be at a rate of \$1,700 per required tree not planted.
- E. An owner may select to apply a combination of planting trees on site, off site and/or contributing to the Medina tree fund provided:
 - 1. The combination is consistent with the provisions of this chapter; and
 - 2. The combination results shall be equivalent to or greater than the minimum requirements for on site plantings.

- F. Consistent with the authority granted in MMC 20.10.040, the director may establish additional administrative rules as necessary relating to the care and maintenance of off-site trees.
- A. To be eligible as a supplemental tree, the tree species must be selected from the appropriate list set forth in the "City of Medina List of Suitable Tree Species" established in MMC 20.52.050 and shall meet the following general requirements:
 - 1. Each supplemental tree shall have a minimum caliper of two inches, or, if the tree is coniferous, it shall have a minimum height of six feet at the time of final inspection by the city;
 - 2. Trees shall be planted in a manner of proper spacing and lighting that allows them to grow to maturity;
 - 3. Existing trees within the boundaries of the lot having less than six inches diameter breast height may count as supplemental trees provided the tree meets all other requirements applicable to a supplemental tree;
 - 4. Supplemental trees replacing existing significant trees shall have at least one tree be of the same plant division (coniferous or deciduous) as the significant tree it is replacing; and
 - 5. The owner of the subject lot shall take necessary measures to ensure that supplemental trees remain healthy and viable for at least five years after inspection by the city and the owner shall be responsible for replacing any supplemental trees that do not remain healthy and viable for the five years after inspection by the city.
- B. All trees used to satisfy the supplemental tree requirements of this chapter shall be included as a significant tree for the purpose of this chapter.
- C. Where supplemental trees are required pursuant to MMC 20.52.130(D), the trees shall be planted in the following order of priority:
 - 1. On-site and adjacent right-of-way. The preferred locations for on-site supplemental trees are in the following order of priority from most important to least important:
 - a. Adjacent to critical areas and their associated buffers as defined in MMC Chapters 20.50 and 20.67;
 - b. Adjacent to a low impact development (LID) stormwater facility;
 - c. Within the first 15 feet of the front property line.
 - d. Within the immediately adjacent right-of-way.
 - 2. Off-site. An owner may elect to plant the required trees off-site upon written request, and approval from the City. Except where contribution to the Medina tree fund is used in lieu of planting required trees, application of this section shall not result in planting trees below the minimum requirements for on-site plantings. Off-site locations include:

- a. City-owned properties;
- b. Street rights-of-way not immediately adjacent to the property;
- c. Private property with the written consent of the owner of the off-site location;
- d. Other public property with the written consent of the entity with jurisdiction over the off-site location;
- e. Any other property determined appropriate by the director.
- 3. Fee-in-Lieu. If the director or designee determines there is insufficient area to replant onsite or within the adjacent public right-of-way, the director or designee may authorize payment of a fee-in-lieu in accordance with MMC. 20.52.330.
- D. An owner may elect a combination of planting trees on site, off site and/or fee-in-lieu upon written request, and approval by the City, provided:
 - 1. The combination is consistent with the provisions of this chapter; and
 - 2. The combination results shall be equivalent to or greater than the minimum requirements for on-site plantings.
- E. Consistent with the authority granted in MMC 20.10.040, the director may establish additional administrative rules as necessary relating to the care and maintenance of off-site trees.
- <u>F. Existing trees at the off-site location shall not be included as satisfying tree planting requirements.</u>
- G. Trees planted off-site in lieu of on-site requirements shall not be counted as existing trees on the property where the off-site tree is located.

20.52.150 Minimum restoration standards for land not under development.

- A. The requirements set forth in this section apply to tree removals on lots not meeting the criteria for land under development set forth in MMC 20.52.100.
- B. Removal of significant trees on a lot, including hazard and nuisance trees, is authorized only if the restoration requirements in Table 20.52.150 are satisfied, or if the property meets the requirements prescribed in subsection (K) of this section.

Table 20.52.150 Tree Restoration Standards

Diameter Breast Height of Removed Tree	Restoration Requirements
6 to 10 inches	Plant one tree

	Diameter Breast Height of Removed Tree	Restoration Requirements
Each Significant	Greater than 10 inches, but less than 24 inches	Plant two trees
Tree	24 inches and larger	Plant three trees
	Legacy trees	See MMC 20.52.120
	Hazard trees – 10 inches and larger	Plant one tree

- C. To be eligible as a restoration tree, the tree species must be selected from the appropriate list in the "City of Medina List of Suitable Tree Species" established in MMC 20.52.050.
- D. Restoration trees shall be planted within the boundaries of the lot, except as authorized pursuant to subsection (J) of this section.
- E. Restoration trees shall be planted in a manner of proper spacing and lighting that allows them to grow to maturity.
- F. Each restoration tree shall have a minimum caliper of two inches or, if the tree is coniferous, it shall have a minimum height of six feet at the time of final inspection by the city.
- G. Existing trees on site having less than six inches diameter breast height may be included as restoration trees provided:
 - 1. The subject tree is located within the boundaries of the lot; and
 - 2. The subject tree meets all of the other requirements applicable to restoration trees.
- H. The owner of the subject lot shall take necessary measures to make certain that restoration trees remain healthy and viable for at least five years after inspection by the city and the owner shall be responsible for replacing any restoration trees that do not remain healthy and viable for the five years after inspection by the city.
- I. All trees used to satisfy the restoration requirements of this chapter shall be included as a significant tree for purposes of this chapter.
- J. In lieu of the tree restoration requirements prescribed by this section, an owner may satisfy the requirements for restoration trees by meeting the requirements for off-site tree planting set forth in MMC 20.52.140.
- K. The restoration requirements in Table 20.52.150 for removing significant trees shall be waived if the following criteria are satisfied:
 - 1. The subject lot contains a sufficient number of significant trees to meet the performance standard for required trees established in MMC 20.52.130; and
 - 2. The owner demonstrates that removal of the significant tree, including hazard and nuisance trees, will not result in a failure to meet the performance standards for required trees established in MMC 20.52.130. (Ord. 923 § 20, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.160 Lots 12,000 square feet or less.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.200 Hazard tree risk assessment.

A. Hazard trees are trees assessed by the city arborist as having a high to extreme risk rating using the International Society of Arborists Tree Risk Assessment Qualification (TRAQ) method in its most current form.

- B. Steps in the TRAQ method in developing a tree risk rating include the following:
 - 1. Identify possible targets and estimate occupancy rate;
 - 2. Inspect tree and identify tree parts that could fail and strike targets (referred to as failure mode);
 - 3. For each significant failure mode identified:
 - a. The likelihood of failure is assessed;
 - b. The likelihood of a tree part impacting a target is assessed;
 - c. The likelihood of a tree failure impacting a target is assessed;
 - d. Consequences of failure are estimated;
 - e. The risk is designated pursuant to the matrix in Table 20.52.200(C);
 - f. Possible mitigation treatments to reduce the risk are identified;
 - g. The risk is again designated pursuant to the matrix in Table 20.52.200(C) after mitigation treatment is completed.
 - 4. When assessing the risk of a tree, the city arborist shall evaluate the tree based on existing conditions and shall exclude possible impacts caused by new development, any land alteration activity, or other similar such activities that might otherwise unnaturally cause the risk rating to increase.
- C. The following table is from the International Society of Arborists TRAQ method and denotes the risk rating matrix used to assess levels of tree risk as a combination of likelihood of a tree failing and impacting a specified target, and the severity of the associated consequences should the tree or any part of the tree fail:

Table 20.52.200(C) Tree Risk Rating Matrix

Likelihood of Failure or Impact	Consequences			
	Negligible	Minor	Significant	Severe
Very Likely	Low Risk	Moderate Risk	High Risk	Extreme Risk
Likely	Low Risk	Moderate Risk	High Risk	High Risk

Likelihood of Failure or	Consequences			
Impact	Negligible	Minor	Significant	Severe
Somewhat likely	Low Risk	Low Risk	Moderate Risk	Moderate Risk
Unlikely	Low Risk	Low Risk	Low Risk	Low Risk

- 1. The consequences listed in Table 20.52.200(C) have meanings as follows:
 - a. Extreme Risk. This category applies to trees in which failure is "imminent" and there is a high likelihood of impacting a target, and the consequences of the failure are "severe."
 - b. High Risk. This category applies to situations in which consequences are significant and likelihood is "very likely" or "likely," or when consequences are "severe" and likelihood is "likely."
 - c. Moderate Risk. This category applies to trees in which consequences are "minor" and likelihood is "very likely" or "likely" or when likelihood is "somewhat likely" and the consequences are "significant" or "severe."
 - d. Low Risk. This category applies to trees in which consequences are "negligible" and likelihood is "unlikely"; or when consequences are "minor" and likelihood is "somewhat likely."
- 2. Definitions of TRAQ method terminology that are not set forth in this chapter or Chapter 20.12 MMC can be found in the article "Qualitative Tree Risk Assessment" by E. Thomas Smiley, Nelda Matheny, and Sharon Lilly on file at Medina City Hall.
- 3. Potential targets are permanent structures or an area of moderate to high use. Where a target does not exist, applicants should consider routine pruning and maintenance to mitigate hazards.
- D. Where a tree is found to have a high or extreme risk, the city arborist may authorize hazard pruning to mitigate the risk rather than removing the entire tree.
- E. If the city arborist assesses a tree to have a high or extreme risk and mitigation of the risk through pruning or moving of potential targets is not feasible, the city arborist shall designate the tree a hazard tree. (Ord. 923 § 22, 2015)

20.52.210 Nuisance tree.

- A. A nuisance tree, for purposes of this chapter, is a tree whose branches, stem and/or roots cause one or more of the following conditions to exist:
 - 1. Substantial physical damage to public or private structures;
 - 2. A qualified professional provides verification based on conditions on the property that substantial physical damage will occur within five years to a building containing a principal use;

- 3. Substantially impairs, interferes or restricts streets, sidewalks, sewers, power lines, utilities or other public improvements;
- 4. Substantially impairs, interferes, or obstructs any street, private lane, or driveway; or
- 5. The tree is diseased and restoration of the tree to a sound condition is not practical.
- B. Designation of a nuisance tree is by the director following receipt of a written request and findings are made supporting a nuisance designation using the following criteria:
 - 1. One or more of the conditions in subsection (A) of this section is present;
 - 2. The nuisance associated with the subject tree cannot be corrected by reasonable measures including, but not limited to, pruning, cabling, bracing, or if feasible, relocating structures and other improvements; and
 - 3. Other relevant information provided by the applicant and the city's inspection of the subject tree. (Ord. 923 § 23, 2015)

20.52.220 City arborist established.

The director shall appoint a person to the position of city arborist who shall be assigned responsibility for evaluating the hazardousness of trees and other duties consistent with the requirements of this chapter. (Ord. 923 § 24, 2015)

20.52.300 Notice of tree removal involving no construction.

- A. Property owners removing a significant tree requiring a permit under MMC 20.52.310, but not undergoing new construction or land alteration activity, shall notify the city at least 10 calendar days prior to the date the tree will be removed. The director may reduce this time with receipt of a written request from the applicant and upon finding that the lesser time will provide the city reasonable notification.
- B. All property owners removing a nonsignificant tree that does not require a permit are encouraged, but not required, to notify the city of the tree removal at least 48 hours prior to the tree being removed. (Ord. 923 § 25, 2015)

20.52.310 Tree activity permits.

A. This section sets forth the criteria for applying permits that implement this chapter. All uses and activities not requiring a permit must still comply with this chapter.

- B. An administrative tree activity permit meeting the requirements set forth in MMC 20.70.050 is required for the following activities unless a permit is required elsewhere under this section:
 - 1. Land designated under development as determined in MMC 20.52.100;
 - 2. Removal at any time of a significant tree, including hazard and nuisance trees, located on private property or Washington State controlled land associated with the SR 520 highway;
 - 3. Removal of any nonsignificant tree, including hazard and nuisance trees, located on private property or Washington State controlled land associated with the SR 520 highway that is located within 200 feet of Lake Washington pursuant to MMC 20.60.050;

- 4. Removal or pruning of any tree that is:
 - a. Six inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way; and
 - c. Designated a hazard tree pursuant to MMC 20.52.200, or involving hazard pruning authorized by the director.

C. An administrative right-of-way tree activity permit meeting the requirements set forth in MMC 20.71.050 is required for the following activities:

- 1. Removal of any tree, excluding hazard trees, that is:
 - a. Six inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way;
 - c. Application for the permit is made by the owner of property adjoining the right-ofway where the tree is located measured to the centerline of the right-of-way; and
 - d. The removal does not require a nonadministrative right-of-way activity permit under subsection (D) of this section.
- 2. Pruning of any tree, excluding hazard pruning, that is:
 - a. Six inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way;
 - c. Application for the permit is made by an owner of property adjoining the right-of-way where the tree is located measured to the centerline of the right-of-way; and
 - d. Excluding pruning activity that:
 - i. Follows ANSI standards in their most recent form;
 - ii. Does not endanger the life of the tree in the opinion of the director;
 - iii. Does not remove more than 25 percent of the natural canopy of the tree;
 - iv. Does not remove a limb having a diameter greater than three inches; and
 - v. Application for the pruning is made by an owner of property adjoining the right-of-way where the tree is located measured to the centerline of the right-of-way.
- D. A nonadministrative right-of-way tree activity permit meeting the requirements set forth in MMC 20.72.090 is required for the following activities:
 - 1. Removal of any tree, excluding hazard trees, which is:
 - a. Six inches or larger diameter breast height size;

- b. Located in any open or closed city right-of-way; and
- c. Application for the permit is made by an owner of property who is not adjoining the right-of-way where the tree is located measured to the centerline of the right-of-way.
- 2. Pruning or removal of any tree, excluding hazard trees and hazard pruning, for any purpose, which is:
 - a. Six inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way; and
 - c. Application for the permit is made by a public or private utility or their agent.
- 3. Removal at any time of a significant tree, excluding hazard trees, which is:
 - a. Fifty inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way; and
 - c. Application for the permit is made by an owner of property adjoining the right-of-way where the tree is located measured to the centerline of the right-of-way.
- E. A nonadministrative tree activity permit meeting the requirements set forth in MMC 20.72.100 is required for the following:
 - 1. Removal at any time of a significant tree, excluding hazard trees, which is:
 - a. Fifty inches or larger diameter breast height size;
 - b. Located on private property; and
 - c. Located outside of the footprint of a building containing the principal use of the property.
 - 2. The director may modify the procedures for deciding a nonadministrative tree activity permit and approve the application using a Type 2 decision process provided:
 - a. The subject tree is designated a nuisance tree pursuant to MMC 20.52.210; and
 - b. During the public comment period, the city does not receive any written objection to a Type 2 decision decided by the director being used; and
 - c. The approval criteria in MMC 20.72.100 are satisfied. (Ord. 923 § 26, 2015)

20.52.320 Tree removal and planting preservation plan.

- A. Permits for lands under development and permits for removing city trees in city rights-of-way shall include a tree removal and planting preservation plan containing the following information:
 - 1. A survey plan prepared by a Washington State licensed surveyor that includes the following:

- a. The location, genus, species, common name, and size of all significant trees located within the boundaries of the property and within any adjoining city rights-of-way;
- <u>ba</u>. Topography of the site at two-foot contour intervals;
- eb. Critical areas as defined in Chapters 20.50 and 20.67 MMC; and
- d. If existing trees that are less than six inches diameter breast height are to be counted as supplemental trees, the location, genus, common name, and size of such tree.
- 2. A site plan drawing showing the following:
 - a. Proposed improvements, alterations or adjustments to the subject property including, but not limited to, buildings, driveways, walkways, patios, decks, utilities, and proposed contours;
 - b. Existing structures, whether proposed to remain or proposed for removal; and.
 - c. The shoreline jurisdiction as defined in RCW 90.58.030, if applicable to the property.
- 3. A conceptual or definitive tree-planting plan that includes:
 - a. Identification of all trees having a six inches or larger diameter breast height size to be retained and those to be removed; The location, genus, species, common name, and size of all significant trees located within the boundaries of the property and within any adjoining city rights-of-way and notation of which significant trees will be retained and which are proposed to be removed.
 - b. Analysis of required tree units, existing tree units, and net tree units; If existing trees that are less than six inches diameter breast height are to be counted as supplemental trees, the location, genus, common name, and size of such tree.
 - c. Compliance with the following objectives:
 - i. Trees shall be incorporated as a site amenity with strong emphasis on tree protection. To the extent possible, forested sites should retain their forested look, value, and function after development.
 - ii. Trees should be preserved as vegetated islands and stands rather than as individual, isolated trees scattered throughout the site.
 - iii. Trees to be preserved shall be healthy and wind-firm as identified by a qualified arborist.
 - iv. Preservation of significant trees as follows:
 - 1. Significant trees which form a continuous canopy.
 - 2. Significant trees located adjacent to critical areas and their associated buffers.

- 3. Significant trees located within the first 15 feet adjacent to a property line.
- 4. Significant trees which will be used as part of a low impact development (LID) storm water facility.
- 5. Significant trees over sixty (60) feet in height or greater than twenty-four (24) inches diameter breast height.
- c. For lots larger than 20,000 square feet, excluding lots within the shoreline jurisdiction as defined by MMC 20.66.050, the tree density ratio shall be achieved as follows:
 - i. At least 20 percent of the required significant trees as determined by MMC 20.52.130 shall be retained equally within the site perimeter as follows:
 - 1. 10 percent within the first 15-feet of the front property line.
 - 2.10 percent within the first 15-feet of the rear property line.
 - ii. At least 20 percent of the required significant trees as determined by MMC 20.52.130 shall be retained within the site interior.
- e. Compliance with the required tree density ratio pursuant to MMC Table 20.52.130(B).
- ef. If applicable, a list of supplemental trees to be planted consistent with the requirements of this chapter.
- dg. If right-of-way trees are proposed for removal, an analysis of the tree mitigation and a list of replacement trees to be planted.
- eh. The list of required tree plantings shall include the size, genus, species and common names; and.
- fi. As applicable, a proposed general planting landscaping plan that includes the required tree plantings and other vegetation being planted, as appropriate, for determining compliance with other provisions of the Medina Municipal Code (i.e., grading and drainage and shoreline master program regulations).
- B. The director may authorize modifications to the tree removal and planting preservation plan on a case-by-case basis that reduce submittal requirements if the director concludes such information to be unnecessary.
- C. The director may require additional information to be included with the tree removal and replacement preservation plan, such as tree protection measures, where the director concludes the information is necessary to determine compliance with this chapter.
- D. The applicant may combine the survey, site plan drawing, and/or tree replacement preservation plan into a single document, or may combine the required information with other

documents, provided the city determines the submitted information is reasonably easy to understand. All plans shall be drawn to a scale acceptable by the director.

E. Permits not involving land under development do not require a tree removal and planting preservation plan. However, this shall not preclude the director from requiring such information as necessary to determine compliance with this chapter.

20.52.330 Fee-in-lieu of supplemental plantings.

A. The director or designee may authorize payment of a fee-in-lieu provided:

- 1. There is insufficient area on the lot or adjacent right-of-way to meet the number of replacement inches prescribed by MMC 20.52.130; or
- 2. Tree replacement provided within public right-of-way or a city park in the vicinity will be of greater benefit to the community.
- 3. Fees shall be provided in lieu of on-site tree replacement based upon the following:
 - a. The expected tree replacement cost including labor, materials, and maintenance for each replacement tree; and
 - b. The most current Council of Tree and Landscape Appraisers Guide for Plant Appraisal.
- 5. The applicant executes a written agreement with the City demonstrating compliance with the criteria in this section.

20.52.3340 Tree protection measures during construction.

A. Tree protection measures shall be implemented and maintained before and during all construction activities to ensure the preservation of significant trees that are planned to be retained. Tree protection measures shall be shown on grading and drainage plans, tree protection plans, and construction mitigation plans.

- B. Tree protection measures shall include, but are not limited to, the following:
 - 1. Establish tree protection zones and install protective fencing at the drip line or other barriers that are at least four feet in height, except where tree protection zones are remote from areas of land disturbance, and where approved by the director, alternative forms of tree protection may be used in lieu of tree protective fencing; provided, that the critical root zones of protected trees or stands of trees are clearly delineated and protected;
 - 2. Limit grading levels around subject trees to not raise or lower grades within the larger of the following areas:
 - a. The drip line area of the tree; or
 - b. An area around the tree equal to one foot in diameter for each inch of tree diameter measured at DBH;
 - 3. Installation of a tree well, but only where necessary and only with pre-approval of the city;

- 4. Designation of areas on site for parking, material and equipment storage, construction ingress and egress, and similar designated areas that do not negatively impact significant trees;
- 5. Locate trenches for utilities that minimize negative effects on the tree root structure with provisions for filling the trenches with a suitable growing medium in the vicinity of the trees;
- 6. Employ measures to protect critical root systems from smothering and compaction;
- 7. Implement a tree care program during construction to include watering, fertilizing, pruning and pest control; and
- 8. Measures for the disposal of potentially harmful items such as excess concrete, polluted water runoff, and other toxic materials.
- C. The director may approve deviations to the tree protection measures set forth in subsection (B) of this section if the director determines that the deviation will provide equal or better tree protection than the required tree protection measure. (Ord. 923 § 28, 2015)

20.52.400 City tree removals.

A. This section sets forth the requirements applicable to all trees located on city-owned property and city rights-of-way.

B. General Provisions.

- 1. This section is intended to be of general application for the benefit of the public at large; it is not intended for the particular benefit of any individual person or group of persons other than the general public;
- 2. In addition to the limits set forth in MMC 20.52.020, no city tree shall be broken, injured, mutilated, killed, destroyed, pruned or removed unless authorized by the provisions of this section; and
- 3. The exemptions in MMC 20.52.030 apply to this section.
- C. Pruning and trimming of city trees is permitted provided ANSI standards in their most recent form are followed and the trimming and pruning comply with the requirements for tree activity permits set forth in MMC 20.52.310.
- D. Removal of a city tree located within an open or closed city right-of-way may be allowed for the following:
 - 1. Hazard trees designated pursuant to MMC 20.52.200;
 - 2. Nuisance trees designated pursuant to MMC 20.52.210;
 - 3. Trees not suitable under utility lines, or in the city right-of-way, as prescribed in the "City of Medina List of Suitable Tree Species";

- 4. Any tree having less than a 10-inch diameter breast height size; and any trees not included on the "City of Medina Suitable Tree Species List" for the right-of-way having less than a 36-inch diameter breast height size;
- 5. Trees where pruning and trimming for utilities caused significant defects to the primary stem of the tree resulting in significant abnormal growth;
- 6. Trees where removal is necessary to allow vehicle access to a property;
- 7. Trees where removal is necessary to restore a view significantly obstructed by the tree provided all of the following criteria are satisfied:
 - a. The owner of the adjoining property to the subject tree and the city both accept allowance to have the tree removed;
 - b. The person claiming the view obstruction establishes the tree causes an unreasonable view obstruction using the provisions established in MMC 18.16.040 through 18.16.080; and
 - c. The approval of a nonadministrative right-of-way activity permit is obtained pursuant to MMC 20.72.090.
- E. Where subsection (D) of this section allows removal of a city tree, the following shall apply:
 - 1. Removal of city trees, including hazard and nuisance trees, is permitted only if replacement trees are planted in accordance with the requirements in Table 20.52.400(E)(1), except as allowed otherwise by this section;

Table 20.52.400(E)(1) Replacement City Trees

	Diameter Breast Height of Removed Tree	Significant/Nonsignificant Tree Species	Tree Replacement
	Less than 6 inches	All	None
	6 to 10 inches	All	Plant one tree
Each Tree (Include Nuisance Trees)	Greater than 10 inches, but less than 24 inches	Nonsignificant	Plant one tree
		Significant	Plant two trees
	24 inches and larger	Nonsignificant	Plant two trees
		Significant	Plant three trees
	6 to 10 inches	All	None
Each Hazard Tree	Greater than 10 inches	All	Plant one tree

2. Replacement trees shall meet the following standards:

- a. To be eligible as a replacement tree, the tree species must be selected from the appropriate list in the "City of Medina List of Suitable Tree Species" established in MMC 20.52.050;
- b. Replacement trees shall be planted within the city right-of-way adjoining the subject lot;
- c. Each replacement tree shall have a minimum caliper of two inches or, if the tree is coniferous, it shall have a minimum height of six feet at the time of final inspection by the city;
- d. Replacement trees shall be planted in a manner of proper spacing and lighting that allows them to grow to maturity;
- e. At least one replacement city tree shall be of the same plant division (coniferous or deciduous) as the city tree removed;
- f. Approval to remove a city tree shall include conditions to make certain that replacement trees remain healthy and viable for at least five years after inspection by the city, including measures to replace those replacement trees that do not remain healthy and viable;
- 3. In addition to the requirement for replacement trees in subsections (E)(1) and (2) of this section, the public benefits lost due to the removal of the city tree shall be mitigated by paying a contribution to the Medina tree fund in accordance with the following:
 - a. The contribution shall be determined by multiplying the diameter breast height inches of the tree removed (significant and nonsignificant tree species) by a rate of \$25.00;
 - b. Where more than one city tree is removed, the contribution for each removed tree shall be added together to produce the total payment to the Medina tree fund;
 - c. The contribution rate for a city tree designated a hazard pursuant to MMC 20.52.200 is zero;
 - d. If removal of the city tree was not authorized by the city at the time of its removal, the contribution rates shall triple and be in addition to any other penalties that might apply;
 - e. Unless a city tree qualifies for the emergency exemption pursuant to MMC 20.52.030(B), city trees removed before a hazard or nuisance determination is made by the city shall be presumed not to be a hazard or a nuisance.
- F. The following planting requirements apply within the city right-of-way when a city tree is removed:
 - 1. The maximum number of trees in the city right-of-way shall be one tree for each 17 feet of linear public street frontage, or one tree for each 300 square feet of plantable area within the city right-of-way, whichever is greater, adjoining the subject lot;

- 2. The director may increase the maximum number of city trees prescribed in subsection (F)(1) of this section, provided there is sufficient space in the city right-of-way adjoining the lot to accommodate the increase in city trees;
- 3. If the tree replacement requirements prescribed in subsection (E) of this section would result in the total number of city trees in the right-of-way to exceed the maximum prescribed in subsection (F)(1) or (2) of this section, an applicant shall contribute \$290.00 to the Medina tree fund for each replacement tree above the maximum in lieu of planting replacement trees above the maximum;
- 4. If the tree replacement requirements prescribed in subsection (E) of this section would result in the total number of city trees in the right-of-way to be below the maximum prescribed in subsection (F)(1) or (2) of this section, an applicant may plant additional trees in the right-of-way, subject to the limits in subsection (F)(1) or (2) of this section, and reduce contributions to the Medina tree fund by:
 - a. Six hundred dollars for each coniferous tree planted;
 - b. Five hundred dollars for each deciduous tree planted; and
- 5. New trees shall not be planted within three feet of the edge of any paved roadway.
- G. The requirements of this section may be used to satisfy the requirements set forth in MMC 20.52.410.
- H. Where a proposal includes application of this section and application of MMC 20.52.130 and/or 20.52.150, the requirements for supplemental trees and restoration trees shall be applied independent of the requirements in this section for replacement trees. (Ord. 958 § 3, 2018; Ord. 923 § 29, 2015)

20.52.410 Minimum street tree standards.

- A. This section shall apply to properties adjoining the following city rights-of-way:
 - 1. Minor arterial and collector street rights-of-way as defined in Chapter 10.08 MMC;
 - 2. NE 8th Street;
 - 3. 82nd Avenue NE between NE 8th Street and NE 12th Street;
 - 4. 84th Avenue NE south of NE 12th Street; and
 - 5. Evergreen Point Road north of 78th Place NE.
- B. The following street tree standards shall apply when the lot adjoining the right-of-way is under development pursuant to MMC 20.52.100:
 - 1. There shall be at least one city tree planted for each 300 square feet of plantable area within the city right-of-way adjoining the lot with a minimum of two trees planted; and
 - 2. The new city trees planted shall have a minimum two-inch caliper with coniferous trees also having a minimum height of six feet at the time of final inspection; and

- 3. The requirements of this subsection may be satisfied with existing trees in the adjoining city right-of-way measured to the centerline; and
- 4. New city trees shall not be planted within three feet of the edge of any paved roadway; and
- 5. Trees shall be planted in an informal pattern to create a natural appearance.

C. The following exceptions shall apply:

- 1. Shrubs, trees and plantings within the required sight line areas at private drives, private lane outlets and street intersections shall not interfere with required sight distances;
- 2. The director may waive the requirements of this section if the right-of-way to be planted is planned for modification in the Medina capital improvements plan. (Ord. 923 § 30, 2015)

20.52.420 Owner responsibility within city rights-of-way.

- A. All owners of property adjoining a city right-of-way shall be responsible for maintaining all trees, shrubs, and other landscaping planted in the adjoining right-of-way by the property owner or previous owner of the property, or for which responsibility has been assumed by the owner through a recorded agreement with the city.
- B. All owners of the property adjoining a city right-of-way shall ensure the trees, shrubs and landscaping in the right-of-way adjoining their property do not interfere with the free passage of vehicles and pedestrians or cause any risk of danger to the public or property.
- C. No hazardous or destructive tree species shall be planted in the city rights-of-way. The city shall maintain a list of suitable trees that are acceptable to be planted in city rights-of-way consistent with MMC 20.52.050.
- D. The requirements of this section shall apply equally to the city rights-of-way whether the city's title to the right-of-way was obtained by dedication, condemnation, deed or in any other manner.
- E. For the purpose of this chapter, an owner shall be considered adjoining up to the centerline of the city right-of-way. (Ord. 923 § 31, 2015)

20.52.500 Liability.

Consistent with MMC 20.10.070, nothing contained in this chapter shall be construed or form the basis for any liability on the part of the city, or its officers, agents, consultants or employees, for any injury or damage resulting from any person's failure to comply with the provisions of this chapter or by reason of or in consequence of any act or omission in connection with the implementation of or enforcement of this chapter. (Ord. 923 § 32, 2015)

20.52.510 Other general provisions.

- A. Implementation and Costs.
 - 1. All costs associated with trimming and removal of trees shall be the responsibility of the applicant or property owner; and

- 2. Any tree trimming or removal governed by this chapter shall be performed by a state of Washington licensed tree service contractor, bonded and insured for the liabilities associated with tree removal.
- B. Survey. The city may require as a condition of approving a tree removal permit that the applicant obtain a survey by a state of Washington licensed surveyor to determine if the trees described in the application are located on the subject property, or if a tree is located within a city right-of-way.
- C. Supplemental Notice. The following shall supplement noticing requirements set forth in MMC 20.80.140(A) when applied to tree activity permits:
 - 1. Notice shall be posted on or near the subject tree or trees in a manner that clearly identifies all trees being considered under the application;
 - 2. The director may approve the use of a variety of reasonable methods to identify trees provided the methods clearly identify all trees being considered under the application; and
 - 3. The director may require additional notices to be posted when, in the opinion of the director, it is determined necessary to provide reasonable notification to the public of a pending application.
- D. Limitations on Occupancy. A certificate of occupancy shall not be issued until all required tree plantings and landscaping associated with this chapter is complete and receives final approval from the city. Temporary occupancy may be granted pursuant to MMC 20.40.100 before completion of the tree planting and landscaping work provided all of the following criteria are satisfied:
 - 1. The property owner provides a financial guarantee to the city to ensure completion of the tree planting and landscaping;
 - 2. The financial guarantee may take the form of a bond, line of credit, cash deposit, or another form acceptable to the city;
 - 3. The minimum amount of the financial guarantee shall be 150 percent of the estimated cost of landscaping and required tree plantings not completed at the time of the inspection; and
 - 4. Terms of the financial guarantee shall include, but are not limited to, conditions for approving the financial guarantee, a timeframe for the work to be completed, and terms under which the city shall release the financial guarantee.
- E. View and Sunlight Obstructions Caused by Trees. Pursuant to MMC 18.16.040, unreasonable obstructions of views or sunlight by uncontrolled growth or maintenance of trees may constitute a private nuisance subject to redress as set forth in Chapter 18.16 MMC. (Ord. 923 § 33, 2015)

Chapter 20.52

TREE MANAGEMENT CODE

Sections:	
20.52.010	Purpose and intent.
20.52.015	General provisions and applicability.
20.52.020	Applicability of the tree management code.
20.52.025	Repealed.
20.52.030	Exemptions.
20.52.040	Using this chapter.
20.52.050	Designation of significant tree species.
20.52.060	Repealed.
20.52.070	Repealed.
20.52.080	Repealed.
20.52.090	Repealed.
20.52.100	Designation of land under development.
20.52.110	– <u>Repealed</u> .
20.52.120	Legacy and Landmark tree protection measures.
20.52.130	Minimum <u>preservation</u> standards for land under development.
20.52.140	Supplemental tree standards and priorities.
20.52.150	Minimum restoration standards for land not under development.
20.52.160	Repealed.
20.52.200	Hazard tree risk assessment.
20.52.210	Nuisance tree.
20.52.220	City arborist established.
20.52.300	Notice of tree removal involving no construction.
20.52.310	Tree activity permits.
20.52.320	Tree <u>preservation</u> plan.
20.52.330	Fee-in-lieu of supplemental plantings.
20.52.340	Tree protection measures during construction.
20.52.400	City tree removals.
20.52.410	Minimum street tree standards.
20.52.420	Owner responsibility within city rights-of-way.
20.52.500	Liability.
20.52.510	Other general provisions.

20.52.010 Purpose and intent.

A. The purpose of the tree management code is to preserve the existing sylvan appearance through long-term <u>preservation</u> and planting of trees that contribute to the community's distinct features including proximity to the lakeshore, views, heavily landscaped streetscapes, and large tracts of public and private open spaces.

- B. The intent of this chapter is to establish regulations and standards that:
 - 1. Protect and preserve the existing tree canopy;

- 2. Provide homeowners flexible standards that encourage the preservation of trees while recognizing the importance of having access to sunlight and views;
- 3. Recognize through the standards in this chapter that certain factors may require the removal or pruning of certain trees due to circumstances such as disease, danger of falling, proximity to structures and improvements, interference with utility services, protection of view and sunlight, and the reasonable enjoyment of property;
- 4. Encourage best practices for the planting and managing of trees appropriately to minimize hazards, nuisances, and maintenance costs while allowing access to sunlight and views;
- 5. Prevent the indiscriminate removal or destruction of trees except as provided for in accordance with this chapter;
- 6. Promote building and site planning practices consistent with the purpose and intent of this chapter;
- 7. Ensure prompt development, restoration, replanting and effective erosion control of property after tree removal with landscape plans and other reasonable controls; and
- 8. Foster public education on the local urban forestry program and encourage good tree management consistent with this chapter. (Ord. 923 § 9, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.020 Applicability of the tree management code.

- A. No person or their representative, directly or indirectly, shall remove or destroy trees located on private property or public property within the jurisdictional boundaries of the city except as provided for in accordance with this chapter.
- B. Additional tree management requirements are set forth in the Medina shoreline master program as provided in MMC 20.66.050. (Ord. 923 § 10, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.025 Using this chapter.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.030 Exemptions.

The following are exempt from the requirements in this chapter:

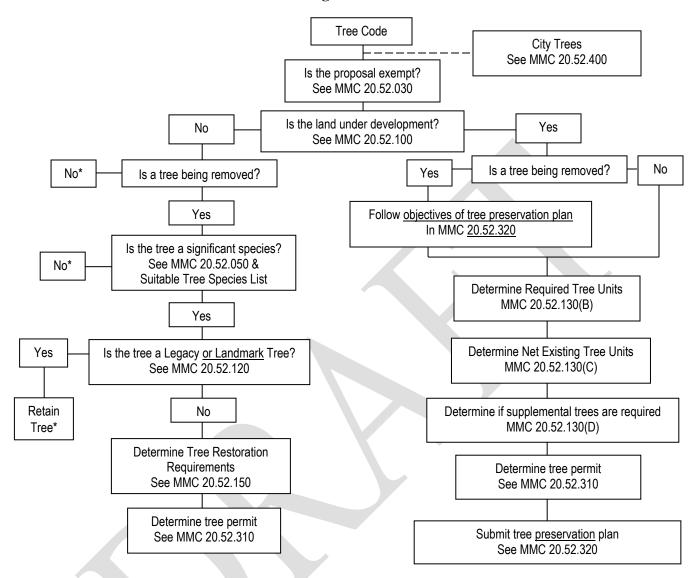
- A. Trees less than six inches diameter breast height unless the tree is used to satisfy a requirement of this chapter;
- B. Normal and routine trimming and pruning operations and maintenance of trees and vegetation on private property following the most current ANSI standards;
- C. Emergency tree removal or hazard pruning for any tree that poses an imminent threat to life or property provided:
 - 1. The city is notified within seven days after the emergency tree removal or hazard pruning takes place and evidence is provided of the imminent threat supporting the emergency tree removal; and

- Attachment
- 2. If evidence of the imminent threat is not provided, or the director determines the evidence does not warrant an emergency tree removal, the director may require the responsible person to obtain a permit as prescribed by this chapter and require compliance with the requirements of this chapter;
- D. Trimming and pruning operations and maintenance of trees and vegetation following the most current ANSI standards or removal of trees performed by the city or a contractor contracted by the city within a public right-of-way or city-owned parkland;
- E. Removal of trees and vegetation management by the city or an agency under contract with the city for purposes of installing and maintaining fire hydrants, water meters, pumping stations, or similar utilities; or
- F. The removal of a dead tree where the director pre-determines that the tree died from naturally occurring causes. (Ord. 923 § 12, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.040 Using this chapter.

This chapter prescribes the requirements for tree preservation and planting on lands undergoing development, and the requirements for removal of significant trees on private and public lands. Diagram 20.52.040 offers a user's guide that outlines the general process for applying the provisions of this chapter.

Diagram 20.52.040



^{*} Denotes no further action required.

20.52.050 Designation of significant tree species.

A. A list of suitable tree species consisting of coniferous and deciduous trees is set forth in the document entitled "City of Medina List of Suitable Tree Species," adopted by Ordinance No. 923 and on file with the city for the purpose of establishing significant tree species on private property, public property, and city rights-of-way; and tree species that are eligible for credits in this chapter.

- B. The director shall maintain the "City of Medina List of Suitable Tree Species" document at Medina City Hall and may administratively modify the list consistent with the following criteria:
 - 1. The designation of coniferous trees should include all species excluding tree species known to have invasive root structures and to be fast growing such as Leyland cypress and should also exclude trees planted, clipped or sheared to be used as a hedge;

- 2. The designation of deciduous trees should include those suitable to United States Department of Agriculture Plant Hardiness Zones 8 and 9, excluding those trees with crown diameter of 10 feet or less at maturity;
- 3. Plantings of the following tree species within the city's rights-of-way shall be prohibited: London plane, quaking aspen, Lombardy poplar, bolleana poplar, cottonwood, and bigleaf maple.
- C. The director shall submit proposals to modify the "City of Medina List of Suitable Tree Species" to the city council for their consideration. The city council may approve, modify or deny the proposed modifications. The city council may also decline to take action on the proposed modifications, in which case the modifications shall be incorporated into the list and take effect five days after the date the city council declines to take action.
- D. The "City of Medina List of Suitable Tree Species" is used in conjunction with the definition of significant tree set forth in MMC 20.12.200 to denote the term significant tree as used in this chapter. (Ord. 923 § 14, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.060 Notice of tree removal involving no construction.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.070 Tree removal and replacement plan.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.080 Designation of significant tree species.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.090 Tree replacement requirements.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.100 Designation of land under development.

Land is designated as under development for purposes of this chapter if one or more of the following conditions is present:

- A. Any development activity requiring a building permit where:
 - 1. Construction of a dwelling having a gross floor area of 2,500 square feet or more;
 - 2. Construction of accessory buildings on property containing a residential use, or supporting a residential use, where the total gross floor area of all accessory buildings on the lot is 1,000 square feet or more;
 - 3. Any building constructed to be occupied principally by a nonresidential use where the gross floor area of the building is 1,000 square feet or more;
 - 4. Any series of exterior alterations, modifications or additions that over a four-consecutive-year period increases the total building footprint on a lot by more than 500 square feet or 15 percent, whichever is larger;

- 5. Construction of any structures, including but not limited to driveways, decks, patios, and walkways, that over a four-consecutive-year period increases the impervious surface on the lot by a total of 2,000 square feet or more;
- 6. Grading that over a four-consecutive-year period totals 2,000 cubic yards or more.
- B. Any development activity requiring a building permit, a right-of-way permit, and/or a land use or shoreline permit where:
 - 1. One or more significant trees are removed, with at least one tree having a 10-inch diameter breast height or larger size; or
 - 2. Four or more significant trees are removed, provided each has less than a 10-inch diameter breast height size; and
 - 3. The criteria in subsections (B)(1) and (2) of this section shall include the following trees:
 - a. Significant trees removed within two years prior to the submittal of an application for such permits; or
 - b. Significant trees removed within two years after such permits are finalized by the city and the project completed.
- C. Clearing or grubbing of land that:
 - 1. Is located outside of city rights-of-way;
 - 2. Requires no permits, except for a tree permit; and
 - 3. Removes four or more significant trees, with at least four trees having a 10-inch diameter breast height or larger size, over a four-consecutive-year period.
- D. The counting of removed trees under subsections (B) and (C) of this section shall not include those trees designated as a hazard or nuisance tree pursuant to MMC 20.52.200 and 20.52.210, respectively. (Ord. 925 § 1, 2015; Ord. 923 § 16, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.015 General provisions and applicability:

Where land is designated as under development pursuant to MMC 20.52.100, the preservation of healthy trees shall be considered in accordance with the following guidance:

- 1. Tree preservation shall be included as a primary step in site planning and shall be achieved by meeting the minimum required tree units established in Table 20.52.130(B).
- 2. <u>Site design strategies and specific development site areas demonstrating preservation of significant trees shall be presented at the pre-application meeting with the city.</u>
- 3. A tree preservation plan shall be required that demonstrates the objectives outlined in MMC 20.52.320.

- 4. Any applicable grading plans, pursuant to MMC Chapter 20.43, shall be developed to avoid significant alteration to the grades around preserved trees.
- 5. Multiple applications of the tree preservation requirements in this chapter over a 10-year period shall not cause the number and size of trees required to be retained to be reduced below the number and size of trees required to be retained with the first application.
- 6. When calculating tree preservation requirements, trees excluded from preservation requirements shall not be included in the calculation.
- 7. For the purpose of calculating tree density requirements, critical areas and their associated buffers shall be excluded from the lot area used for calculation (example: a 16,000 square foot lot has a stream running through its property that encompasses 1,500 square feet including the stream buffer. The lot area used for tree density calculation would be 14,500 square feet (16,000 1,500 = 14,500) provided:
 - a. <u>Critical areas shall be limited to wetlands, streams, geologically hazardous areas, conservation easements, and their associated buffers as described in MMC Chapters 20.50 and 20.67; and</u>
 - b. Removal of any vegetation or woody debris, including trees, from a critical area is subject to the regulations in MMC Chapters 20.50 and 20.67.
- 8. All of the following shall be excluded from the requirements of this chapter:
 - a. Hazard trees designated pursuant to MMC 20.52.200;
 - b. <u>Nuisance trees designated pursuant to MMC 20.52.210 and where, if applicable,</u> re-development does not remedy the conditions causing the nuisance;
 - c. Those significant trees having less than a 24-inch diameter breast height size and located within the footprint of the principal building on the lot.

20.52.110 Repealed.

20.52.120 Legacy and Landmark tree protection measures.

This section applies to trees designated as <u>Legacy and Landmark</u> trees, which are native trees that because of their age, size and condition are recognized as having <u>outstanding</u> value in contributing to the character of the community. <u>Legacy and Landmark trees within the shoreline jurisdiction are regulated in MMC 20.66.050.</u>

- A. A Legacy or Landmark tree shall be designated by meeting the following criteria:
 - 1. Legacy tree:
 - <u>a</u>. The tree species is denoted as a legacy tree on the "City of Medina List of Suitable Tree Species"; and

- <u>b</u>. The diameter breast height of the tree is <u>36</u> inches or larger <u>but less than 100 inches</u>; and
- <u>c</u>. The city arborist determines the tree to be healthy with a likelihood of surviving more than 10 years based on assumptions that:
 - i. The tree is properly cared for; and
 - <u>ii</u>. The risk of the tree declining or becoming a nuisance is unenhanced by any proposed development.

2. Landmark tree:

- a. The tree species is denoted as a legacy tree on the "City of Medina List of Suitable Tree Species"; and
- b. The diameter breast height of the tree is 100 inches or larger; and
- c. The city arborist determines the tree to be healthy with a likelihood of surviving more than 10 years based on assumptions that:
 - i. The tree is properly cared for; and
 - ii. The risk of the tree declining or becoming a nuisance is unenhanced by any proposed development.
- B. Legacy <u>and Landmark</u> trees shall be preserved and retained unless replacement trees are planted in accordance with the following:

1. Legacy tree:

- <u>a</u>. The quantity of replacement trees is calculated by multiplying the diameter breast height of <u>each</u> subject <u>Legacy</u> tree by <u>the required percentage standards in Table 20.52.120(B)</u> to establish the number of replacement inches; and
- b. All fractions of this section shall be rounded up to the next whole number.

Table 20.52.120(B) Legacy Tree Replacement Requirements

Square Footage of the Lot Area	Required number of replacement caliper inches
<u>Less than 10,001</u>	10% removed DBH
From 10,001 to 13,000	15% removed DBH
From 13,001 to 15,000	25% removed DBH
From 15,001 to 20,000	35% removed DBH

Square Footage of the Lot Area	Required number of replacement caliper inches
Greater than 20,000	50% removed DBH

The following example illustrates how to calculate legacy tree replacement units for a lot less than 10,001 square feet:

Lot size: 8,120 sq. ft.

Required tree units: $8{,}120 / 1{,}000 \times 0.4$ (tree density ratio) = 3.2 (rounded up to the next whole

number) = 4

Total existing tree units on site: 6.5 units

Eight 10-inch DBH trees – 4 units (.5 units per tree)

Two 24-inch DBH trees - 1.5 units (.75 units per tree)

One 44-inch DBH Tree – 1unit (1 unit per tree)

Total tree units removed: 3

Four 10-inch DBH trees = 2 units removed

One 44-inch DBH tree = 1 unit removed

Net tree units: 3.5

Supplemental Units Required: Yes (4 required tree units -3.5 net tree units) = .5

Legacy Tree Removed: Yes – One 44-inch DHB tree

<u>Legacy Tree Supplemental Units: $10\% \times 44 = 4.4$ (rounded up to the next whole number) = 5</u> Landmark Tree Removed: No

<u>Total supplemental Requirements = 5.5 units (.5 supplemental units + 5 legacy supplemental units) = 6 trees</u>

2. Landmark tree:

- a. The quantity of replacement inches is calculated by multiplying the diameter breast height of each subject Landmark tree by 100 percent to establish the minimum number of replacement inches; and
- b. All fractions of this section shall be rounded up to the next whole number.

C. In lieu of planting the replacement trees prescribed in subsection (B) of this section, an applicant may satisfy the tree replacement requirements by meeting the criteria set forth in MMC 20.52.330.

D. Other Provisions.

- 1. Each replacement tree shall meet the standards prescribed in MMC 20.52.140;
- 2. The tree replacement requirements set forth in subsections (B) and (C) of this section shall apply to the removal of a Legacy and Landmark trees in lieu of and in addition to requirements for removing nonlegacy trees;

- 3. The tree replacement requirements set forth in this section for a <u>Legacy and Landmark</u> tree shall not be used to satisfy requirements for removing nonlegacy trees or a pre-existing tree unit gap;
- 4. If the minimum <u>preservation</u> standards in MMC 20.52.130 are used, and if supplemental tree units are required, the tree replacement requirements set forth in subsections (B) and (C) of this section shall together count as one supplemental tree unit;
- 5. Off-site tree planting as described in MMC 20.52.140(C)(2) are acceptable alternatives to on-site replacement tree planting provided the director or designee approves of the off-site location in writing.

20.52.130 Minimum preservation standards for land under development.

A. The requirements and procedures set forth in this section shall apply to lands that are designated as under development pursuant to MMC 20.52.100. Figure 20.52.130 outlines the primary steps prescribed by this section in establishing requirements and determining compliance with this chapter.

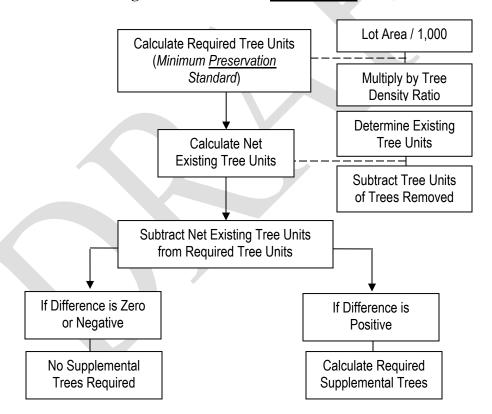


Figure 20.52.130 Tree Preservation Process

- B. Lots with land under development shall contain a sufficient number of significant trees to meet the minimum required tree units established by the following procedures:
 - 1. The lot area is divided by 1,000 square feet; and
 - 2. The quotient is multiplied by the corresponding tree density ratio applicable to the lot as set forth in Table 20.52.130(B); and

3. The resulting product is rounded up to the next whole number to establish the minimum number of required tree units.

Table 20.52.130(B) Tree Density Ratio

Zoning District	Category of Land Use	Tree Density Ratio
	Residential	0.40
R-16, R-20, R-30 & SR-30	Golf Course	0.15
10, 10 20, 10 30 62 510 30	Nonresidential other than specifically listed	0.25
	Schools	0.15
	Parks	0.42
Public	Residential	0.40
	Nonresidential other than specifically listed	0.25
N-A	All	0.25
State Highway	All	0.12

- C. To determine compliance with the required tree units applicable to the lot, apply the following procedures:
 - 1. Inventory all existing significant trees on the subject lot; and
 - 2. Assign a tree unit to each significant tree using the corresponding tree unit set forth in Table 20.52.130(C); and
 - 3. Add the tree units together to compute the total existing tree units and subtract the tree units of those significant trees removed to determine the net existing tree units (do not round fractions); and
 - 4. Subtract the net existing tree units from the required tree units determined in this subsection (C) to establish:
 - a. If the net existing tree units equal or exceed the required tree units then no supplemental trees are required; or
 - b. If the net existing tree units are less than the required tree units then supplemental trees are required pursuant to subsection (D) of this section.

Table 20.52.130(C) Existing Tree Unit

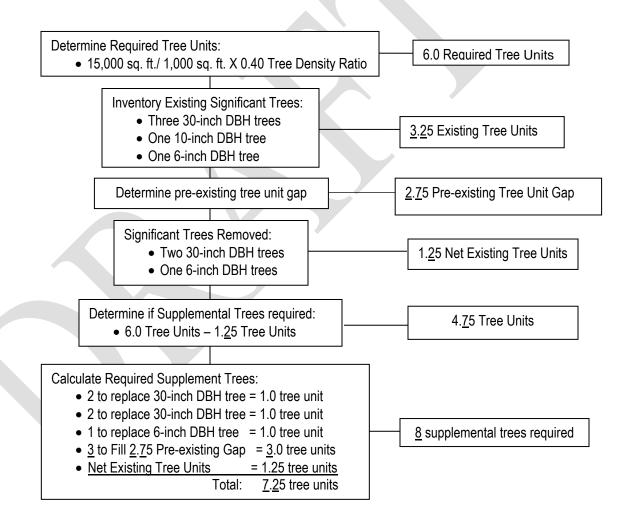
Tree Type	Diameter Breast Height of Existing Tree	Tree Unit
Daviduana	6 to 10 inches	0.5
Deciduous	Greater than 10 inches	<u>0.75</u>
	6 to 10 inches	0.5
Coniferous	Greater than 10 inches, but less than 36 inches	0.75
	36 inches and greater	1.0

- D. If supplemental trees are required, the quantity of trees is determined by applying the following procedures:
 - 1. Determine if a pre-existing tree unit gap exists by subtracting the total existing tree units from the required tree units:
 - a. If the difference is less than zero round to zero;
 - b. A difference of zero means no pre-existing tree unit gap is present;
 - c. If the difference is greater than zero, the difference is the pre-existing tree unit gap;
 - 2. To calculate the quantity of supplemental trees required, apply the provisions in subsection (D)(3) of this section first to those supplemental trees replacing an existing significant tree starting in order with the largest tree to the smallest tree, and then, if applicable, apply subsection (D)(3) of this section to those filling a pre-existing tree unit gap;
 - 3. The quantity of supplemental trees is determined by:
 - a. Assigning a tree unit to each supplemental tree using Table 20.52.130(D);
 - b. Two supplemental trees shall be required for replacing each existing significant tree having a diameter breast height of 24 inches and larger subject to the limitation in subsection (D)(3)(d) of this section, and consistent with subsection (D)(2) of this section these shall be counted first;
 - c. The quantity of supplemental trees shall be of a sufficient number that their total assigned tree units added to the net existing tree units shall equal or exceed the minimum required tree units established in subsection (B) of this section; and
 - d. Supplemental trees in excess of those needed to meet the minimum required tree units shall not be required.
 - e. See Diagram 20.52.130 for an example of calculating supplemental trees.

Table 20.52.130(D) Supplemental Tree Unit

Purpose of Supplemental Tree	Diameter Breast Height of Removed Tree	Tree Unit for Supplemental Trees
Replace an existing	6 inches to less than 24 inches	1.0
significant tree	24 inches and larger	0.5
Fill a pre-existing tree unit gap	Not applicable	1.0

Diagram 20.52.130 Example Calculating Supplemental Trees



20.52.140 Supplemental tree standards and priorities.

A. To be eligible as a supplemental tree, the tree species must be selected from the appropriate list set forth in the "City of Medina List of Suitable Tree Species" established in MMC 20.52.050 and shall meet the following general requirements:

- 1. Each supplemental tree shall have a minimum caliper of two inches, or, if the tree is coniferous, it shall have a minimum height of six feet at the time of final inspection by the city;
- 2. Trees shall be planted in a manner of proper spacing and lighting that allows them to grow to maturity;
- 3. Existing trees within the boundaries of the lot having less than six inches diameter breast height may count as supplemental trees provided the tree meets all other requirements applicable to a supplemental tree;
- 4. Supplemental trees replacing existing significant trees shall have at least one tree be of the same plant division (coniferous or deciduous) as the significant tree it is replacing; and
- 5. The owner of the subject lot shall take necessary measures to ensure that supplemental trees remain healthy and viable for at least five years after inspection by the city and the owner shall be responsible for replacing any supplemental trees that do not remain healthy and viable for the five years after inspection by the city.
- B. All trees used to satisfy the supplemental tree requirements of this chapter shall be included as a significant tree for the purpose of this chapter.
- C. Where supplemental trees are required pursuant to MMC 20.52.130(D), the trees shall be planted in the following order of priority:
 - 1. On-site and adjacent right-of-way. The preferred locations for on-site supplemental trees are in the following order of priority from most important to least important:
 - a. Adjacent to critical areas and their associated buffers as defined in MMC Chapters 20.50 and 20.67;
 - b. At a minimum 20% of the trees shall be within the site perimeter as follows:
 - i. 10% within the first 15 feet of the front property line.
 - ii. 10% within the first 15 feet of the rear property line.
 - c. Adjacent to a low impact development (LID) stormwater facility;
 - d. Within the immediately adjacent right-of-way.
 - 2. Off-site. An owner may elect to plant the required trees off-site upon written request, and approval from the City. Except where contribution to the Medina tree fund is used in lieu of planting required trees, application of this section shall not result in planting trees below the minimum requirements for on-site plantings. Off-site locations include:
 - a. City-owned properties;

- b. Street rights-of-way not immediately adjacent to the property;
- c. Private property with the written consent of the owner of the off-site location;
- d. Other public property with the written consent of the entity with jurisdiction over the off-site location;
- e. Any other property determined appropriate by the director.
- 3. Fee-in-Lieu. If the director or designee determines there is insufficient area to replant onsite or within the adjacent public right-of-way, the director or designee may authorize payment of a fee-in-lieu in accordance with MMC. 20.52.330.
- D. An owner may elect a combination of planting trees on site, off site and/or fee-in-lieu upon written request, and approval by the City, provided:
 - 1. The combination is consistent with the provisions of this chapter; and
 - 2. The combination results shall be equivalent to or greater than the minimum requirements for on-site plantings.
- E. Consistent with the authority granted in MMC 20.10.040, the director may establish additional administrative rules as necessary relating to the care and maintenance of off-site trees.
- <u>F. Existing trees at the off-site location shall not be included as satisfying tree planting</u> requirements.
- <u>G. Trees planted off-site in lieu of on-site requirements shall not be counted as existing trees on the property where the off-site tree is located.</u>

20.52.150 Minimum restoration standards for land not under development.

- A. The requirements set forth in this section apply to tree removals on lots not meeting the criteria for land under development set forth in MMC 20.52.100.
- B. Removal of significant trees on a lot, including hazard and nuisance trees, is authorized only if the restoration requirements in Table 20.52.150 are satisfied, or if the property meets the requirements prescribed in subsection (K) of this section.

Table 20.52.150 Tree Restoration Standards

	Diameter Breast Height of Removed Tree	Restoration Requirements
Each	6 to 10 inches	Plant one tree
Significant Tree	Greater than 10 inches, but less than 24 inches	Plant two trees

Diameter Breast Height of Removed Tree	Restoration Requirements
24 inches and larger	Plant three trees
Legacy trees	See MMC 20.52.120
Hazard trees – 10 inches and larger	Plant one tree

- C. To be eligible as a restoration tree, the tree species must be selected from the appropriate list in the "City of Medina List of Suitable Tree Species" established in MMC 20.52.050.
- D. Restoration trees shall be planted within the boundaries of the lot, except as authorized pursuant to subsection (J) of this section.
- E. Restoration trees shall be planted in a manner of proper spacing and lighting that allows them to grow to maturity.
- F. Each restoration tree shall have a minimum caliper of two inches or, if the tree is coniferous, it shall have a minimum height of six feet at the time of final inspection by the city.
- G. Existing trees on site having less than six inches diameter breast height may be included as restoration trees provided:
 - 1. The subject tree is located within the boundaries of the lot; and
 - 2. The subject tree meets all of the other requirements applicable to restoration trees.
- H. The owner of the subject lot shall take necessary measures to make certain that restoration trees remain healthy and viable for at least five years after inspection by the city and the owner shall be responsible for replacing any restoration trees that do not remain healthy and viable for the five years after inspection by the city.
- I. All trees used to satisfy the restoration requirements of this chapter shall be included as a significant tree for purposes of this chapter.
- J. In lieu of the tree restoration requirements prescribed by this section, an owner may satisfy the requirements for restoration trees by meeting the requirements for off-site tree planting set forth in MMC 20.52.140.
- K. The restoration requirements in Table 20.52.150 for removing significant trees shall be waived if the following criteria are satisfied:
 - 1. The subject lot contains a sufficient number of significant trees to meet the performance standard for required trees established in MMC 20.52.130; and
 - 2. The owner demonstrates that removal of the significant tree, including hazard and nuisance trees, will not result in a failure to meet the performance standards for required trees established in MMC 20.52.130. (Ord. 923 § 20, 2015; Ord. 909 § 2 (Att. A), 2014)

20.52.160 Lots 12,000 square feet or less.

Repealed by Ord. 923. (Ord. 909 § 2 (Att. A), 2014)

20.52.200 Hazard tree risk assessment.

A. Hazard trees are trees assessed by the city arborist as having a high to extreme risk rating using the International Society of Arborists Tree Risk Assessment Qualification (TRAQ) method in its most current form.

- B. Steps in the TRAQ method in developing a tree risk rating include the following:
 - 1. Identify possible targets and estimate occupancy rate;
 - 2. Inspect tree and identify tree parts that could fail and strike targets (referred to as failure mode);
 - 3. For each significant failure mode identified:
 - a. The likelihood of failure is assessed;
 - b. The likelihood of a tree part impacting a target is assessed;
 - c. The likelihood of a tree failure impacting a target is assessed;
 - d. Consequences of failure are estimated;
 - e. The risk is designated pursuant to the matrix in Table 20.52.200(C);
 - f. Possible mitigation treatments to reduce the risk are identified;
 - g. The risk is again designated pursuant to the matrix in Table 20.52.200(C) after mitigation treatment is completed.
 - 4. When assessing the risk of a tree, the city arborist shall evaluate the tree based on existing conditions and shall exclude possible impacts caused by new development, any land alteration activity, or other similar such activities that might otherwise unnaturally cause the risk rating to increase.
- C. The following table is from the International Society of Arborists TRAQ method and denotes the risk rating matrix used to assess levels of tree risk as a combination of likelihood of a tree failing and impacting a specified target, and the severity of the associated consequences should the tree or any part of the tree fail:

Table 20.52.200(C) Tree Risk Rating Matrix

Likelihood of Failure or	Consequences			
Impact	Negligible	Minor	Significant	Severe
Very Likely	Low Risk	Moderate Risk	High Risk	Extreme Risk
Likely	Low Risk	Moderate Risk	High Risk	High Risk

Likelihood of Failure or	Consequences			
Impact	Negligible	Minor	Significant	Severe
Somewhat likely	Low Risk	Low Risk	Moderate Risk	Moderate Risk
Unlikely	Low Risk	Low Risk	Low Risk	Low Risk

- 1. The consequences listed in Table 20.52.200(C) have meanings as follows:
 - a. Extreme Risk. This category applies to trees in which failure is "imminent" and there is a high likelihood of impacting a target, and the consequences of the failure are "severe."
 - b. High Risk. This category applies to situations in which consequences are significant and likelihood is "very likely" or "likely," or when consequences are "severe" and likelihood is "likely."
 - c. Moderate Risk. This category applies to trees in which consequences are "minor" and likelihood is "very likely" or "likely" or when likelihood is "somewhat likely" and the consequences are "significant" or "severe."
 - d. Low Risk. This category applies to trees in which consequences are "negligible" and likelihood is "unlikely"; or when consequences are "minor" and likelihood is "somewhat likely."
- 2. Definitions of TRAQ method terminology that are not set forth in this chapter or Chapter 20.12 MMC can be found in the article "Qualitative Tree Risk Assessment" by E. Thomas Smiley, Nelda Matheny, and Sharon Lilly on file at Medina City Hall.
- 3. Potential targets are permanent structures or an area of moderate to high use. Where a target does not exist, applicants should consider routine pruning and maintenance to mitigate hazards.
- D. Where a tree is found to have a high or extreme risk, the city arborist may authorize hazard pruning to mitigate the risk rather than removing the entire tree.
- E. If the city arborist assesses a tree to have a high or extreme risk and mitigation of the risk through pruning or moving of potential targets is not feasible, the city arborist shall designate the tree a hazard tree. (Ord. 923 § 22, 2015)

20.52.210 Nuisance tree.

- A. A nuisance tree, for purposes of this chapter, is a tree whose branches, stem and/or roots cause one or more of the following conditions to exist:
 - 1. Substantial physical damage to public or private structures;
 - 2. A qualified professional provides verification based on conditions on the property that substantial physical damage will occur within five years to a building containing a principal use;

- 3. Substantially impairs, interferes or restricts streets, sidewalks, sewers, power lines, utilities or other public improvements;
- 4. Substantially impairs, interferes, or obstructs any street, private lane, or driveway; or
- 5. The tree is diseased and restoration of the tree to a sound condition is not practical.
- B. Designation of a nuisance tree is by the director following receipt of a written request and findings are made supporting a nuisance designation using the following criteria:
 - 1. One or more of the conditions in subsection (A) of this section is present;
 - 2. The nuisance associated with the subject tree cannot be corrected by reasonable measures including, but not limited to, pruning, cabling, bracing, or if feasible, relocating structures and other improvements; and
 - 3. Other relevant information provided by the applicant and the city's inspection of the subject tree. (Ord. 923 § 23, 2015)

20.52.220 City arborist established.

The director shall appoint a person to the position of city arborist who shall be assigned responsibility for evaluating the hazardousness of trees and other duties consistent with the requirements of this chapter. (Ord. 923 § 24, 2015)

20.52.300 Notice of tree removal involving no construction.

- A. Property owners removing a significant tree requiring a permit under MMC 20.52.310, but not undergoing new construction or land alteration activity, shall notify the city at least 10 calendar days prior to the date the tree will be removed. The director may reduce this time with receipt of a written request from the applicant and upon finding that the lesser time will provide the city reasonable notification.
- B. All property owners removing a nonsignificant tree that does not require a permit are encouraged, but not required, to notify the city of the tree removal at least 48 hours prior to the tree being removed. (Ord. 923 § 25, 2015)

20.52.310 Tree activity permits.

A. This section sets forth the criteria for applying permits that implement this chapter. All uses and activities not requiring a permit must still comply with this chapter.

- B. An administrative tree activity permit meeting the requirements set forth in MMC 20.70.050 is required for the following activities unless a permit is required elsewhere under this section:
 - 1. Land designated under development as determined in MMC 20.52.100;
 - 2. Removal at any time of a significant tree, including hazard and nuisance trees, located on private property or Washington State controlled land associated with the SR 520 highway;
 - 3. Removal of any nonsignificant tree, including hazard and nuisance trees, located on private property or Washington State controlled land associated with the SR 520 highway that is located within 200 feet of Lake Washington pursuant to MMC 20.60.050;

- 4. Removal or pruning of any tree that is:
 - a. Six inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way; and
 - c. Designated a hazard tree pursuant to MMC 20.52.200, or involving hazard pruning authorized by the director.
- C. An administrative right-of-way tree activity permit meeting the requirements set forth in MMC 20.71.050 is required for the following activities:
 - 1. Removal of any tree, excluding hazard trees, that is:
 - a. Six inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way;
 - c. Application for the permit is made by the owner of property adjoining the right-ofway where the tree is located measured to the centerline of the right-of-way; and
 - d. The removal does not require a nonadministrative right-of-way activity permit under subsection (D) of this section.
 - 2. Pruning of any tree, excluding hazard pruning, that is:
 - a. Six inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way;
 - c. Application for the permit is made by an owner of property adjoining the right-of-way where the tree is located measured to the centerline of the right-of-way; and
 - d. Excluding pruning activity that:
 - i. Follows ANSI standards in their most recent form;
 - ii. Does not endanger the life of the tree in the opinion of the director;
 - iii. Does not remove more than 25 percent of the natural canopy of the tree;
 - iv. Does not remove a limb having a diameter greater than three inches; and
 - v. Application for the pruning is made by an owner of property adjoining the right-of-way where the tree is located measured to the centerline of the right-of-way.
- D. A nonadministrative right-of-way tree activity permit meeting the requirements set forth in MMC 20.72.090 is required for the following activities:
 - 1. Removal of any tree, excluding hazard trees, which is:
 - a. Six inches or larger diameter breast height size;

- b. Located in any open or closed city right-of-way; and
- c. Application for the permit is made by an owner of property who is not adjoining the right-of-way where the tree is located measured to the centerline of the right-of-way.
- 2. Pruning or removal of any tree, excluding hazard trees and hazard pruning, for any purpose, which is:
 - a. Six inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way; and
 - c. Application for the permit is made by a public or private utility or their agent.
- 3. Removal at any time of a significant tree, excluding hazard trees, which is:
 - a. Fifty inches or larger diameter breast height size;
 - b. Located in any open or closed city right-of-way; and
 - c. Application for the permit is made by an owner of property adjoining the right-of-way where the tree is located measured to the centerline of the right-of-way.
- E. A nonadministrative tree activity permit meeting the requirements set forth in MMC 20.72.100 is required for the following:
 - 1. Removal at any time of a significant tree, excluding hazard trees, which is:
 - a. Fifty inches or larger diameter breast height size;
 - b. Located on private property; and
 - c. Located outside of the footprint of a building containing the principal use of the property.
 - 2. The director may modify the procedures for deciding a nonadministrative tree activity permit and approve the application using a Type 2 decision process provided:
 - a. The subject tree is designated a nuisance tree pursuant to MMC 20.52.210; and
 - b. During the public comment period, the city does not receive any written objection to a Type 2 decision decided by the director being used; and
 - c. The approval criteria in MMC 20.72.100 are satisfied. (Ord. 923 § 26, 2015)

20.52.320 Tree preservation plan.

- A. Permits for lands under development and permits for removing city trees in city rights-of-way shall include a tree <u>preservation</u> plan containing the following information:
 - 1. A survey plan prepared by a Washington State licensed surveyor that includes the following:

- a. Topography of the site at two-foot contour intervals;
- b. Critical areas as defined in Chapters 20.50 and 20.67 MMC.
- 2. A site plan drawing showing the following:
 - a. Proposed improvements, alterations or adjustments to the subject property including, but not limited to, buildings, driveways, walkways, patios, decks, utilities, and proposed contours;
 - b. Existing structures, whether proposed to remain or proposed for removal.
 - c. The shoreline jurisdiction as defined in RCW 90.58.030, if applicable to the property.
- 3. A tree-planting plan that includes:
 - a. The location, genus, species, common name, and size of all significant trees located within the boundaries of the property and within any adjoining city rights-of-way and notation of which significant trees will be retained and which are proposed to be removed.
 - b. <u>If existing trees that are less than six inches diameter breast height are to be counted as supplemental trees, the location, genus, common name, and size of such tree.</u>
 - c. Compliance with the following objectives:
 - i. Trees shall be incorporated as a site amenity with strong emphasis on tree protection. To the extent possible, forested sites should retain their forested look, value, and function after development.
 - ii. Trees should be preserved as vegetated islands and stands rather than as individual, isolated trees scattered throughout the site.
 - iii. Trees to be preserved shall be healthy and wind-firm as identified by a qualified arborist.
 - iv. Preservation of significant trees as follows:
 - 1. Significant trees which form a continuous canopy.
 - 2. Significant trees located adjacent to critical areas and their associated buffers.
 - 3. Significant trees located within the first 15 feet adjacent to a property line.
 - 4. Significant trees which will be used as part of a low impact development (LID) storm water facility.

- 5. Significant trees over sixty (60) feet in height or greater than twenty-four (24) inches diameter breast height.
- c. For lots larger than 20,000 square feet, excluding lots within the shoreline jurisdiction as defined by MMC 20.66.050, the tree density ratio shall be achieved as follows:
 - i. At least 20 percent of the required significant trees as determined by MMC 20.52.130 shall be retained equally within the site perimeter as follows:
 - 1. 10 percent within the first 15-feet of the front property line.
 - 2.10 percent within the first 15-feet of the rear property line.
 - ii. At least 20 percent of the required significant trees as determined by MMC 20.52.130 shall be retained within the site interior.
- e. Compliance with the required tree density ratio pursuant to MMC Table 20.52.130(B).
- $\underline{\mathbf{f}}$. If applicable, a list of supplemental trees to be planted consistent with the requirements of this chapter;
- g. If right-of-way trees are proposed for removal, an analysis of the tree mitigation and a list of replacement trees to be planted;
- $\underline{\mathbf{h}}$. The list of required tree plantings shall include the size, genus, species and common names.
- <u>i</u>. As <u>applicable</u>, a proposed <u>landscaping</u> plan that includes the required tree plantings and other vegetation being planted, as appropriate, for determining compliance with other provisions of the Medina Municipal Code (i.e., grading and drainage and shoreline master program regulations).
- B. The director may authorize modifications to the tree <u>preservation</u> plan on a case-by-case basis that reduce submittal requirements if the director concludes such information to be unnecessary.
- C. The director may require additional information to be included with the tree <u>preservation</u> plan, such as tree protection measures, where the director concludes the information is necessary to determine compliance with this chapter.
- D. The applicant may combine the survey, site plan drawing, and/or tree <u>preservation</u> plan into a single document, or may combine the required information with other documents, provided the city determines the submitted information is reasonably easy to understand. All plans shall be drawn to a scale acceptable by the director.
- E. Permits not involving land under development do not require a tree <u>preservation</u> plan. However, this shall not preclude the director from requiring such information as necessary to determine compliance with this chapter.

20.52.330 Fee-in-lieu of supplemental plantings.

A. The director or designee may authorize payment of a fee-in-lieu provided:

- 1. There is insufficient area on the lot or adjacent right-of-way to meet the number of replacement inches prescribed by MMC 20.52.130; or
- 2. Tree replacement provided within public right-of-way or a city park in the vicinity will be of greater benefit to the community.
- 3. Fees shall be provided in lieu of on-site tree replacement based upon the following:
 - a. The expected tree replacement cost including labor, materials, and maintenance for each replacement tree; and
 - b. The most current Council of Tree and Landscape Appraisers Guide for Plant Appraisal.
- 5. The applicant executes a written agreement with the City demonstrating compliance with the criteria in this section.

20.52.340 Tree protection measures during construction.

- A. Tree protection measures shall be implemented and maintained before and during all construction activities to ensure the preservation of significant trees that are planned to be retained. Tree protection measures shall be shown on grading and drainage plans, tree protection plans, and construction mitigation plans.
- B. Tree protection measures shall include, but are not limited to, the following:
 - 1. Establish tree protection zones and install protective fencing at the drip line or other barriers that are at least four feet in height, except where tree protection zones are remote from areas of land disturbance, and where approved by the director, alternative forms of tree protection may be used in lieu of tree protective fencing; provided, that the critical root zones of protected trees or stands of trees are clearly delineated and protected;
 - 2. Limit grading levels around subject trees to not raise or lower grades within the larger of the following areas:
 - a. The drip line area of the tree; or
 - b. An area around the tree equal to one foot in diameter for each inch of tree diameter measured at DBH;
 - 3. Installation of a tree well, but only where necessary and only with pre-approval of the city;
 - 4. Designation of areas on site for parking, material and equipment storage, construction ingress and egress, and similar designated areas that do not negatively impact significant trees;
 - 5. Locate trenches for utilities that minimize negative effects on the tree root structure with provisions for filling the trenches with a suitable growing medium in the vicinity of the trees;

- 6. Employ measures to protect critical root systems from smothering and compaction;
- 7. Implement a tree care program during construction to include watering, fertilizing, pruning and pest control; and
- 8. Measures for the disposal of potentially harmful items such as excess concrete, polluted water runoff, and other toxic materials.
- C. The director may approve deviations to the tree protection measures set forth in subsection (B) of this section if the director determines that the deviation will provide equal or better tree protection than the required tree protection measure. (Ord. 923 § 28, 2015)

20.52.400 City tree removals.

A. This section sets forth the requirements applicable to all trees located on city-owned property and city rights-of-way.

B. General Provisions.

- 1. This section is intended to be of general application for the benefit of the public at large; it is not intended for the particular benefit of any individual person or group of persons other than the general public;
- 2. In addition to the limits set forth in MMC 20.52.020, no city tree shall be broken, injured, mutilated, killed, destroyed, pruned or removed unless authorized by the provisions of this section; and
- 3. The exemptions in MMC 20.52.030 apply to this section.
- C. Pruning and trimming of city trees is permitted provided ANSI standards in their most recent form are followed and the trimming and pruning comply with the requirements for tree activity permits set forth in MMC 20.52.310.
- D. Removal of a city tree located within an open or closed city right-of-way may be allowed for the following:
 - 1. Hazard trees designated pursuant to MMC 20.52.200;
 - 2. Nuisance trees designated pursuant to MMC 20.52.210;
 - 3. Trees not suitable under utility lines, or in the city right-of-way, as prescribed in the "City of Medina List of Suitable Tree Species";
 - 4. Any tree having less than a 10-inch diameter breast height size; and any trees not included on the "City of Medina Suitable Tree Species List" for the right-of-way having less than a 36-inch diameter breast height size;
 - 5. Trees where pruning and trimming for utilities caused significant defects to the primary stem of the tree resulting in significant abnormal growth;
 - 6. Trees where removal is necessary to allow vehicle access to a property;

- 7. Trees where removal is necessary to restore a view significantly obstructed by the tree provided all of the following criteria are satisfied:
 - a. The owner of the adjoining property to the subject tree and the city both accept allowance to have the tree removed;
 - b. The person claiming the view obstruction establishes the tree causes an unreasonable view obstruction using the provisions established in MMC 18.16.040 through 18.16.080; and
 - c. The approval of a nonadministrative right-of-way activity permit is obtained pursuant to MMC 20.72.090.
- E. Where subsection (D) of this section allows removal of a city tree, the following shall apply:
 - 1. Removal of city trees, including hazard and nuisance trees, is permitted only if replacement trees are planted in accordance with the requirements in Table 20.52.400(E)(1), except as allowed otherwise by this section;

Table 20.52.400(E)(1) Replacement City Trees

	Diameter Breast Height of Removed Tree	Significant/Nonsignificant Tree Species	Tree Replacement
	Less than 6 inches	All	None
	6 to 10 inches	All	Plant one tree
Each Tree (Include	Greater than 10 inches, but less than 24 inches	Nonsignificant	Plant one tree
Nuisance Trees)		Significant	Plant two trees
	24 inches and larger	Nonsignificant	Plant two trees
		Significant	Plant three trees
Each Harand Tree	6 to 10 inches	All	None
Each Hazard Tree	Greater than 10 inches	All	Plant one tree

- 2. Replacement trees shall meet the following standards:
 - a. To be eligible as a replacement tree, the tree species must be selected from the appropriate list in the "City of Medina List of Suitable Tree Species" established in MMC 20.52.050;
 - b. Replacement trees shall be planted within the city right-of-way adjoining the subject lot;

- c. Each replacement tree shall have a minimum caliper of two inches or, if the tree is coniferous, it shall have a minimum height of six feet at the time of final inspection by the city;
- d. Replacement trees shall be planted in a manner of proper spacing and lighting that allows them to grow to maturity;
- e. At least one replacement city tree shall be of the same plant division (coniferous or deciduous) as the city tree removed;
- f. Approval to remove a city tree shall include conditions to make certain that replacement trees remain healthy and viable for at least five years after inspection by the city, including measures to replace those replacement trees that do not remain healthy and viable;
- 3. In addition to the requirement for replacement trees in subsections (E)(1) and (2) of this section, the public benefits lost due to the removal of the city tree shall be mitigated by paying a contribution to the Medina tree fund in accordance with the following:
 - a. The contribution shall be determined by multiplying the diameter breast height inches of the tree removed (significant and nonsignificant tree species) by a rate of \$25.00;
 - b. Where more than one city tree is removed, the contribution for each removed tree shall be added together to produce the total payment to the Medina tree fund;
 - c. The contribution rate for a city tree designated a hazard pursuant to MMC 20.52.200 is zero;
 - d. If removal of the city tree was not authorized by the city at the time of its removal, the contribution rates shall triple and be in addition to any other penalties that might apply;
 - e. Unless a city tree qualifies for the emergency exemption pursuant to MMC 20.52.030(B), city trees removed before a hazard or nuisance determination is made by the city shall be presumed not to be a hazard or a nuisance.
- F. The following planting requirements apply within the city right-of-way when a city tree is removed:
 - 1. The maximum number of trees in the city right-of-way shall be one tree for each 17 feet of linear public street frontage, or one tree for each 300 square feet of plantable area within the city right-of-way, whichever is greater, adjoining the subject lot;
 - 2. The director may increase the maximum number of city trees prescribed in subsection (F)(1) of this section, provided there is sufficient space in the city right-of-way adjoining the lot to accommodate the increase in city trees;
 - 3. If the tree replacement requirements prescribed in subsection (E) of this section would result in the total number of city trees in the right-of-way to exceed the maximum prescribed in subsection (F)(1) or (2) of this section, an applicant shall contribute \$290.00 to the

Medina tree fund for each replacement tree above the maximum in lieu of planting replacement trees above the maximum;

- 4. If the tree replacement requirements prescribed in subsection (E) of this section would result in the total number of city trees in the right-of-way to be below the maximum prescribed in subsection (F)(1) or (2) of this section, an applicant may plant additional trees in the right-of-way, subject to the limits in subsection (F)(1) or (2) of this section, and reduce contributions to the Medina tree fund by:
 - a. Six hundred dollars for each coniferous tree planted;
 - b. Five hundred dollars for each deciduous tree planted; and
- 5. New trees shall not be planted within three feet of the edge of any paved roadway.
- G. The requirements of this section may be used to satisfy the requirements set forth in MMC 20.52.410.
- H. Where a proposal includes application of this section and application of MMC 20.52.130 and/or 20.52.150, the requirements for supplemental trees and restoration trees shall be applied independent of the requirements in this section for replacement trees. (Ord. 958 § 3, 2018; Ord. 923 § 29, 2015)

20.52.410 Minimum street tree standards.

- A. This section shall apply to properties adjoining the following city rights-of-way:
 - 1. Minor arterial and collector street rights-of-way as defined in Chapter 10.08 MMC;
 - 2. NE 8th Street;
 - 3. 82nd Avenue NE between NE 8th Street and NE 12th Street;
 - 4. 84th Avenue NE south of NE 12th Street; and
 - 5. Evergreen Point Road north of 78th Place NE.
- B. The following street tree standards shall apply when the lot adjoining the right-of-way is under development pursuant to MMC 20.52.100:
 - 1. There shall be at least one city tree planted for each 300 square feet of plantable area within the city right-of-way adjoining the lot with a minimum of two trees planted; and
 - 2. The new city trees planted shall have a minimum two-inch caliper with coniferous trees also having a minimum height of six feet at the time of final inspection; and
 - 3. The requirements of this subsection may be satisfied with existing trees in the adjoining city right-of-way measured to the centerline; and
 - 4. New city trees shall not be planted within three feet of the edge of any paved roadway; and

- 5. Trees shall be planted in an informal pattern to create a natural appearance.
- C. The following exceptions shall apply:
 - 1. Shrubs, trees and plantings within the required sight line areas at private drives, private lane outlets and street intersections shall not interfere with required sight distances;
 - 2. The director may waive the requirements of this section if the right-of-way to be planted is planned for modification in the Medina capital improvements plan. (Ord. 923 § 30, 2015)

20.52.420 Owner responsibility within city rights-of-way.

- A. All owners of property adjoining a city right-of-way shall be responsible for maintaining all trees, shrubs, and other landscaping planted in the adjoining right-of-way by the property owner or previous owner of the property, or for which responsibility has been assumed by the owner through a recorded agreement with the city.
- B. All owners of the property adjoining a city right-of-way shall ensure the trees, shrubs and landscaping in the right-of-way adjoining their property do not interfere with the free passage of vehicles and pedestrians or cause any risk of danger to the public or property.
- C. No hazardous or destructive tree species shall be planted in the city rights-of-way. The city shall maintain a list of suitable trees that are acceptable to be planted in city rights-of-way consistent with MMC 20.52.050.
- D. The requirements of this section shall apply equally to the city rights-of-way whether the city's title to the right-of-way was obtained by dedication, condemnation, deed or in any other manner.
- E. For the purpose of this chapter, an owner shall be considered adjoining up to the centerline of the city right-of-way. (Ord. 923 § 31, 2015)

20.52.500 Liability.

Consistent with MMC 20.10.070, nothing contained in this chapter shall be construed or form the basis for any liability on the part of the city, or its officers, agents, consultants or employees, for any injury or damage resulting from any person's failure to comply with the provisions of this chapter or by reason of or in consequence of any act or omission in connection with the implementation of or enforcement of this chapter. (Ord. 923 § 32, 2015)

20.52.510 Other general provisions.

- A. Implementation and Costs.
 - 1. All costs associated with trimming and removal of trees shall be the responsibility of the applicant or property owner; and
 - 2. Any tree trimming or removal governed by this chapter shall be performed by a state of Washington licensed tree service contractor, bonded and insured for the liabilities associated with tree removal.
- B. Survey. The city may require as a condition of approving a tree removal permit that the applicant obtain a survey by a state of Washington licensed surveyor to determine if the trees

described in the application are located on the subject property, or if a tree is located within a city right-of-way.

- C. Supplemental Notice. The following shall supplement noticing requirements set forth in MMC 20.80.140(A) when applied to tree activity permits:
 - 1. Notice shall be posted on or near the subject tree or trees in a manner that clearly identifies all trees being considered under the application;
 - 2. The director may approve the use of a variety of reasonable methods to identify trees provided the methods clearly identify all trees being considered under the application; and
 - 3. The director may require additional notices to be posted when, in the opinion of the director, it is determined necessary to provide reasonable notification to the public of a pending application.
- D. Limitations on Occupancy. A certificate of occupancy shall not be issued until all required tree plantings and landscaping associated with this chapter is complete and receives final approval from the city. Temporary occupancy may be granted pursuant to MMC 20.40.100 before completion of the tree planting and landscaping work provided all of the following criteria are satisfied:
 - 1. The property owner provides a financial guarantee to the city to ensure completion of the tree planting and landscaping;
 - 2. The financial guarantee may take the form of a bond, line of credit, cash deposit, or another form acceptable to the city;
 - 3. The minimum amount of the financial guarantee shall be 150 percent of the estimated cost of landscaping and required tree plantings not completed at the time of the inspection; and
 - 4. Terms of the financial guarantee shall include, but are not limited to, conditions for approving the financial guarantee, a timeframe for the work to be completed, and terms under which the city shall release the financial guarantee.
- E. View and Sunlight Obstructions Caused by Trees. Pursuant to MMC 18.16.040, unreasonable obstructions of views or sunlight by uncontrolled growth or maintenance of trees may constitute a private nuisance subject to redress as set forth in Chapter 18.16 MMC. (Ord. 923 § 33, 2015)

Section Column	Tree Permit Number	Address	Total Tree Units	Total Actual	Sig. Tree Units	Actual Sig. Trees	Sig. Tree Units	Actual Remaining	Required	Required	Actual Suplemental Trees Planted (not in	Sa Et
SERIE 15.002 2003 VPM AVEN NE	Number		Units	Trees (not in units)		_		_	Tree Units	Supplemental Tree Units		Sq. Ft.
TREE_15-002 12-90	TREE-15-023	2403 76TH AVE NE	60.5								•	52,345
TREE_15-002 2027 PRIF N. R. 141.75 145 1 1 144.75 148 87 None-required 0 202												24,487
TREE_FISCADE 2079 PINE 11.5 13 4.5 5 7 8 7 None-required 0 0.20	TREE-15-026	1425 80TH AVE NE	5.75	6	1	1	4.75	5	4	None required	0	10,975
TREE_1-FOUL 2020 NC 13191ST 7,75 7 1 1 1 6,75 6 5 None-required 0 22 1 14 1 5 8 8 7 None-required 0 2 20 1 14 15 8 8 8 14 8 8 14 8 8 14 8 14 14 14 14 14 14 14 14 14 14 14 14 14	TREE-15-032	923 76TH AVE NE	141.75	145	1	1	140.75	144	82	None required	0	232,61
TREE_15-002 329 EVEOREER PT RD	TREE-15-038	3242 78TH PL NE	11.5	13	4.5	5	7	8	7	None required	0	20,023
TREE_16-002 SOR PLITS 33 34 7.5 8 25.5 26 9 None required 0 24 25 25 25 26 26										•		12,653
TREE_16-002 SCORNEZIFIEST STATE												20,000
TREE_16001 2025 PVIRLOWER POINT RO 0 0 0 0 0 0 0 0 0										•		19,844
MREE-16-001 2009 PPH AVE NE										•		24,550
TREE_16-013 2007 PATH AVE NE												20,350
TREE_16-002 30 SOTH AVE NR												8,119 40,642
TREE_16-022 39.00 MAYE NE 15.25 16 10 10 5.55 6 83 5 10.25 11 5 Mone required 0 13.00 16.00 15.0												13,815
TREE_16-020 JGS-GTH-MAY NR												13,816
TREE_16-022 265-78TH-M2 N N										•		20,373
TREE_16-030 26777TH AVE NE												15,564
TREE_16-031 3212 F78TH AVE NE												16,240
TREE_16-093 331 L'EVERGREEN POINT RD						1				•	0	8,119
TREE 16.093 61.032 77TH AVEN RE 6.25 6 0 0 0 6.25 6 7 1 1 1 9 8 8 8 1 24 TREE-16.042 10.13 AGTH AVEN RE 8.5 10 0 0 0 8.5 10 5 None required 0 12.7 TREE-16.042 10.13 AGTH AVEN RE 8.5 10 0 0 0 8.5 10 5 None required 0 12.7 TREE-16.043 10.13 AGTH AVEN RE 6.75 7 7 2 2 4.75 5 6 1 1.25 3 3 17 TREE-16.045 10.13 AGTH AVEN RE 6.75 7 7 2 2 4.75 5 6 1 1.25 3 3 17 TREE-16.045 10.13 AGTH AVEN RE 6.75 7 7 2 2 4.75 5 6 1 1.25 3 3 17 TREE-16.045 10.13 AGTH AVEN RE 6.75 7 7 2 2 4.75 1.8 None required 0 1.25 TREE-16.05 10.13 AGTH AVEN RE 1.25 1 35.5 36 11.7.5 18 18 70.5 10 6 None required 0 1.26 TREE-16.05 10.13 AGTH AVEN RE 1.25 1 1 0 0 1 1.25 1 3 1.75 12 TREE-16.05 10.13 AGTH AVEN RE 1.25 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH TO 1.25 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 1 0 0 0 1.25 1 3 1.75 2 9 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 1 0 0 0 1.25 1 3 1.75 0 0 0 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 1 0 0 0 1.25 1 3 1.75 0 0 0 TREE-17.001 10.05 DEVERGREEN F BOTH 1.25 1 1 1 5.75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TREE-16-032	7650 NE 10TH ST	24.5	26	14.25	18	10.25	8	6		0	16,051
TREE 16-047 7841 NE ZIST ST	TREE-16-033	3311 EVERGREEN POINT RD	33.75	35	8.25	9	25.5	26	10		0	26,136
TREE_10-042 1013 AGTH NAVE NE	TREE-16-036	1632 77TH AVE NE	6.25	6	0	0	6.25	6	7	1	1	18,449
TREE_16-048 1625 FAMBILING IN	TREE-16-037	7841 NE 21ST ST	2.5	3	1.5	2	1	1	9	8	8	24,911
TREE-16-05 911 877H AVE NE										None required		12,163
REELE-10-03 7842 NE 21ST ST 35.5 36 17.75 18 17.75 18 9 None required 0 24												52,707
TREE-1-007 2750 EVERGREEN POINT RD 23 25 13.5 15 9.5 10 6 None required 0 15												17,030
TREE-17-003 20 No No 71 HT ST 7.25 8 3 3 4.25 5 9 4.75 7 2.25 8 3 3 4.25 5 9 4.75 7 2.25 9 1 1 1 1 1 1 1 1 1												24,345
REEL-17-001 SAOO NE 7TH ST 7.25												16,963
REEL-17/003 20 DVERGEEN PTRD										•		19,868
REEL-17-008 SAI OVERLAKE DR RE												23,784
REEL-17-010 619-871H AVENE												9,600
RREE-17-012 625 SEAN AVENE 6.75 7 1 1 1 5.75 6 6 6 0.25 2 18 RREE-17-023 3401 EVERGREEN POINT RD 27.25 29 1 1 1 26.25 28 10 None required 0 27 RREE-17-025 209 79TH AVENE 2.75 3 0.75 1 2 2 3 1 1 2 8. RREE-17-028 79TH AVENE 2.75 3 0.75 1 2 2 3 1 1 2 8. RREE-17-033 1306 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 10 RREE-17-033 1306 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 16. RREE-17-040 79TH AVENE 1 0.25 7 2 2 4.25 5 4 None required 0 16. RREE-17-040 79TH AVENE 1 11.25 12 6.5 7 4.75 5 6 1.5 2 10 RREE-17-040 79TH AVENE 1 0 10 2 2 2 8 8 8 6 None required 0 11 RREE-17-040 79TH AVENE 1 0 10 2 2 2 8 8 8 6 None required 0 16. RREE-17-047 7545 NE 28TH PL 24.25 27 12.5 13 11.75 14 13 1.25 15 38 RREE-17-047 7545 NE 28TH PL 24.25 27 12.5 13 11.75 14 13 1.25 15 38 RREE-17-047 7545 NE 28TH PL 24.25 27 12.5 13 11.75 14 13 1.25 15 38 RREE-17-048 821 76TH AVENE 76 80 11.25 12 6.65 7 7 1.25 16 16 None required 0 14. RREE-17-049 822 MIGHING NEW 1 12.25 13 6.5 7 5.75 6 7 1.25 15 38 RREE-17-051 3244 76TH AVENE 76 80 11.25 12 6.65 7 7 1.25 13 11.75 14 13 1.25 15 38 RREE-17-051 3244 76TH AVENE 76 80 11.25 12 6.65 7 7 5.75 6 7 1.25 15 38 RREE-17-051 3244 76TH AVENE 76 80 11.25 12 6.65 7 7 5.75 6 7 1.25 15 38 RREE-17-051 3244 76TH AVENE 76 80 11.25 13 3 6.5 7 5.75 6 7 7 1.25 1 1 21. RREE-17-051 3254 76TH AVENE 77 8 80 11.25 15 8 8 10 None required 0 134 RREE-18-000 7853 NEL 14TH ST 9.5 10 5.5 6 4 4 4 3 None required 0 134 RREE-18-001 33 86TH AVEN NE 75 75 75 75 75 75 75 75 75 75 75 75 75										•		13,826
RRE-17-023 A0D EVERGREEN POINT RD 27.25 29 1 1 26.25 28 10 None required 0 27. RRE-17-025 209 371H AVE NE 2.75 3 0.75 1 2 2 3 3 1 2 8, RRE-17-028 7819 NE 10TH ST 6.75 8 2.5 2 4.25 6 4 None required 0 10. RRE-17-038 100 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 10. RRE-17-038 100 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 10. RRE-17-038 100 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 10. RRE-17-038 100 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 10. RRE-17-048 100 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 10. RRE-17-048 100 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 11. RRE-17-048 100 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 11. RRE-17-048 100 EVERGREEN POINT RD 20 21 11.75 12 8.25 9 6 None required 0 11. RRE-17-046 10. RV 24. NE 10TH ST 6.25 7 2 2 4.25 6 4 None required 0 11. RRE-17-046 10. RV 24. NE 10TH ST 6.25 7 2 2 4.25 6 5 7 4.75 5 6 1.25 2 2 10. RRE-17-046 10. RV 24. NE 10TH ST 6.25 7 12.5 13 11.75 14 13 1.25 15 16. RRE-17-046 10. RV 24. NE 10TH ST 6.25 7 12.5 13 11.75 14 13 1.25 15 16. RRE-17-047 10. RV 24. RV 24. RV 25 27 12.5 13 11.75 16 18 10. None required 0 44 RRE-17-051 3244 75TH AVE NE 12.25 13 6.5 7 5.75 6 7 1.25 1 21. RRE-17-051 3244 75TH AVE NE 12.25 13 6.5 7 5.75 6 7 1.25 1 21. RRE-17-050 10. RV 24. RV 25 25 13 6.5 7 5.75 6 7 1.25 1 21. RRE-17-050 10. RV 25 25 10. RV 25					-					•		21,625
RREE_17-022 3401 EVERGREEN POINT RD	_											16,355 25,763
RREE-17-QS2 2209 79TH AVE NE												27,007
RREE_17-028												8,119
RREE_17-038 1306 EVERGREEN POINT RD												10,650
RREE_17-048 8233 OVERLAKE DR W 3.5												16,368
RRE-17-040 8700 NE 11TH ST												10,668
TREE-17-041 7842 NE 10TH ST 11.25 12 6.5 7 4.75 5 6 1.25 2 1.25 1.2	TREE-17-040	8700 NE 11TH ST	6.25	7	2	2	4.25	5	4	None required	0	11,288
TREE-17-046 2610 82ND AVE NE	TREE-17-041	7842 NE 10TH ST	11.25	12	6.5	7	4.75	5	6		2	16,000
TREE-17-047 755 NE 28TH PL 24.25 27 12.5 13 11.75 14 13 1.25 15 36 TREE-17-048 2841 76TH AVE NE 76 80 11.25 12 64.75 68 16 None required 0 44 TREE-17-051 3244 76TH AVE NE 12.25 13 6.5 7 5.75 6 7 7 1.25 1 221 TREE-17-052 1324 76TH AVE NE 12.25 13 6.5 7 5.75 6 7 7 1.25 1 221 TREE-17-052 1324 76TH AVE NE 67 67 7 7 6 6 2.5 3 3 3 3 5 5 2 2 2 2 12 TREE-17-052 7852 NE 14TH ST 9.5 10 5.5 6 4 4 4 3 None required 0 8.8 TREE-18-005 7852 NE 14TH ST 9.5 10 5.5 6 4 4 4 3 None required 0 8.8 TREE-18-005 433 86TH AVE NE 5.25 6 0.75 1 4.5 5 7 2.75 5 17 TREE-18-015 221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 78 TREE-18-015 20 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 78 TREE-18-015 20 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 78 TREE-18-015 20 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 78 TREE-18-015 20 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 67 TREE-18-015 20 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 8 4 None required 0 9.9 TREE-18-015 20 20 EVERGREEN PT RD 18.5 19 11 11 7.5 8 7 None required 0 9.9 TREE-18-015 20 265 EVERGREEN PT RD 18.5 19 11 11 7.5 8 7 None required 0 9.9 TREE-18-015 20 265 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 TREE-18-015 18 426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 6 25 78 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 TREE-18-015 18 426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 6 25 78 EVERGREEN PT RD 19.5 21 10.5 11 9 None required 0 6 6 18 TREE-18-015 10 24 82ND AVE NE 15.25 18 6 7 9.25 11 9 None required 0 9.9 TREE-18-015 11 84 hAVE NE 15.25 18 6 7 9.25 11 9 None required 0 9.9 TREE-18-015 11 84 hAVE NE 15.25 18 6 7 9.55 6 6 0.5 1 17 7 9 9 7 None required 0 12 EVERGREEN PT RD 14.25 15 8.75 9 5.5 6 6 0.5 1 17 RREE-19-015 14 14.75 15 15 8.75 9 5.5 6 6 0.5 1 17 8 None required 0 12 EVERGREEN PT RD 14.25 15 8.75 9 5.5 6 6 0.5 1 17 9 9 7 None required 0 12 EVERGREEN PT RD 14.25 15 8.75 9 5.5 6 6 0.5 1 17 9 9 9 7 None required 0 19 TREE-19-015 14 14.75 15 1	TREE-17-044	2612 79TH AVE NE	10	10	2	2	8	8	6	None required	0	16,240
TREE-17-048 2841 76TH AVE NE	TREE-17-046	2610 82ND AVE NE	4	4	3	3	1	1	5	4	5	15,388
TREE-17-051 3244 76TH AVE NE 12.25 13 6.5 7 5.75 6 7 1.25 1 21 TREE-17-054 8423 Midland Road 5.5 6 2.5 3 3 3 5 2 2 12 TREE-17-054 1201 76TH AVE NE 67 67 67 67 66 60 61 48 None required 0 130 TREE-18-002 1201 76TH AVE NE 67 7 6 66 60 61 48 None required 0 8, TREE-18-005 438 S6TH AVE NE 5.25 6 0.75 1 4.5 5 7 2.75 5 17 17 17 12 12 12 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 TREE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 TREE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 TREE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 TREE-18-014 121 EVERGREEN POINT RD 79.5 86 148.75 51 30.75 35 23 None required 0 67 TREE-18-015 15 OVERLAKE DR E 7.5 9 1 1 1 6.5 8 4 None required 0 9.90 TREE-18-012 3265 EVERGREEN PT RD 18.5 19 11 11 17.5 8 7 None required 0 20 TREE-18-023 3265 EVERGREEN PT RD 17 17 12 12 12 5 5 8.5 3.5 8 3.3 18 32 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 3.4 TREE-18-024 3265 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 3.4 TREE-18-023 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 25 TREE-18-033 1024 82ND AVE NE 4 4 4 1 10.25 11 22 1.75 5 62 25 TREE-18-035 1024 82ND AVE NE 15.25 18 6 7 9.25 11 9 None required 0 9.90 TREE-18-035 113 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 9.90 TREE-19-019 607 86th Ave NE 15.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-18-038 113 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 9.90 TREE-19-019 607 86th Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-019 607 86th Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-019 607 86th Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-019 70 82ND AVE NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-019 82ND AVE NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-019 82ND AVE NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-019 82ND AVE NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2 2.75 3 7 6 None required 0	TREE-17-047	7545 NE 28TH PL	24.25	27	12.5	13	11.75	14	13	1.25	15	36,370
TREE-17-054 8423 Midland Road 5.5.5 6 2.5.5 3 3 3 3 5 5 2 12 12 TREE-17-060 1201 76TH AVE NE 67 67 77 6 60 60 61 48 None required 0 133 FREE-18-005 7852 NE 14TH ST 9.5 10 5.5 6 4 4 4 3 None required 0 8, TREE-18-005 7852 NE 14TH ST 9.5 10 5.5 6 4 4 4 3 None required 0 8, TREE-18-005 7852 NE 14TH ST 9.5 10 5.5 6 4 4 4 3 None required 0 8, TREE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 TREE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 TREE-18-013 1221 EVERGREEN PT RD 18.5 19 11 11 6.5 8 4 None required 0 9, TREE-18-023 3265 EVERGREEN PT RD 18.5 19 11 11 7.5 8 7 None required 0 20 TREE-18-023 3265 EVERGREEN PT RD 17 17 17 12 12 12 5 5 8.5 3.5 8 3.4 TREE-18-03 3267 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 3.4 TREE-18-031 8426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 25 TREE-18-032 7470 OVERLAKE DR W 12.75 15 8 10 3.75 5 9 5.25 6 25 TREE-18-033 1024 82ND AVE NE 4 4 1 1 1 3 3 3 2.5 None required 0 6, TREE-18-031 1034 NE NE 15.25 18 6 7 9.25 11 9 None required 0 6, TREE-18-031 1134 HAVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 REE-19-009 1637 77TH AVE NE 53 57 24.75 57 5 9 5.5 6 6 0.5 1 17 ERE-19-009 1637 77TH AVE NE 55 15 5 26 5.75 6 19.25 20 12 None required 0 32 REE-19-009 1637 77TH AVE NE 55 26 5.75 6 19.25 20 12 None required 0 79 REE-19-003 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 12 REE-19-003 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 7 6 None required 0 12 REE-19-004 8080 NE 24TH ST 4.75 5 2 2 2 2.75 3 6 3.25 5 15 REE-19-004 8080 NE 24TH ST 4.75 5 5 2 2 2 2.75 3 6 None required 0 12 REE-19-004 2436 82nd AVE NE 24 24 4.25 4 19.75 20 6 None required 0 15 REE-19-004 2436 82nd AVE NE 24 24 4.25 4 19.75 20 6 None required 0 15 REE-19-004 2436 82nd AVE NE 17.25 18 10.75 11 6.5 7 9 2.5 4 255 7 7 17 REE-19-004 2436 82nd AVE NE 17.25 18 10.75 11 6.5 7 9 2.5 4 255 7 7 17 REE-19-004 2436 82nd AVE NE 17.25 18 10.75 11 6.5 7 9 2.5 4 255 7 7 17 REE-19-004 2436 82nd AVE NE 17.25 18 10.75 11 6.5 7 9 2.5 5 7 7 17 8	TREE-17-048	2841 76TH AVE NE	76	80	11.25	12	64.75	68	16	None required	0	44,789
TREE-18-002 1201 76TH AVE NE 67 67 77 6 60 60 61 48 None required 0 1330 TREE-18-002 7852 NE 14TH ST 9.5 10 5.5 6 4 4 3 None required 0 8, 17EE-18-005 433 86TH AVE NE 5.25 6 0.75 1 4.5 5 7 2.75 5 17 7 17EE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 7 17EE-18-017 202 OVERLAKE DR E 19.25 20 13 14 6.25 6 9.5 3.25 4 26 17EE-18-017 202 OVERLAKE DR E 19.25 20 13 14 6.25 6 9.5 3.25 4 26 17EE-18-019 515 OVERLAKE DR E 7.5 9 1 1 1 6.5 8 7 None required 0 9, 17EE-18-023 3265 EVERGREEN PT RD 18.5 19 11 11 7.5 8 7 None required 0 20 17EE-18-023 3265 EVERGREEN PT RD 17 17 17 12 12 12 5 5 8 3.5 8 23 17EE-18-024 3265 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 3.5 8 23 17EE-18-033 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 3.5 8 34 17EE-18-033 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 17EE-18-033 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 17EE-18-033 1024 82ND AVE NE 4 4 1 1 3 3 3 2.5 None required 0 6.5 17EE-18-035 1024 82ND AVE NE 4 4 1 1 3 3 3 2.5 None required 0 6.5 17EE-18-035 1024 82ND AVE NE 5 3 57 24.75 27 28.25 30 28 None required 0 79 17EE-19-031 1655 73RD AVE NE 5 3 57 24.75 27 28.25 30 28 None required 0 79 17EE-19-031 655 73RD AVE NE 5 3 57 24.75 27 28.25 30 28 None required 0 79 17EE-19-031 655 73RD AVE NE 5 3 57 24.75 27 28.25 30 28 None required 0 79 17EE-19-031 657 37RD AVE NE 5 3 57 24.75 27 28.25 30 28 None required 0 79 17EE-19-032 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 79 17EE-19-032 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 12 17 17EE-19-032 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 12 17 17EE-19-032 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 12 17 17EE-19-032 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 12 17 18 18 7.25 8 9.75 10 6 None required 0 12 18 18 18 18 18 18 18 18 18 18 18 18 18	TREE-17-051	3244 76TH AVE NE	12.25		6.5		5.75	6		1.25		21,208
TREE-18-002 7852 NE 14TH ST 9.5 10 5.5 6 4 4 3 None required 0 8,									5	2		12,920
TREE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 REE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 REE-18-017 202 OVERLAKE DR E 19.25 20 13 14 6.25 6 9.5 3.25 4 2.66 REE-18-019 515 OVERLAKE DR E 7.5 9 1 1 1 6.5 8 4 None required 0 9.9 REE-18-023 3265 EVERGREEN PT RD 18.5 19 11 11 7.5 8 7 None required 0 20 REE-18-023 3267 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 REE-18-024 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 REE-18-032 7747 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 25 REE-18-032 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 REE-18-033 1024 82ND AVE NE 4 4 4 1 1 1 3 3 3 2.5 None required 0 6, REE-18-037 1655 73RD AVE NE 15.25 18 6 7 9.25 11 9 None required 0 6, REE-18-039 118 48th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 REE-19-009 1637 77TH AVE NE 53 57 24.75 5 6 19.25 20 12 None required 0 32 REE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 6 0.5 1 77 REE-19-024 2030 EVERGREEN PT RD 14.25 15 8.75 9 5.5 6 6 0.5 1 17 REE-19-025 2030 EVERGREEN PT RD 15.25 18 6 7 7 9.25 11 9 None required 0 79 REE-19-039 2030 EVERGREEN PT RD 15.25 18 6 7 9.25 11 9 None required 0 79 REE-19-039 2030 EVERGREEN PT RD 15.25 15 8.75 9 5.5 6 19.25 20 12 None required 0 79 REE-19-039 2030 EVERGREEN PT RD 15.25 15 8.75 9 5.5 6 6 6 0.5 1 17 REE-19-024 2030 EVERGREEN PT RD 15.5 15 7.75 8 7 7 6 None required 0 12 REE-19-024 8080 NE 24TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 REE-19-034 2436 82H STH ST 17 18 7.25 8 9.75 10 6 None required 0 15 REE-19-034 2436 82H STH ST 17 18 7.25 18 10.75 11 6.5 7 9 9 7 None required 0 15 REE-19-034 2436 82H AVE NE 10.25 11 4.75 5 5.5 6 12.65 9 32 REE-19-034 2436 82H AVE NE 10.25 11 4.75 5 5.5 6 12.65 9 32 REE-19-034 2436 82H AVE NE 10.25 11 4.75 5 5.5 5 6 12.65 9 32 REE-19-034 2436 82H AVE NE 10.25 11 4.75 5 5.5 5 6 12.65 9 32 REE-19-034 2436 82H AVE NE 10.25 11 4.75 5 5 5.5 6 12.65 9 32 REE-19-034 2436 82H AVE NE 10.25 11 4.75 5 5 5.5 6 12.65 9 32 REE-19-034 2436 82H AVE NE												136,90
TREE-18-013 1221 EVERGREEN POINT RD 79.5 86 48.75 51 30.75 35 23 None required 0 67 TREE-18-017 202 OVERLAKE DR E 19.25 20 13 14 6.25 6 9.5 3.25 4 26 7 TREE-18-019 515 OVERLAKE DR E 7.5 9 1 1 1 6.5 8 4 None required 0 99, TREE-18-022 3265 EVERGREEN PT RD 18.5 19 11 11 7.5 8 7 None required 0 20 TREE-18-023 3265 EVERGREEN PT RD 17 17 12 12 12 5 5 8.5 3.5 8 3.5 3.5 8 3.5 TREE-18-024 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 TREE-18-031 8426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 25 13.5 14 10.25 11 22 1.75 5 62 TREE-18-032 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 TREE-18-032 7747 OVERLAKE DR W 15.25 18 6 7 9.25 11 9 None required 0 6, TREE-18-031 118 4th AVE NE 15.25 18 6 7 9.25 11 9 None required 8 21 TREE-18-034 118 4th AVE NE 15.25 18 6 7 9.25 11 9 None required 0 6, TREE-18-039 1637 7771 AVE NE 25 26 5.75 6 19.25 20 12 None required 0 32 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 177 178 18 7.25 8 7 7 7 6 None required 0 12 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 15 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 None required 0 12 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 None required 0 15 TREE-19-024 8230 Evergreen Point Rd 14.75 15 7.75 8 9.75 10 6 None required 0 15 TREE-19-024 236 Evergreen Point Rd 14.75 15 7.75 8 9.75 10 6 None required 0 15 TREE-19-024 8080 NE 24TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-024 236 Evergreen Point Rd 14.75 15 7.75 8 9.75 10 6 None required 0 15 TREE-19-024 8230 Evergreen Point Rd 14.75 15 7.75 8 9.75 10 6 None required 0 15 TREE-19-024 236 Evergreen Point Rd 14.75 15 7.75 8 9.75 10 6 None required 0 15 TREE-19-024 8230 Evergreen Point Rd 14.75 15 7.75 8 9.75 10 6 None required 0 15 TREE-19-024 8230 Evergreen Point Rd 14.75 15 7.75 8 9.75 10 6 None required 0 15 TREE-19-024 824 824 825 4 9 19.75 20 6 None required 0 15 TREE-19-024 824 824 825 4 9 19.75 20 6 None required 0 15 TREE-19-024 824 824 825 8 9.75 10 6 None required 0 15 TREE-19-024 824 825 8 9 7 7 None required 0 15 TREE-19-025												8,675
TREE-18-017 202 OVERLAKE DR E 19.25 20 13 14 6.25 6 9.5 3.25 4 26 TREE-18-019 515 OVERLAKE DR E 7.5 9 1 1 1 6.5 8 4 None required 0 9.9 TREE-18-022 3265 EVERGREEN PT RD 18.5 19 11 11 17 7.5 8 7 None required 0 20 TREE-18-023 3267 EVERGREEN PT RD 17 17 17 12 12 5 5 8 8.5 3.5 8 23 TREE-18-024 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 3.5 8 3.4 TREE-18-031 8426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 25 TREE-18-032 10.4 82ND AVE NE 4 4 1 1 3 3 3 2.5 None required 0 6.7 TREE-18-035 10.4 82ND AVE NE 4 4 1 1 3 3 3 2.5 None required 0 6.7 TREE-18-035 11 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 8 21 TREE-18-039 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 32 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 7 TREE-19-021 2519 82nd Ave NE 9.5 10 2.75 3 6.75 7 7 6 None required 0 12 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2 2.75 3 6 6 3.25 S 12 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2 2.75 3 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.25 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.75 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.75 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.75 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.75 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.75 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.75 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.75 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-024 2436 82nd Ave NE 14.75 15 7.75 8 7 7 7 6 None required 0 15 TREE-19-034 2436 82nd Ave NE 14.25 15 8.75 9 9 7 None required 0 15 TREE-19-034 2436 82nd Ave NE 14.25 15 8.75 9 9 7 None required 0 15 TREE-19-034 2436 82nd Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 2.5 9 3 3 TREE-19-034 2436 82nd Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 2.5 9 3 3 7 5.5 7 7 7 5.5 7 7 7 5 7 7 7 5 7 7 7 5 7 7 7 5 7												17680
TREE-18-019 TREE-18-023 TREE-18-024 TREE-18-024 TREE-18-024 TREE-18-024 TREE-18-024 TREE-18-024 TREE-18-024 TREE-18-025 TREE-18-025 TREE-18-024 TREE-18-024 TREE-18-025 TREE-18-025 TREE-18-025 TREE-18-026 TREE-18-026 TREE-18-027 TREE-18-027 TREE-18-027 TREE-18-028 TREE-18-028 TREE-18-029 TREE-19-029 TREE-1												67,700
TREE-18-022 3265 EVERGREEN PT RD 18.5 19 11 11 7.5 8 7 None required 0 20 TREE-18-023 3267 EVERGREEN PT RD 17 17 12 12 12 5 5 5 8.5 3.5 8 23 TREE-18-024 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 34 TREE-18-031 8426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 25 TREE-18-032 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 TREE-18-035 1024 82ND AVE NE 4 4 1 1 1 3 3 3 2.5 None required 0 6, TREE-18-035 11 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 1637 777H AVE NE 25 26 5.75 6 19.25 20 12 None required 0 79 1637 777H AVE NE 25 26 5.75 6 6 6 0.5 1 77 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 6 0.5 1 77 TREE-19-021 2519 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-023 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 7 6 None required 0 12 TREE-19-032 7648 NE 12th St 25.5 26 16.5 17 9 9 7 7 None required 0 12 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-032 231 78TH AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-034 148 877th AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-034 148 877th AVE NE 10.25 11 4.75 5 5.5 5 6 12 6.5 9 32 TREE-19-034 148 877th AVE NE 17.25 18 10.75 11 6.5 7 9 2.5 4 25 7 7 None required 0 18 TREE-19-049 3300 78TH PL NE 17.25 18 10.75 11 6.5 7 9 2.5 4 25 7 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL												26,400
TREE-18-023 3267 EVERGREEN PT RD 17 17 12 12 12 5 5 5 8.5 3.5 8 23 TREE-18-024 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 TREE-18-031 8426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 25 TREE-18-032 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 TREE-18-035 1024 82ND AVE NE 4 4 4 1 1 3 3 3 2.5 None required 0 6, TREE-18-037 1655 73RD AVE NE 15.25 18 6 7 9.25 11 9 None required 8 21 TREE-18-038 11 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 TREE-19-039 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 79 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 6 0.5 1 17 TREE-19-021 2519 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-022 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 12 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2 2.75 3 6 3.25 5 15 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 19 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-034 2436 82nd Ave NE 24 24 4.25 4 19.75 20 6 None required 0 15 TREE-19-034 2436 82nd Ave NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-043 2330 78TH AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-044 1848 77th Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 2.5 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18												9,900
TREE-18-024 3263 EVERGREEN PT RD 19.5 21 10.5 11 9 10 12.25 3.5 8 34 TREE-18-031 8426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 25 TREE-18-032 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 TREE-18-035 1024 82ND AVE NE 4 4 1 1 3 3 2.5 None required 0 6, TREE-18-037 1655 73RD AVE NE 15.25 18 6 7 9.25 11 9 None required 0 6, TREE-18-037 118 84h AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 TREE-19-009 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 12										•		20,023
TREE-18-031 8426 OVERLAKE DR W 11.75 15 8 10 3.75 5 9 5.25 6 25 TREE-18-032 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 TREE-18-035 1024 82ND AVE NE 4 4 1 1 3 3 2.5 None required 0 6, TREE-18-038 1525 18 6 7 9.25 11 9 None required 0 6, TREE-18-038 111 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 TREE-19-009 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 32 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-19-021												34,342
TREE-18-032 7747 OVERLAKE DR W 23.75 25 13.5 14 10.25 11 22 1.75 5 62 TREE-18-035 1024 82ND AVE NE 4 4 4 1 1 3 3 2.5 None required 0 6, TREE-18-037 1655 73RD AVE NE 15.25 18 6 7 9.25 11 9 None required 0 79 TREE-18-038 111 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 TREE-19-009 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 32 TREE-19-001 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-19-021 259 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>25,828</td></th<>												25,828
TREE-18-035 1024 82ND AVE NE 4 4 1 1 3 3 2.5 None required 0 6, TREE-18-037 1655 73RD AVE NE 15.25 18 6 7 9.25 11 9 None required 8 21 TREE-18-038 111 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 TREE-19-009 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 32 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-19-042 25 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12												62,153
TREE-18-037 1655 73RD AVE NE 15.25 18 6 7 9.25 11 9 None required 8 21 TREE-18-038 111 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 TREE-19-009 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 32 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-19-021 2519 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-024 2520 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 16 TREE-19-024 808 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15												6,925
TREE-18-038 111 84th AVE NE 53 57 24.75 27 28.25 30 28 None required 0 79 TREE-19-009 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 32 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-19-021 2519 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-022 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 16 TREE-19-024 808 0 NE 24TH ST 4.75 5 2 2 2 2.75 3 6 3.25 5 15 TREE-19-024 808 NE 12th St 25.5 26 16.5 17 9 9 7 None required 0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td></td><td>21,720</td></th<>										•		21,720
TREE-19-009 1637 77TH AVE NE 25 26 5.75 6 19.25 20 12 None required 0 32 TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-19-021 2519 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-023 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 16 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15 TREE-19-024 8080 NE 24TH ST 4.75 18 7.25 8 9.75 10 6 None required 0 19												79,918
TREE-19-019 607 86th Ave NE 14.25 15 8.75 9 5.5 6 6 0.5 1 17 TREE-19-021 2519 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-023 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 16 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15 TREE-19-024 8080 NE 24TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-0												32,614
TREE-19-021 2519 82nd Ave NE 9.5 10 2.75 3 6.75 7 5 None required 0 12 TREE-19-023 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 16 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15 TREE-19-026 7648 NE 12th St 25.5 26 16.5 17 9 9 7 None required 0 19 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-034 2436 82nd Ave NE 24 24 4.25 4 19.75 20 6 None required 0 15 TREE-19-034 2486 78th AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32										•		17,036
TREE-19-023 2230 Evergreen Point Rd 14.75 15 7.75 8 7 7 6 None required 0 16 TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15 TREE-19-026 7648 NE 12th St 25.5 26 16.5 17 9 9 7 None required 0 19 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-034 2436 82nd Ave NE 24 24 4.25 4 19.75 20 6 None required 0 15 TREE-19-034 2231 78TH AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-044 1848 77th Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 25 TREE-19-045 226 Overlake Dr E 4.25 5 1.75 2 2.5 <												12,024
TREE-19-024 8080 NE 24TH ST 4.75 5 2 2 2.75 3 6 3.25 5 15 TREE-19-026 7648 NE 12th St 25.5 26 16.5 17 9 9 7 None required 0 19 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-034 2436 82nd Ave NE 24 24 4.25 4 19.75 20 6 None required 0 15 TREE-19-034 1848 77th AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-045 1848 77th Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 25 TREE-19-045 226 Overlake Dr E 4.25 5 1.75 2 2.5 3 7 5.5 7 17 TREE-1						8		7		•		16,238
TREE-19-026 7648 NE 12th St 25.5 26 16.5 17 9 9 7 None required 0 19 TREE-19-032 7838 NE 8TH ST 17 18 7.25 8 9.75 10 6 None required 0 15 TREE-19-034 2436 82nd Ave NE 24 24 4.25 4 19.75 20 6 None required 0 15 TREE-19-034 2231 78TH AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-044 188 77th Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 25 TREE-19-045 226 Overlake Dr E 4.25 5 1.75 2 2.5 3 7 5.5 7 17 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18								3		•		15,952
TREE-19-034 2436 82nd Ave NE 24 24 4.25 4 19.75 20 6 None required 0 15 TREE-19-038 2231 78TH AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-044 1848 77th Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 25 TREE-19-045 226 Overlake Dr E 4.25 5 1.75 2 2.5 3 7 5.5 7 17 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-057 1405 Evergreen Point Rd 39.25 44 0.75 1 38.5 43 12 None required 0 34	TREE-19-026	7648 NE 12th St	25.5	26	16.5	17	9	9	7	None required	0	19,850
TREE-19-038 2231 78TH AVE NE 10.25 11 4.75 5 5.5 6 12 6.5 9 32 TREE-19-044 1848 77th Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 25 TREE-19-045 226 Overlake Dr E 4.25 5 1.75 2 2.5 3 7 5.5 7 17 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-057 1405 Evergreen Point Rd 39.25 44 0.75 1 38.5 43 12 None required 0 34	TREE-19-032	7838 NE 8TH ST			7.25	8	9.75	10	6	None required	0	15,971
TREE-19-044 1848 77th Ave NE 17.25 18 10.75 11 6.5 7 9 2.5 4 25 TREE-19-045 226 Overlake Dr E 4.25 5 1.75 2 2.5 3 7 5.5 7 17 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-057 1405 Evergreen Point Rd 39.25 44 0.75 1 38.5 43 12 None required 0 34	TREE-19-034	2436 82nd Ave NE	24	24	4.25		19.75	20	6	None required	0	15,948
TREE-19-045 226 Overlake Dr E 4.25 5 1.75 2 2.5 3 7 5.5 7 17 TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-057 1405 Evergreen Point Rd 39.25 44 0.75 1 38.5 43 12 None required 0 34												32,485
TREE-19-049 3300 78TH PL NE 21.25 22 12.75 13 8.5 9 7 None required 0 18 TREE-19-057 1405 Evergreen Point Rd 39.25 44 0.75 1 38.5 43 12 None required 0 34												25,586
TREE-19-057 1405 Evergreen Point Rd 39.25 44 0.75 1 38.5 43 12 None required 0 34												17,820
										•		18,675
8015 NE 28th St 10.5 11 5.75 6 4.75 5 4 None required 0 9,		_										34,105
	TREE-19-058	8015 NE 28th St	10.5	11	5.75	6	4.75	5	4	None required	0	9,382

TREE_19-072 2019 79TH AVE NE	TREE-19-062	7823 NE 14TH ST	21.25	26	12.75	14	8.5	12	7	None required	0	19,862
TREE-19-076 8297 Overlake Dr W 24.25 26 7.25 8 17 18 11 None required 0 124,636 RREE-19-080 1010 84TH AVE NE 6.75 9 3.75 5 3 4 4 1 1 1 1 5,979 1 1 1 1 1 1 1 1 1	TREE-19-063	2019 79TH AVE NE	42.5	43	32.75	33	9.75	10	9	None required	0	23,219
TREE-19-080 1010 84TH AVE NE	TREE-19-072	2033 77TH AVE NE	2	2	1	1	1	1	3	2	2	8,188
TREE_20-002 442 87TH AVE NE	TREE-19-076	8297 Overlake Dr W	24.25	26	7.25	8	17	18	11	None required	0	124,636
TREE-20-002 850 80TH AVE NE 20.25 21	TREE-19-080	1010 84TH AVE NE	6.75	9	3.75	5	3	4	4	1	1	8,979
TREE-20-001 8909 GROAT PT 3.75 5 0.75 1 3 4 8 5 5 23,188	TREE-19-081	442 87TH AVE NE	63	73	28.5	33	34.5	40	21	None required	0	59,480
TREE-20-005 444 OVERLAKE DR E 8.25 10 5 6 3.25 4 5 1.75 3 13,950	TREE-20-002	850 80TH AVE NE	20.25	21	11	11	9.25	10	7	None required	0	17,904
TREE-20-008 438 OVERLAKE DR E 20 22 10 12 10 10 7 None required 0 19,970 TREE-20-008 2622 STRI AVE NE 10 10 7 7 3 3 3 3 None required 0 8,120 TREE-20-010 1407 76TH AVE NE 7 7 7 2 2 2 5 5 5 3 None required 0 8,120 TREE-20-011 2451 78TH AVE NE 23.25 25 5.5 6 17.75 19 11 None required 0 30,004 TREE-20-012 2451 78TH AVE NE 6.75 7 4 4 4 2.75 3 3 0.25 2 8,119 TREE-20-013 7815 NE 28TH ST 11.5 14 8.5 9 3 5 5 3 None required 0 8,120 TREE-20-014 1645 73RD AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 5 13,300 TREE-20-015 7619 NE 22ND ST 17.25 18 9.5 10 7.75 8 6 None required 0 16,303 TREE-20-042 2036 EVERGREEN POINT RD 17 18 5 5 5 12 13 6 None required 0 14,850 TREE-20-055 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 19,753 TREE-20-050 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 22,950 TREE-20-080 1800 77TH AVE NE 26 27 10.75 11 15.5 16 11 None required 0 22,950 TREE-20-081 2667 87TH AVE NE 15.25 15 8 8 8 7.25 7 11 None required 0 22,950 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 8 7.25 7 11 S.5 4 4 12.76 TREE-20-081 2617 87TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-20-081 2627 78TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-20-081 2627 78TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-21-031 777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-013 777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-013 757 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-015 7611 NE 12TH ST 12.75 15 0.75 1 12 12 14 3 None required 0 230,103 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12.5 14 12.5 14 13 None required 0 84.73 TREE-21-017 70 OVERLAKE DR W 17.5 15 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	TREE-20-004	8909 GROAT PT	3.75	5	0.75	1	3	4	8	5	5	23,188
TREE-20-008 2626 78TH AVE NE 10 10 7 7 7 3 3 3 None required 0 8,120 1407 76TH AVE NE 23.25 25 5.5 6 17.75 19 11 None required 0 30,004 14EE-20-010 2632 78TH AVE NE 23.25 25 5.5 6 17.75 19 11 None required 0 30,004 14EE-20-011 2451 78TH AVE NE 6.75 7 4 4 4 2.75 3 3 0.25 2 8,119 14EE-20-012 619 8ATH AVE NE 21.5 23 2.75 3 18.75 20 8 None required 0 21,625 14EE-20-013 7815 NE 28TH ST 11.5 14 8.5 9 3 5 None required 0 8,120 1467 578D AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 5 13,300 14EE-20-014 1645 73RD AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 5 5 13,300 14EE-20-014 1645 73RD AVE NE 5.25 18 9.5 10 7.75 8 6 None required 0 16,303 14EE-20-004 2036 EVERGREEN POINT RD 17 18 5 5 12 13 6 None required 0 14,850	TREE-20-005	444 OVERLAKE DR E	8.25	10	5	6	3.25	4	5	1.75	3	13,950
TREE-20-010 2632 78TH AVE NE 7 7 2 2 5 5 3 None required 0 8,120 TREE-20-011 1407 76TH AVE NE 23.25 25 5.5 6 17.75 19 11 None required 0 30,004 TREE-20-012 2451 78TH AVE NE 21.5 23 2.75 3 18.75 20 8 None required 0 21,625 TREE-20-013 619 84TH AVE NE 21.5 23 2.75 3 18.75 20 8 None required 0 21,625 TREE-20-013 1645 73RD AVE NE 5.25 6 5.25 6 0 0 5 5 5 13,030 TREE-20-019 7619 NE 22ND ST 17.25 18 9.5 10 7.75 8 6 None required 0 16,303 TREE-20-019 707 OVERLAKE DR E 36.75 39 21.5 23 15.25 16 7 None required 0	TREE-20-006	438 OVERLAKE DR E	20	22	10	12	10	10	7	None required	0	19,970
TREE-20-010 1407 76TH AVE NE 23.25 25 5.5 6 17.75 19 11 None required 0 30,004 TREE-20-011 2451 78TH AVE NE 6.75 7 4 4 4 2.75 3 3 0.25 2 8,119 TREE-20-012 619 84TH AVE NE 21.5 23 2.75 3 18.75 20 8 None required 0 21,625 TREE-20-013 7815 NE 28TH ST 11.5 14 8.5 9 3 5 5 3 None required 0 8,120 TREE-20-014 1645 73RD AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 5 13,300 TREE-20-019 7619 NE 22ND ST 17.25 18 9.5 10 7.75 8 6 None required 0 16,303 TREE-20-042 2036 EVERGREEN POINT RD 17 18 5 5 5 12 13 6 None required 0 14,850 TREE-20-049 707 OVERLAKE DR E 36.75 39 21.5 23 15.25 16 7 None required 0 19,753 TREE-20-055 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 0 14.75 17 9 None required 0 24,127 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 0 14.75 17 9 None required 0 24,127 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 1 5 5 4 4 12,768 TREE-20-082 1686 77TH AVE NE 2 2 2 2 2 2 0 0 0 3 3 3 3 3 8,120 TREE-20-085 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-21-010 2226 79TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 12 14 3 None required 0 3.473 TREE-21-017 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 8,120 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 12 14 3 None required 0 8,473 TREE-21-013 8604 NE GH ST TH ST 12.75 15 0.75 1 12 12 14 3 None required 0 8,473 TREE-21-013 8604 NE GH ST TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.55 2 10,239 TREE-21-013 8604 NE GH ST TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.55 2 10,239 TREE-21-033 8604 NE	TREE-20-008	2626 78TH AVE NE	10	10	7	7	3	3	3	None required	0	8,120
TREE-20-012 619 84TH AVE NE 6.75 7 4 4 4 2.75 3 3 0.25 2 8,119 TREE-20-012 619 84TH AVE NE 21.5 23 2.75 3 18.75 20 8 None required 0 21,625 TREE-20-013 7815 NE 28TH ST 11.5 14 8.5 9 3 5 3 None required 0 8,120 TREE-20-014 1645 73RD AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 5 13,300 TREE-20-019 7619 NE 22ND ST 17.25 18 9.5 10 7.75 8 6 None required 0 16,303 TREE-20-042 2036 EVERGREEN POINT RD 17 18 5 5 12 13 6 None required 0 14,850 TREE-20-049 707 OVERLAKE DR E 36.75 39 21.5 23 15.25 16 7 None required 0 19,753 TREE-20-050 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-060 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 5 4 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 3 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-082 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-082 2604 79TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-21-001 2226 79TH AVE NE 10 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-002 2266 79TH AVE NE 10 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-010 2266 79TH AVE NE 10 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-010 226 79TH AVE NE 10 10 10 4.25 4 5.75 6 9 4.25 9 24,756 TREE-21-014 550 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 23,0103 TREE-21-015 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 8,473 TREE-21-015 7777 OVERLAKE DR W 17.75 13 7 7 4.75 6 9 4.25 9 24,756 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-017 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.55 2 10,239 TREE-21-013 3112 76TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.55 2 10,239 TREE-21-033 1312 76TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.55 2 10,239	TREE-20-009	2632 78TH AVE NE	7	7	2	2	5	5	3	None required	0	8,120
TREE-20-012 619 84TH AVE NE 21.5 23 2.75 3 18.75 20 8 None required 0 21,625 TREE-20-013 7815 NE 28TH ST 11.5 14 8.5 9 3 5 3 None required 0 8,120 TREE-20-014 1645 73RD AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 5 13,300 TREE-20-019 7619 NE 22ND ST 17.25 18 9.5 10 7.75 8 6 None required 0 16,303 TREE-20-042 2036 EVERGREEN POINT RD 17 18 5 5 12 13 6 None required 0 14,850 TREE-20-049 707 OVERLAKE DR E 36.75 39 21.5 23 15.25 16 7 None required 0 19,753 TREE-20-050 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-060 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 14.75 17 9 None required 0 24,127 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 1 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 0 3 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-082 1686 77TH AVE NE 10 0 0 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-015 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 230,103 TREE-21-017 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0	TREE-20-010	1407 76TH AVE NE	23.25	25	5.5	6	17.75	19	11	None required	0	30,004
TREE-20-013 7815 NE 28TH ST 11.5 14 8.5 9 3 5 3 None required 0 8,120 TREE-20-014 1645 73RD AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 5 13,300 TREE-20-014 1645 73RD AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 5 13,300 TREE-20-042 2036 EVERGREEN POINT RD 17 18 9.5 10 7.75 8 6 None required 0 16,303 TREE-20-042 2036 EVERGREEN POINT RD 17 18 9.5 12 13 6 None required 0 14,850 TREE-20-049 707 OVERLAKE DR E 36.75 39 21.5 23 15.25 16 7 None required 0 19,753 TREE-20-055 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-060 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 1 5 5 4 4 12,768 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 1 5 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 0 3 3 3 3 3 1,002 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-082 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-21-001 2226 79TH AVE NE 10 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-003 2604 79TH AVE NE 5.75 6 3.75 4 2 2 2 4 2 2 4 2 6 6 10,734 TREE-21-003 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-001 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-002 240 78TH AVE NE 1.75 12 12.75 15 0.75 1 12 14 3 None required 0 84,473 TREE-21-002 8404 NE 6TH ST 12.75 15 0.75 1 12 14 3 None required 0 84,473 TREE-21-003 8404 NE 6TH ST 12.75 15 0.75 1 12 14 3 None required 0 84,473 TREE-21-003 8404 NE 6TH ST 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-003 8404 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-003 1312 76TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.5 2 10,239 TREE-21-003 1312 76TH AVE NE 1.75 2 1.75 2 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TREE-20-011	2451 78TH AVE NE	6.75	7	4	4	2.75	3	3	0.25	2	8,119
TREE-20-014 1645 73RD AVE NE 5.25 6 5.25 6 0 0 0 5 5 5 13,300 TREE-20-019 7619 NE 22ND ST 17.25 18 9.5 10 7.75 8 6 None required 0 16,303 TREE-20-042 2036 EVERGREEN POINT RD 17 18 5 5 12 13 6 None required 0 14,850 TREE-20-045 707 OVERLAKE DR 36.75 39 21.5 23 15.25 16 7 None required 0 19,753 TREE-20-055 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-050 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 14.75 17 9 None required 0 24,127 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 1 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 0 3 3 3 3 8,120 TREE-20-085 1666 77TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 0 0 0 0 0 0 0 0 0 3 3 3 3 8,120 TREE-20-080 2604 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-017 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 None required 0 230,103 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-032 1312 76TH AVE NE 1.75 2 1.7	TREE-20-012	619 84TH AVE NE	21.5	23	2.75	3	18.75	20	8	None required	0	21,625
TREE-20-019 7619 NE 22ND ST 17.25 18 9.5 10 7.75 8 6 None required 0 16,303 TREE-20-042 2036 EVERGREEN POINT RD 17 18 5 5 12 13 6 None required 0 14,850 TREE-20-049 707 OVERLAKE DR E 36.75 39 21.5 23 15.25 16 7 None required 0 19,753 TREE-20-055 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-050 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 0 14.75 17 9 None required 0 29,250 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 1 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 2 0 0 0 3 3 3 3 8,120 TREE-20-081 2627 78TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-082 1686 77TH AVE NE 0 0 0 0 0 0 0 0 0 0 3 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 10 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-001 2226 79TH AVE NE 10 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-003 2604 79TH AVE NE 10 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0.0 0 3 3 3 4 8.119 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0.0 0 3 3 3 4 8.119 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0.0 0 3 3 3 4 8.119 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0.0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0.0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0.0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 0 3 3 3 4 1.5 2 10,239 TREE-21-027 2450 78TH AVE NE 6 6 6 6 1 1 1 1 2.5 3 3 4 1.5 2 1.	TREE-20-013	7815 NE 28TH ST	11.5	14	8.5	9	3	5	3	None required	0	8,120
TREE-20-042 2036 EVERGREEN POINT RD 17 18 5 5 12 13 6 None required 0 14,850 TREE-20-049 707 OVERLAKE DR E 36.75 39 21.5 23 15.25 16 7 None required 0 19,753 TREE-20-055 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-060 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 14.75 17 9 None required 0 24,127 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 1 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 0 0 3 3 3 8.120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-20-082 2627 78TH AVE NE 0 0 0 0 0 0 0 0 3 3 3 3 8,120 TREE-21-001 2226 79TH AVE NE 10 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-002 2604 79TH AVE NE 5.75 6 3.75 4 2 2 2 4 2 2 4 2 6 10,734 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR W 11.75 12 17.75 12 0.75 1 12 14 3 None required 0 230,103 TREE-21-017 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 230,103 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 1.75 1 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-033 1312 76TH AVE NE 1.75 2 10,239 TREE-21-033 1312 76TH AVE NE 6 6 6 1 1 1 5 5 5 6 6 1 1 2 16,200	TREE-20-014	1645 73RD AVE NE	5.25	6	5.25	6	0	0	5	5	5	13,300
TREE-20-049 707 OVERLAKE DR E 36.75 39 21.5 23 15.25 16 7 None required 0 19,753 TREE-20-055 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-060 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 14.75 17 9 None required 0 24,127 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 5 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 0 3 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-20-083 2627 78TH AVE NE 0 0 0 0 0 0 0 0 3 3 3 3 3 8,120 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-002 2604 79TH AVE NE 5.75 6 3.75 4 2 2 2 4 2 2 6 10,734 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 230,103 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 None required 0 8,473 TREE-21-028 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-03 1312 76TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-03 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-03 1312 76TH AVE NE 1.75 2 1.75 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 6 1 1 1 5 5 5 6 6 1 1 2 16,200	TREE-20-019	7619 NE 22ND ST	17.25	18	9.5	10	7.75	8	6	None required	0	16,303
TREE-20-055 8024 NE 8TH ST 60.25 69 41.75 47 18.5 22 8 None required 0 22,879 TREE-20-060 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 14.75 17 9 None required 0 24,127 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 5 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 0 0 0 3 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-20-083 2627 78TH AVE NE 0 0 0 0 0 0 0 0 3 3 3 3 3 8,120 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-002 2604 79TH AVE NE 5.75 6 3.75 4 2 2 2 4 2 2 6 10,734 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-016 7611 NE 12TH ST 12.75 13 7 7 4.75 6 9 4.25 9 24,756 TREE-21-017 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 0 None required 0 8,473 TREE-21-028 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-03 1312 76TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-03 1312 76TH AVE NE 1.75 2 10,239 TREE-21-05 1312 76TH AVE NE 1.75 2 10,239	TREE-20-042	2036 EVERGREEN POINT RD	17	18	5	5	12	13	6	None required	0	14,850
TREE-20-060 1800 77TH AVE NE 26 27 10.75 11 15.25 16 11 None required 0 29,250 TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 14.75 17 9 None required 0 24,127 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 5 5 4 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 3 3 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 0 0 0 0 0 0 0 3 3 3 3 3 8,120 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-002 2604 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR E 11.75 13 7 7 4.75 6 9 4.25 9 4.25 9 24,756 TREE-21-015 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-033 1312 76TH AVE NE 1.75 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-033 1312 76TH AVE NE 1.75 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 6 1 1 1 5 5 5 6 1 1 2 16,200	TREE-20-049	707 OVERLAKE DR E	36.75	39	21.5	23	15.25	16	7	None required	0	19,753
TREE-20-075 7811 NE 10TH ST 14.75 17 0 0 0 14.75 17 9 None required 0 24,127 TREE-20-080 8425 RIDGE RD 3.5 4 2.5 3 1 1 1 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 0 3 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 0 0 0 0 0 0 0 0 3 3 3 3 3 8,120 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-002 2604 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 6 10,734 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR W 11.75 13 7 7 4.75 6 9 4.25 9 24,755 TREE-21-015 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 1.75 2 0 0 0 3 3 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 6 1 1 1 5 5 5 6 1 1 2 16,200	TREE-20-055	8024 NE 8TH ST	60.25	69	41.75	47	18.5	22	8	None required	0	22,879
TREE-20-080 825 RIDGE RD 3.5 4 2.5 3 1 1 5 5 4 4 12,768 TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 0 3 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 0 0 0 0 0 0 0 0 3 3 3 3 3 8,120 TREE-21-010 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-008 2604 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 6 10,734 TREE-21-010 2004 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 6 10,734 TREE-21-014 550 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-015 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 6 1 1 1 5 5 5 6 11 2 16,200	TREE-20-060	1800 77TH AVE NE	26	27	10.75	11	15.25	16	11	None required	0	29,250
TREE-20-081 2621 78TH AVE NE 2 2 2 2 2 0 0 3 3 3 8,120 TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 0 0 0 0 0 3 3 3 8,120 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-008 2604 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 6 10,734 TREE-21-008 2604 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 2 6 10,734 TREE-21-018 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 24,756	TREE-20-075	7811 NE 10TH ST	14.75	17	0	0	14.75	17	9	None required	0	24,127
TREE-20-082 1686 77TH AVE NE 15.25 15 8 8 7.25 7 11 3.75 8 31,082 TREE-20-085 2627 78TH AVE NE 0 0 0 0 0 0 0 0 3 3 3 3 8,120 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-008 2604 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 6 10,734 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR E 11.75 13 7 7 4.75 6 9 4.25 9 24,756 TREE-21-015 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 0 3 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 6 1 1 1 5 5 5 6 1 1 2 16,200	TREE-20-080	8425 RIDGE RD	3.5	4	2.5	3	1	1	5	4	4	12,768
TREE-20-085 2627 78TH AVE NE 0 0 0 0 0 0 3 3 3 8,120 TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-008 2604 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 6 10,734 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-016 550 OVERLAKE DR E 11.75 13 7 7 4.75 6 9 4.25 9 24,756 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 3 3 4 8,119 TRE	TREE-20-081	2621 78TH AVE NE	2	2	2	2	0	0	3	3	3	8,120
TREE-21-001 2226 79TH AVE NE 10 10 4.25 4 5.75 6 9 3.25 8 23,144 TREE-21-008 2604 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 6 10,734 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR E 11.75 13 7 7 4.75 6 9 4.25 9 24,756 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 2.5 3 4 1.5 2 10,239 <t< td=""><td>TREE-20-082</td><td>1686 77TH AVE NE</td><td>15.25</td><td>15</td><td>8</td><td>8</td><td>7.25</td><td>7</td><td>11</td><td>3.75</td><td>8</td><td>31,082</td></t<>	TREE-20-082	1686 77TH AVE NE	15.25	15	8	8	7.25	7	11	3.75	8	31,082
TREE-21-008 2604 79TH AVE NE 5.75 6 3.75 4 2 2 4 2 6 10,734 TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR E 11.75 13 7 7 4.75 6 9 4.25 9 24,756 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 1 1 5 5 6 1 2 16,200	TREE-20-085	2627 78TH AVE NE	0	0	0	0	0	0	3	3	3	8,120
TREE-21-013 7777 OVERLAKE DR W 87.25 90 0.75 1 86.5 89 81 None required 0 230,103 TREE-21-014 550 OVERLAKE DR E 11.75 13 7 7 4.75 6 9 4.25 9 24,756 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 1 1 5 5 6 1 2 16,200	TREE-21-001	2226 79TH AVE NE	10	10	4.25	4	5.75	6	9	3.25	8	23,144
TREE-21-014 550 OVERLAKE DR E 11.75 13 7 7 4.75 6 9 4.25 9 24,756 TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 1 1 5 5 6 1 2 16,200	TREE-21-008	2604 79TH AVE NE	5.75	6	3.75	4	2	2	4	2	6	10,734
TREE-21-016 7611 NE 12TH ST 12.75 15 0.75 1 12 14 3 None required 0 8,473 TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 1 1 5 5 6 1 2 16,200	TREE-21-013	7777 OVERLAKE DR W	87.25	90	0.75	1	86.5	89	81	None required	0	230,103
TREE-21-027 2450 78TH AVE NE 1.75 2 1.75 2 0 0 3 3 4 8,119 TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 1 1 5 5 6 1 2 16,200	TREE-21-014	550 OVERLAKE DR E	11.75	13	7	7	4.75	6	9	4.25	9	24,756
TREE-21-032 8604 NE 6TH ST 3.5 4 1 1 2.5 3 4 1.5 2 10,239 TREE-21-053 1312 76TH AVE NE 6 6 1 1 5 5 6 1 2 16,200	TREE-21-016	7611 NE 12TH ST	12.75	15	0.75	1	12	14	3	None required	0	8,473
TREE-21-053 1312 76TH AVE NE 6 6 1 1 5 5 6 1 2 16,200	TREE-21-027	2450 78TH AVE NE	1.75	2	1.75	2	0	0	3	3	4	8,119
, , , ,	TREE-21-032	8604 NE 6TH ST	3.5	4	1	1	2.5	3	4	1.5	2	10,239
Total: 2146 2290 785 839 1361 1451 1025.75 116 209	TREE-21-053	1312 76TH AVE NE	6	6	1	1	5	5	6	1	2	16,200
	Total:		2146	2290	785	839	1361	1451	1025.75	116	209	

Lists of Suitable Trees

<u>Purpose</u>: The suitable tree species listed under each section are for the purpose of establishing significant trees under the Medina Tree Code (Chapter 20.52 Medina Municipal Code). This list includes trees species eligible towards planting requirements.*

LIST 1: SIGNIFICANT TREE SPECIES ON PRIVATE PROPERTY**

The following trees are designated as significant tree species pursuant to MMC 20.52.050. List 1 is used in conjunction with the definition of "significant tree" set forth in MMC 20.12.200 to denote the application of the term "significant tree" in the Medina Tree Code (Chapter 20.52 MMC). Please note that not all trees in this list are eligible for credit as supplemental or restoration trees. See List 4 for tree species eligible for supplemental tree or restoration tree credit.

A. EVERGREENS (CONIFERS):

- 1. All, except the following:
 - a. Leyland Cypress Cupressocyparis leylandii
 - b. Arborvitae Thuja occidentalis
 - c. Italian Cypress Cupressus sempervirens
 - d. Blue Surprise Port Orford Cedar Chamaecyparis lawsoniana 'Blue Surprise'
 - e. Wissel's Saguaro False Cypress Chamaecyparis lawsoniana 'Wissels Saguaro'
 - f. Other species not listed that typically have a crown diameter of less than 10 feet at maturity
 - g. Trees planted, clipped or sheared into use as a hedge regardless of species

B. DECIDUOUS

- 1. All that coincide with United States Department of Agriculture hardiness zones 8b and 9a, except the following:
 - a. Swedish Aspen Populus tremula "Erecta"
 - b. Skyward Bald Cypress Taxodium districhum 'Skyward'
 - c. Other species not listed that typically have a crown diameter of less than 10 feet at maturity
 - d. Trees planted, clipped or sheared into use as a hedge regardless of species

Note: The USDA Plant Hardiness Zones helps determine which plants are most likely to thrive at a location. The zones are based on the average annual minimum winter temperature, divided into 10-degree F zones.

^{*} The list of native trees are those that are naturally occurring and propagating in the Puget Sound lowlands in the last 100 years and coincide with the USDA hardiness zone 8b.

^{**} Private property includes state highway right-of-way.

LIST 2: SIGNIFICANT TREE SPECIES ON CITY RIGHTS-OF-WAY

This list shall apply only where a tree is removed from city rights-of-way. It is used to distinguish significant and non-significant trees. Tree species eligible for replacement credit in the city right-of-way are set forth in List 6 and 7.

A. EVERGREENS (CONIFERS) - NATIVE:

- 1. Lawson Cypress Chamaecyparis lawsoniana
- 2. Alaska Yellow Cedar Chamaecyparis nootkatensis
- 3. Western Red Cedar Thuja plicata
- 4. Douglas Fir Pseudotsuga menziesii
- 5. Engelmann Spruce Picea engelmannii
- 6. Grand Fir Abies grandis
- 7. Pacific Silver Fir Abies amabilis
- 8. Rocky Mountain Juniper Juniperous scopulorum
- 9. Mountain Hemlock Tsuga mertansiana
- 10. Western Hemlock Tsuga heterophylla
- 11. Shore Pine Pinus contorta var. contorta
- 12. Sitka Spruce Picea sitchensis
- 13. Western White Pine Pinus monticola

B. EVERGREENS (CONIFERS) - NON-NATIVE:

1. None

C. DECIDUOUS - NATIVE:

- 1. Pacific or Western Flowering Dogwood -- Cornus nuttallii
- 2. Vine Maple -- Acer circinatum
- 3. Red Alder -- Alnus rubra
- 4. Western Hazelnut -- Corylus cornuta
- 5. Oregon Ash -- Fraxinus latifolia
- 6. Narrow-leaved Cherry Prunus emarginata var. mollis
- 7. Western Serviceberry Amelanchier alnifolia
- 8. Black Hawthorn Crataegus douglasii
- 9. Cascara Rhamnus purshiana
- 10. Oregon White Oak Quercus garryana
- 11. Pacific Crabapple Malus fusca
- 12. Pacific Willow Salix lasiandra

D. DECIDUOUS - NON-NATIVE:

1. None

LIST 3: LEGACY TREE SPECIES LIST

The following trees are Legacy Tree species that if the criteria in MMC 20.52.120 are present are subject to the replacement requirements for a Legacy Tree.

A. EVERGREENS (CONIFERS):

- 1. Lawson Cypress Chamaecyparis lawsoniana
- 2. Alaska Yellow Cedar Chamaecyparis nootkatensis
- 3. Western Red Cedar Thuja plicata
- 4. Douglas Fir Pseudotsuga menziesii
- 5. Grand Fir Abies grandis
- 6. Mountain Hemlock Tsuga mertansiana
- 7. Western Hemlock Tsuga heterophylla
- 8. Pacific Madrone Arbutus menziesii
- 9. Shore Pine Pinus contorta var. contorta
- 10. Western White Pine Pinus monticola
- 11. Sitka Spruce Picea sitchensis

B. DECIDUOUS:

1. None

LIST 4: TREE SPECIES ELIGIBLE FOR CREDIT ON PRIVATE PROPERTY

This list establishes eligibility requirements for receiving supplemental tree unit or restoration credits under MMC 20.52.130 and MMC 20.52.150 respectively. This list is used for determining existing trees that may be included as credit; and new tree plantings on private property that are eligible for credit. The list of native species in Sub-list 4A and 4C apply to determining tree retention requirements in MMC 20.52.110.

A. EVERGREENS (CONIFEROUS) - NATIVE:

- 1. Lawson Cypress Chamaecyparis lawsoniana
- 2. Alaska Yellow Cedar Chamaecyparis nootkatensis
- 3. Western Red Cedar Thuja plicata
- 4. Douglas Fir Pseudotsuga menziesii
- 5. Engelmann Spruce Picea engelmannii
- 6. Grand Fir Abies grandis
- 7. Pacific Silver Fir Abies amabilis
- 8. Rocky Mountain Juniper Juniperous scopulorum
- 9. Mountain Hemlock Tsuga mertansiana
- 10. Western Hemlock Tsuga heterophylla
- 11. Shore Pine Pinus contorta var. contorta
- 12. Sitka Spruce Picea sitchensis
- 13. Western White Pine Pinus monticola

Ordinance 923

B. EVERGREENS (CONIFEROUS) - NON-NATIVE:

- 1. Korean Fir Abies koreana
- 2. Spanish Fir Abies pinsapo
- 3. White Fir Abies concolor
- 4. Incense Cedar Calocedrus decurrens
- 5. Deodar Cedar Cedrus deodara
- 6. Atlas Cedar Cedrus atlantica
- 7. Cedar of Lebanon Cedrus libani
- 8. Moss Cypress Chamaecyparis pisifera
- 9. Dwarf Hinoki Cypress Chamaecyparis obtusa
- 10. Smooth-barked Arizona Cypress Cupressus glabra
- 11. Dawn Redwood Metasequoia glyptostroboides
- 12. Swiss Stone Pine Pinus cembra
- 13. Austrian Black Pine Pinus nigra
- 14. Japanese Black Pine Pinus thunbergii
- 15. Japanese Red Pine Pinus densiflora
- 16. Japanese Cryptomeria Cryptomeria japonica
- 17. Serbian Spruce Picea omorika
- 18. Umbrella Pine Sciadopitys verticillata
- 19. Bald Cypress Taxodium distichum
- 20. Hiba Cedar Thujopsis dolobrata
- 21. Canadian Hemlock Tsuga candadensis

C. DECIDUOUS - NATIVE:

- Pacific or Western Flowering Dogwood -- Cornus nuttallii
- 2. Vine Maple -- Acer circinatum
- 3. Red Alder -- Alnus rubra
- 4. Western Hazelnut -- Corylus cornuta
- 5. Oregon Ash -- Fraxinus latifolia
- 6. Narrow-leaved Cherry Prunus emarginata var. mollis
- 7. Western Serviceberry Amelanchier alnifolia
- 8. Black Hawthorn Crataegus douglasii
- 9. Cascara Rhamnus purshiana
- 10. Oregon White Oak Quercus garryana
- 11. Pacific Crabapple Malus fusca
- 12. Pacific Willow Salix lasiandra

D. DECIDUOUS - NON-NATIVE:

1. None

List of Suitable Trees



LIST 5: REPLACEMENT TREE SPECIES FOR CREDIT ON CITY RIGHTS-OF-WAY

The following trees are designated as eligible for receiving replacement credit on the city right-of-way. Trees planted in the rights-of-way shall ensure that sight-distance requirements are maintained and utilities will not become encumbered. If overhead power distribution or transmission lines are within 20 horizontal feet of the planting location, the replacement tree species shall be selected from List 6.

A. EVERGREENS (CONIFERS) - NATIVE:

- Lawson Cypress Chamaecyparis lawsoniana
- 2. Alaska Yellow Cedar Chamaecyparis nootkatensis
- 3. Western Red Cedar Thuja plicata
- 4. Douglas Fir Pseudotsuga menziesii
- 5. Engelmann Spruce Picea engelmannii
- 6. Grand Fir Abies grandis
- 7. Pacific Silver Fir Abies amabilis
- 8. Rocky Mountain Juniper Juniperous scopulorum
- 9. Mountain Hemlock Tsuga mertansiana
- 10. Western Hemlock Tsuga heterophylla
- 11. Shore Pine Pinus contorta var. contorta
- 12. Sitka Spruce Picea sitchensis
- 13. Western White Pine Pinus monticola

B. EVERGREENS (CONIFERS) - NON-NATIVE:

- Korean Fir Abies koreana
- 2. Spanish Fir Abies pinsapo
- 3. White Fir Abies concolor
- 4. Incense Cedar Calocedrus decurrens
- 5. Deodar Cedar Cedrus deodara
- 6. Atlas Cedar Cedrus atlantica
- 7. Cedar of Lebanon Cedrus libani
- 8. Moss Cypress Chamaecyparis pisifera
- 9. Dwarf Hinoki Cypress Chamaecyparis obtusa
- 10. Smooth-barked Arizona Cypress Cupressus glabra
- 11. Dawn Redwood Metasequoia glyptostroboides
- 12. Swiss Stone Pine Pinus cembra
- 13. Austrian Black Pine Pinus nigra
- 14. Japanese Black Pine Pinus thunbergii
- 15. Japanese Red Pine Pinus densiflora
- 16. Japanese Cryptomeria Cryptomeria japonica
- 17. Serbian Spruce Picea omorika
- 18. Umbrella Pine Sciadopitys verticillata
- 19. Bald Cypress Taxodium distichum
- 20. Hiba Cedar Thujopsis dolobrata
- 21. Canadian Hemlock Tsuga candadensis

C. DECIDUOUS - NATIVE:

- Pacific or Western Flowering Dogwood -- Cornus nuttallii
- 2. Vine Maple -- Acer circinatum
- 3. Red Alder -- Alnus rubra
- 4. Western Hazelnut -- Corylus cornuta
- 5. Oregon Ash -- Fraxinus latifolia
- 6. Narrow-leaved Cherry Prunus emarginata var. mollis
- 7. Western Serviceberry Amelanchier alnifolia
- 8. Black Hawthorn Crataegus douglasii
- 9. Cascara Rhamnus purshiana
- 10. Oregon White Oak Quercus garryana
- 11. Pacific Crabapple Malus fusca
- 12. Pacific Willow Salix lasiandra

D. DECIDUOUS - NON-NATIVE:

1. None

LIST 6: TREE SPECIES FOR CREDIT IN RESTRICTED CITY RIGHT-OF-WAY

The tree species in List 7 shall be used for replacement credit in those locations identified as "Restricted R.O.W" in the Medina Landscape Plan set forth in Figure 3 of the Community Design Element of the Medina Comprehensive Plan. The city may accept other tree species not on the list for replacement credit provided the tree is an appropriate species to be planted where overhead utility lines or view corridors necessitate lower tree heights.

LIST 7: LOW-GROWING TREE SPECIES SUITABLE NEAR POWER LINES

The tree species in this list may be used for replacement credit when replacement trees are planted under or within 20 horizontal feet of overhead power distribution and transmission lines. The city may accept non-native tree species in this list and other non-native tree species not on the list for replacement credit provided the tree is an appropriate species to be planted near power lines.

A. EVERGREENS:

- 1. Mugo Pine Pinus mugo
- 2. Tanyosho Pine Pinus densiflora 'Umbraculifera'
- 3. Dwarf Hinoki Cypress Chamaecyparis obtusa 'Nana gracilis'
- 4. Chinese Juniper Juniperus chinensis
- 5. Swiss Stone Pine Pinus cembra
- 6. Japanese Umbrella Pine Sciadopitys verticillata
- 7. Bristlecone Pine Pinus aristata
- 8. Dwarf Japanese Red Pine Pinus densiflora sp

B. DECIDUOUS:

Page 7 of 7

- 1. Vine Maple Acer circinatum
- 2. Amur Maple Acer ginnala
- 3. Rocky Mountain Maple Acer grandidentatum
- 4. Paperbark Maple Acer griseum
- 5. Japanese Maple Acer palmatum
- 6. Pacific Serviceberry Amelanchier alnifolia
- 7. Western Serviceberry Amelanchier grandiflora
- 8. Japanese Hornbeam Carpinus japonica
- 9. Eastern Redbud Cercis canadensis
- 10. Corneliancherry Dogwood Cornus mas
- 11. Japanese Dogwood Cornus officinalis
- 12. European Filbert Corylus avellana
- 13. Smoketree Cotinus sp.
- 14. Hawthorn Crataegus sp.
- 15. Goldenrain Tree Koelreuteria paniculata
- 16. Galaxy Magnolia Magnolia 'Galaxy'
- 17. Star Magnolia Magnolia stellata
- 18. Lily Magnolia Magnolia liliiflora
- 19. Victoria Southern Magnolia Magnolia grandiflora 'Victoria'
- 20. Carmine Crabapple -- Malus x atrosanguinea
- 21. Sargent Crabapple Malus sargentii
- 22. Pink Perfection Crabapple Malus 'Pink Perfection'
- 23. Radiant Crabapple Malus 'Radiant'
- 24. Strathmore Crabapple Malus 'Strathmore'
- 25. Persian Parrotia Parrotia persica
- 26. Flowering Cherry/Plum Prunus sp.
- 27. Amur Chokecherry Prunus maackii
- 28. Mt. Fuji Flowering Cherry Prunus serrulata 'Shirotae'
- 29. Staghorn Sumac Rhus typhina
- 30. Red Cascade Mountain Ash Sorbus americana 'Dwarfcrown'
- 31. Japanese Stewartia Stewartia pseuocamellia
- 32. Japanese Snowbell Styrax japonicus
- 33. Japanese Tree Lilac Syringa reticulata

SOURCE FOR IDENTIFYING NATIVE SPECIES:

- Kruckerberg, Arthur R. Gardening with Native Plants of the Pacific Northwest an illustrated guide.
 Seattle: University of Washington Press, 1982. Print.
- Arno, Stephen F. and Hammerly, Ramona P. *Northwest Trees identifying and understanding the regions native trees*. Seattle: The Mountaineers, 1977. Print.
- Hitchcock, C. Leo and Cronquist, Arthur. Flora of the Pacific Northwest an illustrated manual. Seattle: University of Washington Press, 1973. Print.
- Breen, Patrick. Oregon State University Department of Horticulture Landscape Plants Images, identification and information (http://oregonstate.edu/dept/ldplants/, September 12, 2013). Corvallis, OR 97331-4501. USA.
- USDA, NRCS. 2013. *The PLANTS Database* (http://plants.usda.gov, 19 September 2013). National Plant Data Team, Greensboro, NC 27401-4901 USA.
- USDA Plant Hardiness Zone Map, 2012. Agricultural Research Service, U.S. Department of Agriculture. Accessed from http://planthardiness.ars.usda.gov.

DEVELOPMENT SERVICES

Administrative Attachmental Administrative **Tree Activity Permit**

T-01

WASHINGTON
501 EVERGREEN POINT ROAD MEDINA, WA 98039 PHONE: 425-233-6414/6400

Complete this form for the following:	
•	1 /34340 00 50 400)
 The property is designated as under development regardless of whether a tree is r 	emoved (MMC 20.52.100)
 Removal of any significant tree on private property having a 6-inch DBH and larger 	cize but loss than 50 inches DRH
 Removal of any non-significant tree on private property within 200 feet of the shore 	line having a 6-inch DBH and larger size
	gg
 Removal of a hazard tree from a city right-of-way 	
New Application Staff	Permit No.
Supplemental Only Bate Necested. 4,15,767 By.	1 10 11 2
Property Information	Tru-19-063
Property Address:	Check if two is located:
2019 79th Ave NE Meding, WA 98039	Within 200 feet of shoreline
The thing with the	
Tax Parcel No. 24 Join 00 20	Within a critical area (Ch. 20.50/ 20.67 MMC)
401000	
Logal Property Owner Inform	



DEVELOPMENT SERVICES

Tree Performance Worksheet

T-01a

501 EVERGREEN POINT ROAD MEDINA, WA 98039 PHONE: 425-233-6414/6400

	Instructions: Complete and attach this form to T-01 for the following: The property is designated as under development pursuant to MMC 20.52.100 The applicant is using the tree performance standards in MMC 20.52.130 Revision						
STEP	1: Inventory existing tree units	Conduct an inventory of all sig	ınificant tr	ees within the	boundaries	of the lot.	
No.	Tree	DBH	No.		Tre	e	DBH
1 2 3 4 5 6	see plan, page 3 of a	oproved application po	df				
STEP 2	2: Calculate Existing Tree Units	From Table 20.52.130(C): ac multiply by the corresponding				s.	
Α.	Total number of trees at leas inches DBH	t 6 inches, but less than 10	2	X 0.75 =	1.5	D. TOTAL EXISTIN	
В.	Total number of trees 10 inches	DBH and larger	41	X 1.00 =	41	42.5	
C.	Total number of conifer trees 50) inches DBH and larger	0	X 1.25 =	0	- 4	
STEP 3	STEP 3: Inventory removed trees List the significant trees that are proposed for removal. This information will be used in Step 4 and 7 (if applicable).						
No.	Tree	DBH	No.		Tre	e in the same	DBH
SEE STEP 4	plan, page 3 of approvents	To calculate Net Existing Tree					
SIEF	Tree Units	that are proposed for removal	and multi		- 10110		and I.
E.	Total number of trees removed but less than 10 inches DBH	at least 6 inches,	X 0.75 =	1		TOTAL TREE UNITS TO BE REMOVED	32.75
F.	Total number of trees removed and larger	d 10 inches DBH 32	X 1.00 =	32		(E + F + G)	
G.	Total number of conifer trees and larger	0	X 1.25 =			Vet Existing Tree Units	9.75
STEP 5	Tree Units	To calculate Required Tree U in J through M.				(subtract H from D)	
	Lot Area (sq. ft.)	Divide J by 1,000 Tree		Ratio (check o	ne) M	. REQUIRED TREE	(round up)
J.	23087 K	23 4		ble 20.52.130	.В (UNITS Multiply K × L)	9
STEP (Determine if 6: Supplemental Trees are required	Subtract the Tree Units in M fi If the difference is zero or required. If the difference is a negative content of the differen	a positive	number - stop			N. 0.75
See Pa	age 2 for Step 7 and for additiona	l inventory tables					

AGENDA ITEM 2.1 Attachment E **Approved Medina Tree** SEC 25, TWP 25N, RGE 4E **Activity Permit Plan** 1 inch = 10 ft.05/07/2020 11:43:29 AM Existing root zone restrictions EXST CATCH BASINS 21% root zone I.E.=101.43' (8"PVC N.W.) (1) DRY STORM MANHOLE restrictions RIM = 103.03'
I.E. = 98.71' (8" CONC. N.)
I.E. = 98.41' (8" CONC. NO. TO FAP GATE)
I.E. = 98.38' (6" CONC. SO.)
NEED TO VERIFY IF USED impacts Tom Early I.E.=101.13' (6"FLAP SO.) TO S.Ş. M.H. Medina Tree Consultant I.E.=101.53' (6"PN 2 STORM M. H. SS MANHOLL RIM = 103.01'
I.E. = 99.16' (5"PVC W.)
I.E. = 99.01' (5"PVC N.E.)
I.E. = 98.91' (12"FLAP SO.) RIM = 103.97Tree #7 **18:3**°06'38**/** (3) CATCH BASIN RIM = 102.32' I.E. = 101.47' (5"PVC W.) `.I.E. =99.72' (8" CONC. N.) W SVC TO EXST WM-(4) CATCH BASIN RIM = 102.30' I.E. = 101.50' (5"PVC E.) TREE PROTECTION - FENCING, TYP. (5) CATCH BASIN RIM = 103.95' I.E. = 102.95' (6"PVC W.) (6) CATCH BASIN RIM = 103.59' I.E. = 102.79' (6"PVC E.) AREA DRAIN TE=102.89 **SPECIAL NOTES:** IE=102.22-102.89 6'HI, MAX 1. ALL STORM DRAIN PIPING (SD) SHALL BE SMOOTH WALL CONN BLDG SEWER MEETING CITY AND BUILDING CODE STANDARDS. ROOF DRAINS SHALL MEET MATERIAL STANDARDS FOR SDR35 FOR PVC PIPE AND N-12 FOR SMOOTH-BORE HDPE PIPE. CRAWL SPACE ELEV: 98.83 <u>103.16</u> <u> 103.48</u> INTERNAL ROOF DRAIN.

SEE ARCH PLANS 2. PROVIDE TV INSPECTION OF EXISTING PRIVATE SIDE SEWER ROOF DRAIN
IE=102.16 33LF 4"SD 0 1.0%— BETWEEN THE RESIDENCE AND THE PUBLIC SEWER MAIN. IF THE RESULT OF THE TV INSPECTION IS NOT IN SATISFACTORY CONDITION, AS DETERMINED BY THE CITY OF MEDINA INSPECTOR, THE REPLACEMENT OF THE EXISTING SIDE SEWER IS REQUIRED. -30LF 4"SD @ 2.2% 103.7 3. PROPOSED WATER METER SIZE HAS NOT BEEN APPROVED BY THE CITY FIRE MARSHALL. THE LOCATION AND SIZE OF THE METER AND SERVICE SHALL BE AS SPECIFIED BY THE CB#2(TYPE 1)-SPRINKLER DESIGNER AND COORDINATED WITH AND APPROVED BY THE CITY DEVELOPMENT ENGINEER PRIOR TO YD#4E TE=103.0 (E=101.89(ALL)-IE=101.67(4") PRECONSTRUCTION MEETING. IE = 101.5(6")SS PUMP. SEE DETAIL S-34, SHT 4-UNSTALE DOWNTURNED ELBOW ON OUTLET HOUSE 4. FOOTING DRAIN ROUTING NOT SPECIFIED IN THESE PLANS. CONSTRUCTION SHALL MEET ALL RELEVANT CODES AND STRUCTURAL AND ARCHITECTURAL DETAILS AND FOOTING DRAIN PUMP CHAMBER. FF = 103.83SEE DETAIL, SHT 4 SPECIFICATIONS. DO NOT DIRECTLY CONNECT FOOTING DRAINS 33LF 6"SD @ 1.0% TO STORM DRAIN PIPES. MAKE CONNECTIONS TO DRAINAGE 4" FTG DRAIN 6"x2"RED.\IE=100.56 STRUCTURES AS SPECIFIED ON THIS PLAN. IE=91.19-−6"SSS @ 2%[×] 5. AREA DRAINS SHALL HAVE 4 INCH MINIMUM DIAMETER GRATES. 52LF 6"SD **©** 1.0% BSMT WALL, TYP-_ YD#1W TE=102.86 IE=101,17(ALL) **EARTHWORK QUANTITIES** CONN BLDG SEWER GARAGE LOW SLAB=103.50 HIGH SLAB=103.83 CUT = 3,314 C.Y. FILL = 0 C.Y.INTERNAL ROOF DRAIN.
SEE ARCH PLANS QUANTITIES ARE APPROXIMATE. CONTRACTOR TO PERFORM WORK AS REQUIRED TO BRING SITE TO FINISHED GRADES AS SHOWN. -ROOF OVERFLOW DRAIN INTERNAL ROOF DRAIN. SEE ARCH PLANS 40LF 6"SD / @ 1.0% / CRAWL SPACE ELEV: 98.83 4" ROOF DRAIN IE=102.16 CONN TO EXST SSS. VERIFY
DEPTH AND CONDITION. SEE
STD PLAN, SHT 4 AREA DRAIN TE=102.89 IE=102.05 FROOF DRAIN
IE=102,16— SS MANHOLE <u> 103.16</u> RIM = 103.03CB#1, TYPE 1 103.61 I.E.=95.83'(8" CONC. E.) 1E = 100.05(4")I.E.=95.93'(8" CONC. S.) IE=99.88(ALL 6") 103.16 YD#3E TE=103.40 IE=101.37(ALL) ^{_}36LF 6"SD **©** 1.0% -YD#1E TE=102.86 IE=100.54(ALL) 47LF 6"SD / @ 1.0%-─YD#2E TE=102.86 IE=101.01(ALL) 42LF 6"SD **@** 1.0%— /IE=99.46-SDS Know what's **below. Call** before you dig. SITE DEVELOPMENT SERVICES 3011 RAVEN CREST BELLINGHAM, WA 98226 (425) 481-9687 DAVESDS49@GMAIL.COM NE 21st ST 285.87 88°06'40" E PENTAL RESIDENCE REMOVAL OF THIS TREE REQUIRES A ROW TREE DES: DCD DATE: 9/16/19 ACTIVITY PERMIT; TREE DWN: DCD/JJK SCALE: 1"=10' MUST BE RETAINED DRAINAGE & GRADING PLAN AND PROTECTED OWNER/APPLICANT: RAVINDER PENTAL 2 of 4 2019 79TH AVE NE MERCER ISLAND, WASH. 98040

Attachment F

Detailed Lot Analysis

The following are approved tree activity permits analyzed using the proposed code changes.

Example 1:

707 Overlake Drive (TREE-20-049)

This is one of the permits that Steve Wilcox discussed in his presentation. This is a property on a steep slope critical area and is a heavily wooded site.

Lot size: 19,753 Critical Area: 222 sq. ft. Area under proposal: 19,531

Zoning: R-16

As Approved/Permitted

Total Existing Tree Units: 35.5
Total Tree Units Removed: 20.75
Net Tree Units: 14.75
Required Tree Units (.35): 6.9 = 7
Supplemental Units Required: No

Proposed Amendments

Total Existing Tree Units: 26.25
Total Tree Units Removed: 15.5
Net Tree Units: 10.75
Required Tree Units (.4): 7.9 = 8
Supplemental Units Required: No

Legacy Tree Removed: Yes – Two 36-inch DBH

Legacy Tree Supplemental Inches: $35\% \times 72 = 25.2$ (rounded up to the next whole number) = 26

Landmark Tree Removed: No

Total Supplemental Requirements = 26 inches

Result

Although initially the requirement of supplemental tree units was not required in either case, because this project removed two 36-inch DBH trees, under the proposed code those would be classified as Legacy an would trigger the Legacy tree mitigation is triggered. The size of the lot requires mitigation of 35% of the removed DBH which would be 13-inches (12.6 rounded up to the next whole number) per tree for a total of 26 inches.

The location of both 36-inch trees were such that a different design could have easily saved them. One of them was likely cut down to create a better view and one was removed for a new walkway. As this was a fairly heavily wooded site in a critical area, it is probable that if the owner did not want to change the design, they would have opted for the fee-in-lieu as this property would realistically not support 26 replacement inches.

707 Overlake Drive Tree Credit Analysis

P : 4: T P C 1:4					
Description	Tree	Proposed	Tree Credits	Tree Credits	
	Diameter	Removal	Per Existing	Reduced	
			Code	Proposal	
Madrona	6	X	0.75	0.5	
Douglas Fir	6		0.75	0.5	
Madrona	6		0.75	0.5	
Tree	6	X	0.75	0.5	
Cedar	6	X	0.75	0.5	
Cedar	6	X	0.75	0.5	
Deciduous	8		0.75	0.5	
Tree	8	X	0.75	0.5	
Hemlock	8	X	0.75	0.5	
Cedar	10		0.75	0.5	
Cedar	10		0.75	0.5	
Deciduous	10	X	0.75	0.5	
Cedar	10	X	0.75	0.5	
Cedar	10	X	0.75	0.5	
Cedar	12		1	0.75	
Cedar	12	X	1	0.75	
Douglas Fir	12	X	1	0.75	
Madrona	12	X	1	0.75	
Douglas Fir	14		1	0.75	
Douglas Fir	16	X	1	0.75	
Cedar	18	X	1	0.75	
Douglas Fir	22	X	1	0.75	
Deciduous	22		1	0.75	
Douglas Fir	24		1	0.75	
Hemlock	24		1	0.75	
Douglas Fir	24	X	1	0.75	
Deciduous	26		1	0.75	
Douglas Fir	26	X	1	0.75	
Douglas Fir	28		1	0.75	
Douglas Fir	30	X	1	0.75	
Douglas Fir	30		1	0.75	
Cedar	30		1	0.75	
Douglas Fir	30	X	1	0.75	
Douglas Fir	32		1	0.75	
Douglas Fir	32		1	0.75	
Douglas Fir	32	X	1	0.75	
Douglas Fir	32	X	1	0.75	
Douglas Fir	36	X	1	1	
Douglas Fir	36	X	1	1	

TOTAL		35.5	26.25

Example 2:

7815 NE 28th ST (TREE-20-013)

Lot size: 8,120 sq. ft.

Zoning: R-16

As Approved/Permitted

Total Existing Tree Units: 12
Total Tree Units Removed: 8.25
Net Tree Units: 3.75
Required Tree Units (.35): 2.9 = 3
Supplemental Units Required: No

Proposed Amendments

Total Existing Tree Units: 8.75
Total Tree Units Removed: 6.25
Net Tree Units: 2.5
Required Tree Units (.4): 3.2 = 4

Supplemental Units Required: Yes -1.5 (rounded up to the next whole number) =2

Legacy Tree Removed: Yes - One 44-inch DBH

Legacy Tree Supplemental Inches: $10\% \times 44 = 4.4$ (rounded up to the next whole number) = 5

Landmark Tree Removed: No

Total Supplemental Requirements = 2 units plus 5 inches

Result

Under the proposed amendments, this project would be required to either plant two supplemental trees or preserve trees they were going to remove. The legacy tree mitigation would be 5-inches due to the size of the lot. The removal of the 44-inch DBH Legacy tree was done because of the installation of a new sewer line. It is possible the line could have been rerouted or the tree could have been moved to a different location on site.

7815 NE 28th ST Tree Credit Analysis

Description	Tree Diameter	Proposed Removal	Tree Credits Per Existing Code	Tree Credits Reduced Proposal
Cedar	7		0.75	0.5
Douglas Fir	7		0.75	0.5
Cedar	7.2		0.75	0.5
Cedar	8		0.75	0.5
Cedar	8.5		0.75	0.5
Plum	9	X	0.75	0.5
Apple	9.5	X	0.75	0.5

Hawthorne	10	X	0.75	0.5
Plum	12.6	X	1	0.75
Douglas Fir	18	X	1	0.75
Douglas Fir	24	X	1	0.75
Douglas Fir	26	X	1	0.75
Douglas Fir	28	X	1	0.75
Douglas Fir	44	X	1	1
TOTAL			8.25	6.25

Example 3:

2000 79th Ave NE (TREE-16-013)

Lot size: 40,108 sq. ft.

Zoning: R-20

As Approved/Permitted

Total Existing Tree Units: 35.5
Total Tree Units Removed: 20.5
Net Tree Units: 15
Required Tree Units (.35): 14
Supplemental Units Required: No

Proposed Amendments

Total Existing Tree Units: 26.5
Total Tree Units Removed: 15.5
Net Tree Units: 11
Required Tree Units (.4): 16
Supplemental Units Required: Yes – 5

Legacy Tree Removed: Yes – One 36-inch DBH and one 38-inch DBH

Legacy Tree Supplemental Inches: $50\% \times 36 = 18$; $50\% \times 38 = 19$; 18 + 19 = 37 inches

Landmark Tree Removed: No

Total Supplemental Requirements = 5 units plus 37 inches

Result

This project removed one 36" tree and one 38" tree, both of which were located well outside of the building envelope. Due to their locations, it is staff's opinion that these trees were removed to improve the view of the golf course. The proposed amendments would require additional trees or more likely, the owners would have reconsidered removing some of the trees that didn't need to be removed.

Location Requirement

The size of this lot (40,108 sq. ft.) would trigger a location requirement in the proposed code which would require 20% of the trees required by the density ratio to be preserved within 15-feet of the front and rear property lines and 20% preserved within the site interior. The required tree units for this property are 16 which means that 2 units would need to be preserved along the front property

line, 2 units preserved along the rear, and 4 within the interior. The remaining 8 units could be preserved as the owners saw fit.

2000 79th AVE NE Tree Credit Analysis

Tree Credit Analysis						
Description	Tree Diameter	Proposed Removal	Tree Credits Per Existing Code	Tree Credits Reduced		
Dogwood	6	X	0.75	0.5		
Dogwood	6	X	0.75	0.5		
Dogwood	6	X	0.75	0.5		
Dogwood	6	X	0.75	0.5		
Dogwood	6		0.75	0.5		
Dogwood	6		0.75	0.5		
Dogwood	8	X	0.75	0.5		
Dogwood	8	X	0.75	0.5		
Dogwood	8		0.75	0.5		
Dogwood	9		0.75	0.5		
Douglas Fir	10		0.75	0.5		
Cherry	12		0.75	0.5		
Ash	12		0.75	0.5		
Ash	14	X	0.75	0.5		
Cherry	15	X	1	0.75		
Douglas Fir	16	X	1	0.75		
Magnolia	16		1	0.75		
Douglas Fir	16		1	0.75		
Birch	16		1	0.75		
Maple	17		1	0.75		
Cedar	18	X	1	0.75		
Douglas Fir	18		1	0.75		
Douglas Fir	18	X	1	0.75		
Douglas Fir	20	X	1	0.75		
Cherry	20	X	1	0.75		
Douglas Fir	24		1	0.75		
Douglas Fir	24		1	0.75		
Douglas Fir	24		1	0.75		
Douglas Fir	25	X	1	0.75		
Douglas Fir	26	X	1	0.75		
Douglas Fir	30	X	1	0.75		
Douglas Fir	30	X	1	0.75		
Douglas Fir	30	X	1	0.75		
Douglas Fir	32		1	0.75		
Douglas Fir	32	X	1	0.75		
Douglas Fir	35	X	1	0.75		
Hemlock	36	X	1	0.75		
Cedar	38	X	1	1		

101112	TOTAL		35.5	26.25
--------	-------	--	------	-------

Example 4:

1306 Evergreen Point Road (TREE-17-033)

Lot size: 16,364 sq. ft.

Zoning: R-16

As Approved/Permitted

Total Existing Tree Units: 22.75
Total Tree Units Removed: 14.5
Net Tree Units: 8.25
Required Tree Units (.35): 5.7=6
Supplemental Units Required: No

Proposed Amendments

Total Existing Tree Units: 16.75

Total Tree Units Removed: 10.75 (no trees 36" or larger)

Net Tree Units: 6
Required Tree Units (.4): 6.5=7
Supplemental Units Required: Yes – 1

Legacy Tree Removed: No

Legacy Tree Supplemental Inches: N/A

Landmark Tree Removed: No

Total Supplemental Requirements = 1 unit

Result

This project did not remove any legacy trees however would be required to plant one supplemental tree unit (2 actual trees).

Result of legacy tree removal

This project did not have any legacy trees.

1306 Evergreen Point Road Tree Credit Analysis

Description	Tree Diameter	Proposed Removal	Tree Credits Per Existing Code	Tree Credits Reduced
Dogwood	6		0.75	0.5
Dogwood	6		0.75	0.5
Dogwood	6		0.75	0.5
Dogwood	6	X	0.75	0.5
Dogwood	6	X	0.75	0.5
Dogwood	6		1	0.75
Dogwood	8	X	1	0.75
Dogwood	8	X	1	0.75

Dogwood		X	1	0.75
Dogwood	9	X	1	0.75
Douglas Fir	10		1	0.75
Cherry	12	X	1	0.75
Ash	12	X	1	0.75
Ash	14		1	0.75
Cherry	15	X	1	0.75
Douglas Fir	16	X	1	0.75
Magnolia	16	X	1	0.75
Douglas Fir	16		1	0.75
Birch	16	X	1	0.75
Maple	17	X	1	0.75
Cedar	18	X	1	0.75
Douglas Fir	18		1	0.75
Douglas Fir	18		1	0.75
Douglas Fir	20	X	1	0.75
TOTAL			22.75	16.75

Example 5:

1221 Evergreen Point Road (TREE-18-013)

Lot size: 65,556 sq. ft.

Zoning: R-30

As Approved/Permitted

Total Existing Tree Units: 79.5
Total Tree Units Removed: 29.75
Net Tree Units: 49.75
Required Tree Units (.35): 22.9=23
Supplemental Units Required: No

Proposed Amendments

Total Existing Tree Units: 59.25

Total Tree Units Removed: 22 (no trees 36" or larger being removed)

Net Tree Units: 37.25 Required Tree Units (.4): 26.222=27

Supplemental Units Required: No

Legacy Tree Removed: No

Legacy Tree Supplemental Inches: N/A

Landmark Tree Removed: No

Total Supplemental Requirements = N/A

Result

Due to the size of the lot and the number of existing trees, this lot was not required to plant supplemental trees, nor would it be required to under the proposed code. This property did not remove any Legacy trees.

Location Requirement

This lot is located in the shoreline jurisdiction therefore the location requirement is not applicable.

1221 Evergreen Point Road Tree Credit Analysis

Description Tree Diameter Proposed Removal Tree Credits Per Existing Code Tree Credits Reduced Cedar 6 0.75 0.5 Hazelnut 6 x 0.75 0.5 Cedar 6 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 <th colspan="12">Tree Credit Analysis</th>	Tree Credit Analysis											
Cedar 6 x 0.75 0.5 Hazelnut 6 x 0.75 0.5 Cedar 6 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut	Description		Proposed Removal	Per Existing	Tree Credits Reduced							
Hazelnut 6 x 0.75 0.5 Cedar 6 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Cedar 9 x <th>Cedar</th> <td>6</td> <td></td> <td></td> <td>0.5</td>	Cedar	6			0.5							
Cedar 6 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Cedar 9 x 0.75 0.			v									
Cedar 6 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9			A									
Cedar 6 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 x 0.75 0.5												
Cedar 6 0.75 0.5 Cedar 6 0.75 0.5 Cedar 6 0.75 0.5 Cedar 6 0.75 0.5 Cedar 6.5 x 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Apple 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 x 0.75 0.5 <t< th=""><th></th><td></td><td></td><td></td><td colspan="5"></td></t<>												
Cedar 6 0.75 0.5 Cedar 6 0.75 0.5 Cedar 6 0.75 0.5 Cedar 6.5 x 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Apple 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 C												
Cedar 6 0.75 0.5 Cedar 6 0.75 0.5 Cedar 6.5 x 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Apple 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 0.75 0.5 Hazelnut 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar												
Cedar 6 0.75 0.5 Cedar 6.5 x 0.75 0.5 Cedar 8 0.75 0.5 Cedar 8 x 0.75 0.5 Apple 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10												
Cedar 6.5 x 0.75 0.5 Cedar 8 0.75 0.5 Apple 8 x 0.75 0.5 Apple 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 0.5 Cedar 10												
Cedar 8 0.75 0.5 Apple 8 x 0.75 0.5 Apple 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 0.5 Cedar 10			y									
Cedar 8 x 0.75 0.5 Apple 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Haple 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 0.5 Cedar 10 1 0.75 Douglas			7									
Apple 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Cedar 8 x 0.75 0.5 Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 </th <th></th> <td></td> <td></td> <td></td> <td></td>												
Cedar 8 x 0.75 0.5 Cedar 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1			x									
Cedar 8 0.75 0.5 Hazelnut 8 0.75 0.5 Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Hawthorn 10 x 1 0.75												
Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1			71									
Hazelnut 8 0.75 0.5 Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 1												
Ash 8 0.75 0.5 Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10												
Maple 8 0.75 0.5 Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir												
Cedar 9 x 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Cedar 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 <th></th> <td></td> <td></td> <td></td> <td></td>												
Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75			X									
Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Cedar 10 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75												
Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Cedar 10 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75												
Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75												
Cedar 9 0.75 0.5 Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Cedar 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75												
Cedar 9 0.75 0.5 Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Cedar 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75		9										
Cedar 10 1 0.75 Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Cedar 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75		9										
Cedar 10 1 0.75 Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Cedar 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75		10			0.75							
Cedar 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Cedar 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75	Cedar	10		1								
Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75				1								
Douglas Fir 10 1 0.75 Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Cedar 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75				1								
Douglas Fir 10 1 0.75 Douglas Fir 10 x 1 0.75 Cedar 10 x 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75		10		1								
Douglas Fir 10 x 1 0.75 Cedar 10 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75		10		1								
Cedar 10 1 0.75 Hawthorn 10 x 1 0.75 Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75			X	1								
Douglas Fir 10 x 1 0.75 Douglas Fir 10 x 1 0.75		10		1	0.75							
Douglas Fir 10 x 1 0.75		10	X	1								
Douglas Fir 10 x 1 0.75	Douglas Fir	10	X	1	0.75							
		10	X	1	0.75							
	Cherry	10		1	0.75							

Attachment F

Ash	10		1	0.75
Dogwood	10		1	0.75
Maple	10		1	0.75
Douglas Fir	11		1	0.75
Hemlock	11	X	1	0.75
Cedar	11		1	0.75
Douglas Fir	12		1	0.75
Cedar	12		1	0.75
Cedar	12		1	0.75
Cedar	12		1	0.75
Dogwood	12	X	1	0.75
Dogwood	12	X	1	0.75
Plum	12	X	1	0.75
Douglas Fir	12	X	1	0.75
Madrone	12		1	0.75
Madrone	12		1	0.75
Hawthorn	12		1	0.75
Cedar	13		1	0.75
Yew	13	X	1	0.75
Douglas Fir	15		1	0.75
Douglas Fir	15		1	0.75
Apple	15	X	1	0.75
Cedar	16	X	1	0.75
Cedar	16		1	0.75
Douglas Fir	16		1	0.75
Apple	16	X	1	0.75
Apple	16	X	1	0.75
Douglas Fir	16		1	0.75
Cedar	17	X	1	0.75
Douglas Fir	18		1	0.75
Cherry	18	X	1	0.75
Cedar	20		1	0.75
Cottonwood	20	X	1	0.75
Cedrus	22	X	1	0.75
Cypress	22	X	1	0.75
Douglas Fir	23		1	0.75
Cedar	23	X	1	0.75
Cedar	23	X	1	0.75
Cedar	26	X	1	0.75
Cedar	27	X	1	0.75
Cedar	27	X	1	0.75
Cedar	35	X	1	0.75
Cedar	35	X	1	0.75
Douglas Fir	36		1	1
Maple	36		1	1
Cottonwood	36		1	1

Cottonwood	36	1	1
Cottonwood	38	1	1
TOTAL		79.5	59.25

Example 6:

2626 78th Avenue NE (TREE-20-008)

Lot size: 8,120 sq. ft.

Zoning: R-16

As Approved/Permitted

Total Existing Tree Units: 10
Total Tree Units Removed: 7
Net Tree Units: 3
Required Tree Units (.35): 3
Supplemental Units Required: No

Proposed Amendments

Total Existing Tree Units: 8
Total Tree Units Removed: 5.75
Net Tree Units: 2.25
Required Tree Units (.4): 3.2=4
Supplemental Units Required: Yes – 2

Legacy Tree Removed: Yes – One 38-inch DBH and one 39-inch DBH

Legacy Tree Supplemental Inches: $10\% \times 38 = 3.8$ (rounded up to next whole number) = 4; 10%

x 39 = 3.9 (rounded up to next whole number) = 4; 4 + 4 = 8 inches

Landmark Tree Removed: No

Total Supplemental Requirements = 5 units plus 8 inches

Result

This project would have been required to plant two supplemental trees under the proposed amendments. Two Legacy trees were removed: one 38-inch tree and one 39-inch tree. The 39-inch tree was located in the front of the property and the 38-inch was located in the rear building envelope. It's possible that the 39-inch tree would have been saved but the 38-inch tree could have only been saved with a redesign of the house and possibly some sort of variance for setbacks.

2626 78th AVE NE Tree Credit Analysis

Description	Tree	Proposed	Tree Credits	Tree Credits		
	Diameter	Removal	Per Existing	Reduced		
			Code			
Cedar	10		1	0.75		
Douglas Fir	15		1	0.75		
Douglas Fir	16	X	1	0.75		
Douglas Fir	17		1	0.75		

Attachment F

Douglas Fir	17	X	1	0.75
Douglas Fir	26	X	1	0.75
Douglas Fir	29	X	1	0.75
Douglas Fir	33	X	1	0.75
Douglas Fir	38	X	1	1
Douglas Fir	39	X	1	1
TOTAL			10	8



DEVELOPMENT SERVICES

Administrative Attachment F Tree Activity **Permit**

T-01

501 EVERGREEN POINT ROAD MEDINA, WA 98039 PHONE: 425-233-6414/6400

Complete this form fo	r the following:										
 The property is designated as under development regardless of whether a tree is removed (MMC 20.52.100) 											
 Removal of a 	 Removal of any significant tree on private property having a 6-inch DBH and larger size, but less than 50 inches DBH 										
 Removal of a 	ny non-significant tree on private property	within 200 feet of the shore	line having a 6-inch	n DBH and larger size							
Removal of a hazard tree from a city right-of-way											
New Application	Permit No.										
Supplemental	Only Date Received:	Ву:		TREE20-049							
	Property Information	ation		1112220010							
Property Address:	707 Overlake Dr East Medii	na WA 98039	Check if tree is I								
		14 11/1 30003	」 □ Within 200 fe	et of shoreline							
Tax Parcel No. 3835501951 Within a critical area (Ch. 20.50/ 20.67 MMC)											
Legal Property Owner Information											

City Use Only										
Application Fee:		Check if issued same day as submittal	Planning Approval:	1	1					
Tech Fee:			Tree Approval:	1	1					
Advanced Deposit:			Final Inspection:	1	1	00				



DEVELOPMENT SERVICES

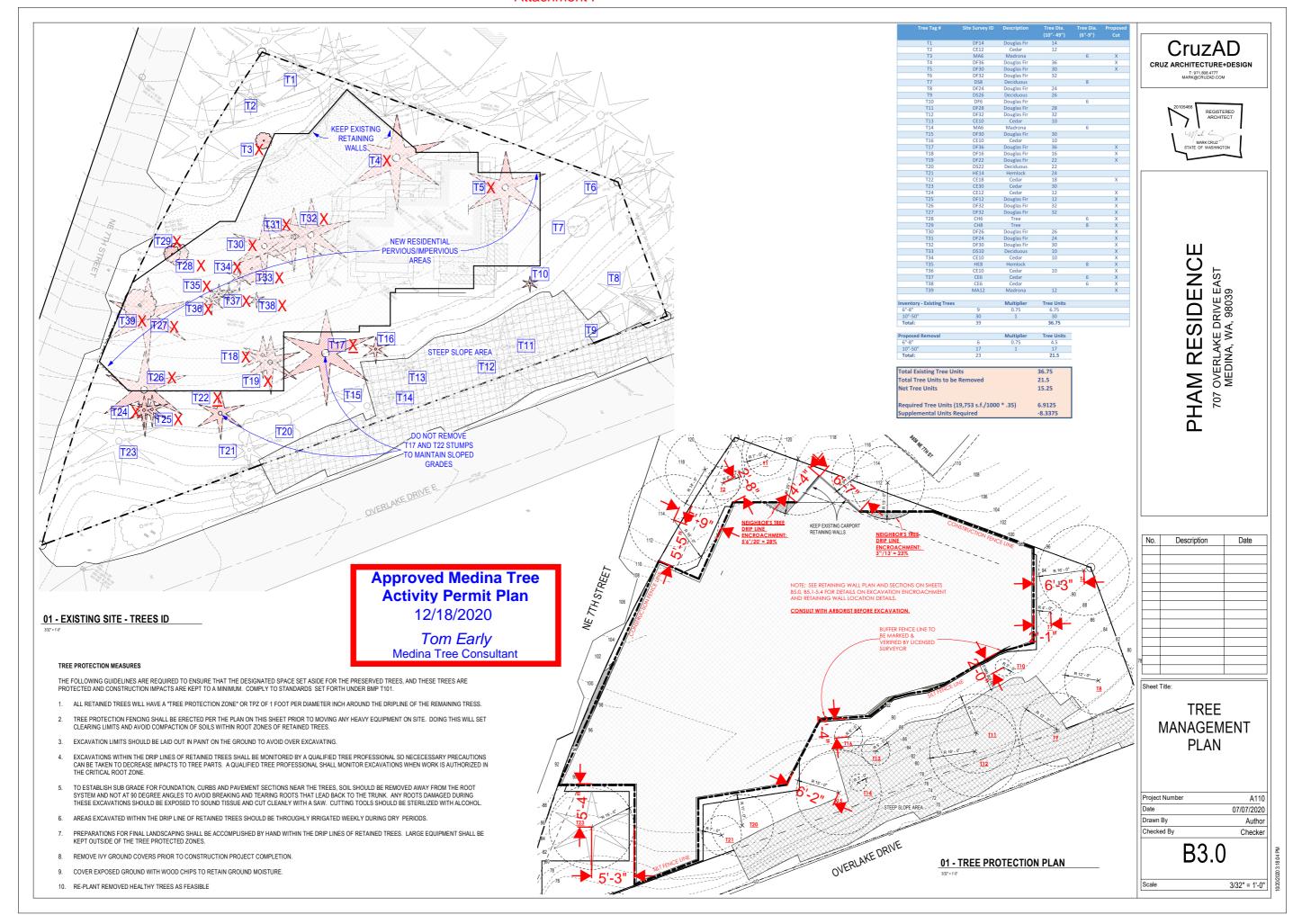
Tree Performance Worksheet

Attachment F

T-01a

501 EVERGREEN POINT ROAD MEDINA, WA 98039 PHONE: 425-233-6414/6400

Instruc	structions: Complete and attach this form to T-01 for the following: • The property is designated as under development pursuant to MMC 20.52.100												
,		he applicant is using the		•	-						■ New		
											Revision		
STEP 1	l:	Inventory existing tre units	e	Conduct an inven	tory	of all sig	nificant tr	ees	within the	boundar	ries of the lot.		
No.		Tree				DBH	No.				Tree		DBH
1		See attached	tree lis	t			7						
2							8						
3					_		9						
4					+		10						
5 6					+		11 12						
STEP 2	Calculate Existing From Table 20.52.130/C): add together the number of significant trees in each range below and												
A.	Total number of trees at least 6 inches, but less that inches DBH						9	Х	0.75 =	6.75	D. TOTAL EXISTI		EE UNITS
B.	Total number of trees 10 inches DBH and larger						2930	Х	1.00 =	30	36.75		
C.	Total number of conifer trees 50 inches DBH and larger							Х	1.25 =	0			
STEP 3	TEP 3: Inventory removed trees List the significant trees that are proposed for removal. This information will be used in (if applicable).										n Ste	p 4 and 7	
No.		Tree				DBH	No.				Tree		DBH
		See attached	tree lis	t									
					_								
					-								
		Calculate Not Evictin		Fo coloulate Not F	-vioti	ina Troo	I Inita as	اما اما	a a th a e th a	, number	of aignificant trace in a	0 0 b 10	ngo holow
STEP 4	l:	Calculate Net Existin Tree Units									of significant trees in eng value. Then follow H		
_ 1	Total	number of trees remov		locat 6 inches		ICITIOVAI					H. TOTAL TREE UNITS		
E.		ess than 10 inches DBH		,	6		X 0.75	=	4.5		TO BE REMOVED	21.	5
F.	Total	number of trees remo	ved 1	10 inches DBH	47	,	X 1.00 =		47		(E + F + G)		
Г.	and I	· ·			17		A 1.00 -	_	17				
G.	Total and I	number of conifer tre arger	es 5	0 inches DBH	0		X 1.25	=	0		I. Net Existing Tree Units	15.	25
OTES		Calculate Required		To calculate Requ	uired	I Tree U	nits, perf	orm	the calcul	ations	(subtract		
STEP 5): 	Tree Units		n J through M.			, ,				H from D)		
	Lot	Area (sq. ft.)	D	ivide J by 1,000		Tree			o (check c	ne)	M. REQUIRED TREE	(r	ound up)
J.	19,	753	K.	19.7		0.35 (residential) UNITS						7	
STEP 6	Subtract the Tree Units in M from the Tree Units in I. If the difference is zero or a positive number - stop. No supplemental trees are									N. 8.2	25		
		or Step 7 and for addition		(()									





Administrative Tree Activity Permit

ttachment F T-01

 Removal of any Removal of any not a legacy tre Removal of a h 	designated as u v significant tree v non-significant ve azard tree from	under development (MMC 20.52.° on private property having a 6-in	ch DBH and	-	having a 6-inch DBH and larger size that is
New Application	Staff Date	Received:	Ву:		Permit No.
Supplemental	Only	Property Information	-		Tree 20-013
Property Address: 78	15 NE 28				Check if tree is:
Tax Parcel No. 3262					Within 200 feet of shoreline Within a critical area (MMC 20.50)
Spot 2019	LLC				Dmitriy@Americanclassichomes.com
9675 SE 36th ST	#105	Mercer Island	WA	980402	206-588-1147 x114
Dmitriy Ma 9675 SE 36	oth ST #105	Mercer Island	WA	98040	Dmitriy@Americanclassichomes.com 206-588-1147 x114
	Same			5	Same
■ Dmitriy	Mayzlin				
,	, 			8/28/2	20
Tech Fee:		Date paid:	Tree Cons	sultant Revie	ew: Tom Carly 9/16/2020

Rev. 07.31.2015

Advanced Deposit:

Final Inspection:

Check if issued same

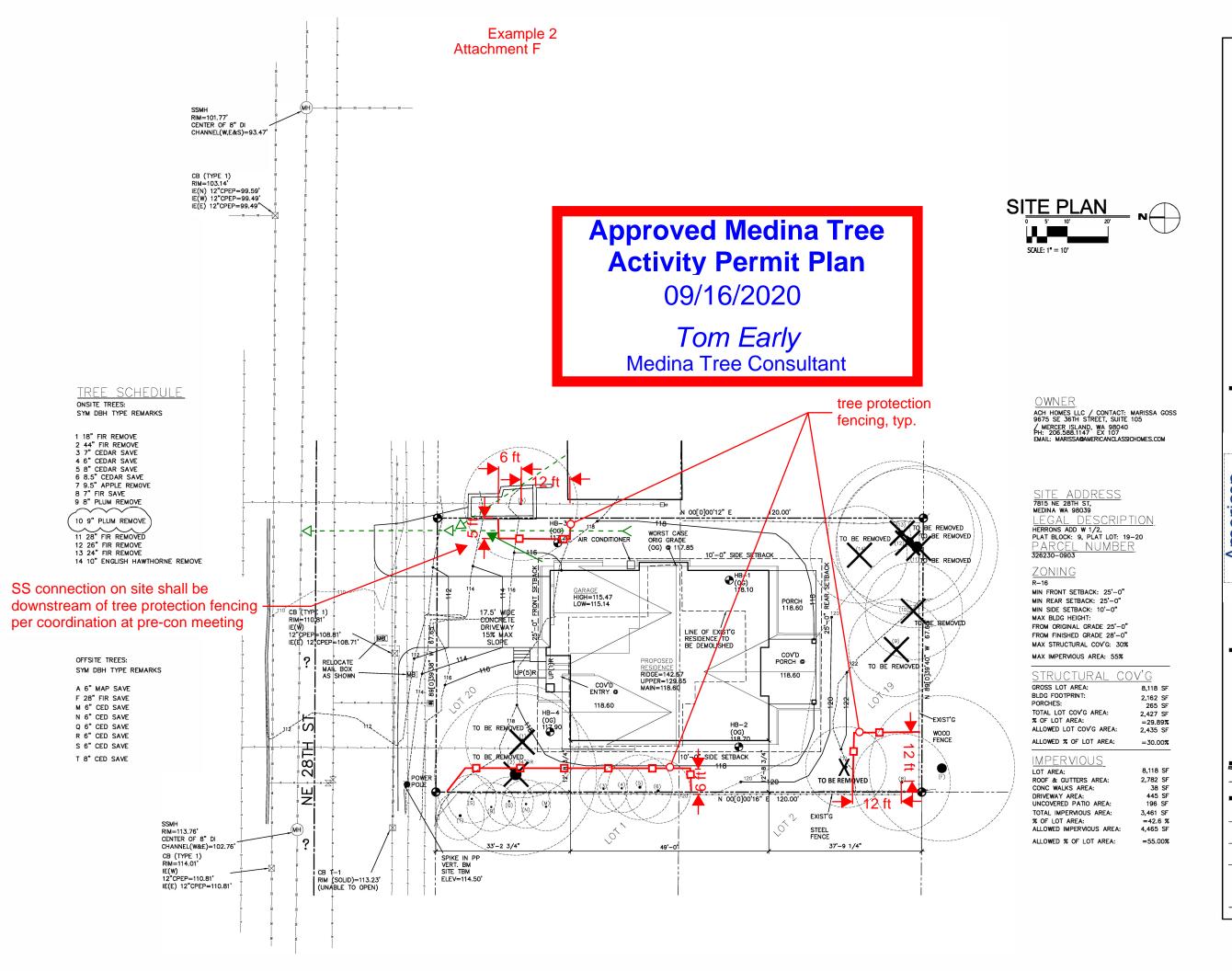
day as submittal



Tree Performance Worksheet

Attachment F T-01a

Instru	structions: Complete and attach this form to T-01 for the following: • The property is designated as under development pursuant to MMC 20.52.100										
		ne property is designation in the applicant is using t		•	•			100	☐ New ☐ Revision		
STEP	1:	Inventory existing tree units	Conduct an inv	entory o	f all s	significa	ınt trees withi	n the bound	daries of the lot.		
No.		Tree		DE	3H	No.		Tre	ee		DBH
1		Douglas	-fir	1	8	7		App	ole		9.5
2		Douglas	-fir	4	4	8		Dougl	as-fir		7
3		Western red	dcedar	7	7	9		plum (8	+9+4)		12.6
4		Western redce	7.	2	10		Plu	m		9	
5	western redcedar				3	11		dougla			28
6		western red	lcedar	8.	5	12		dougla	as-fir		26
STEP	2:	Calculate Existing Tree Units	From Table 20 and multiply by						ificant trees in ead Tree Units.	ch rai	nge below
A.									D. TOTAL EXISTI (A + B		
B.	Tota	I number of trees 10 in	nches DBH and larç	ger	•	7	X 1.00 =	7	12.25	,	
C.	Tota	I number of conifer tre	es 50 inches DBH	and larg	er	0	X 1.25 =	0			
STEP	P 3: Inventory removed trees List the significant trees that are proposed for removal. This information will be 4 and 7 (if applicable).									e use	ed in Step
No.		Tree		DE	3H	No.		Tre	ee		DBH
1		douglas	fir	1	8	11		dougl	as fir		28
2		douglas	fir	4	4	12		dougl	as fir		26
9		plum		12		13	douglas fir				24
10		plum		9		14	hawthorne				10
STEP		Calculate Net Existing Tree Units	range below th follow H and I.					multiply by	mber of significan the correspondir		
E.		I number of trees re		3		X 0.75	= 2.25	5 1	H. TOTAL TREE	9.2	5
		es, but less than 10 in		<u> </u>		7. 0.70	2.2		Units to be		
F.		I number of trees re	moved 10 inches	7		X 1.00	= 7		REMOVED		
		l and larger	traca FO inches	•					(E + F + G)		
G.		I number of conifer I and larger	trees ou inches	0		X 1.25	= 0	'	. Net Existing Tree Units	3	
STEP	5:	Calculate Required Tree Units	To calculate calculations in			ree Ui	nits, perform	n the	(subtract H from D)		
	Lot A	Area (sq. ft.)	Divide J by 1,00	0 Tr	ee D		Ratio (check	one) M.	REQUIRED TREE	(rc	ound up)
J.	81	20	к. 8.210) L.			(residential) Table 20.52.1	30.B (I	UNITS Multiply K × L)	3	
STEP	Determine if Subtract the Tree Units in M from the Tree Units in I. If the difference is zero or a positive number - stop. No supplemental								N. O		
See Pa	age 2	for Step 7 and for add	litional inventory tal	bles							



AGENDA ITE

7815 NE 28TH MEDINA

/815 NE 281H SITE PLAN

Assic Homes

R
38th ST. MERCER ISLAND, WA 9800

.17.2020

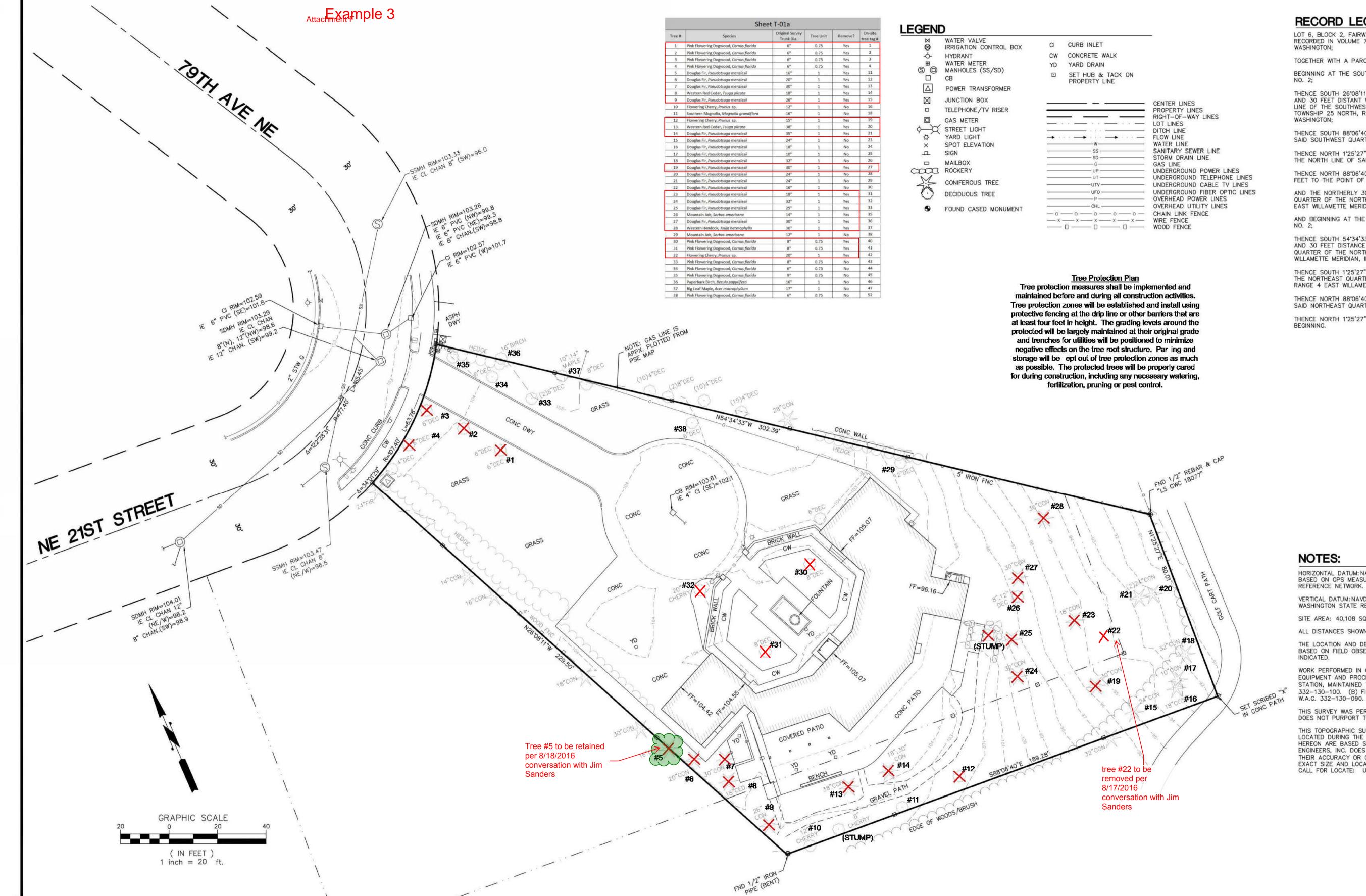
3.12.2020 5.11.2020 1"=10'-0"

1.6.2020 DATE

PUTER FILE NAME

SITE

10



RECORD LEGAL DESCRIPTION:

LOT 6, BLOCK 2, FAIRWAY VIEW NO. 2, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 71 OF PLATS, PAGES 2 AND 3 IN KING COUNTY,

TOGETHER WITH A PARCEL OF LAND ADJACENT THERETO DESCRIBED AS FOLLOWS:

THENCE SOUTH 26'08'11" EAST, TO AN INTERSECTION WITH A LINE PARALLEL TO AND 30 FEET DISTANT WESTERLY MEASURED AT RIGHT ANGLES, FROM THE NORTH LINE OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 25, TOWNSHIP 25 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, IN KING COUNTY,

THENCE SOUTH 88'06'40" EAST ALONG SAID PARALLEL LINE TO THE EAST LINE OF SAID SOUTHWEST QUARTER OF NORTHEAST QUARTER;

THENCE NORTH 1"25"27" EAST, ALONG SAID EAST LINE A DISTANCE OF 30 FEET TO THE NORTH LINE OF SAID SOUTHWEST QUARTER OF NORTHEAST QUARTER;

THENCE NORTH 88'06'40" WEST, ALONG SAID NORTH LINE A DISTANCE OF 175 FEET TO THE POINT OF BEGINNING;

AND THE NORTHERLY 30 FEET OF THE WESTERLY 30 FEET OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 25, TOWNSHIP 25 RANGE 4 EAST WILLAMETTE MERIDIAN, IN KING COUNTY, WASHINGTON;

AND BEGINNING AT THE NORTHEAST CORNER OF LOT 6 , BLOCK 2, FAIRWAY VIEW

THENCE SOUTH 54'34'33" EAST, TO AN INTERSECTION WITH A LINE PARALLEL TO AND 30 FEET DISTANCE EASTERLY FROM THE WEST LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER SECTION 25, TOWNSHIP 25 RANGE 4 EAST WILLAMETTE MERIDIAN, IN KING COUNTY, WASHINGTON;

THENCE SOUTH 1°25'27" WEST ALONG SAID PARALLEL LINE TO THE SOUTH LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER SECTION 25, TOWNSHIP 25 RANGE 4 EAST WILLAMETTE MERIDIAN, IN KING COUNTY, WASHINGTON;

THENCE NORTH 88'06'40" WEST, A DISTANCE OF 30 FEET TO THE WEST LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST;

THENCE NORTH 1°25'27" EAST, A DISTANCE OF 70 FEET TO THE POINT OF

HORIZONTAL DATUM: NAD 83, 2011 WASHINGTON COORDINATE SYSTEM NORTH ZONE BASED ON GPS MEASUREMENTS CONSTRAINED TO THE WASHINGTON STATE REFERENCE NETWORK.

VERTICAL DATUM: NAVD 88 BASED ON GPS MEASUREMENTS CONSTRAINED TO THE WASHINGTON STATE REFERENCE NETWORK.

SITE AREA: 40,108 SQ FT ± 0.92 ACRES ±

ALL DISTANCES SHOWN ARE GROUND DISTANCES UNLESS OTHERWISE NOTED.

THE LOCATION AND DESCRIPTION OF ALL SURVEY MARKERS SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS TAKEN IN APRIL, 2015, UNLESS OTHERWISE

WORK PERFORMED IN CONJUNCTION WITH THIS SURVEY UTILIZED THE FOLLOWING EQUIPMENT AND PROCEDURES: (A) 1" TRIMBLE S6 SERIES ELECTRONIC TOTAL STATION, MAINTAINED TO THE MANUFACTURER'S SPECIFICATIONS PER W.A.C. 332-130-100. (B) FIELD TRAVERSE, EXCEEDING REQUIREMENTS SET FORTH IN

THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND DOES NOT PURPORT TO SHOW ALL EASEMENTS.

THIS TOPOGRAPHIC SURVEY DRAWING ACCURATELY PRESENTS SURFACE FEATURES LOCATED DURING THE COURSE OF THIS SURVEY. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED SOLELY UPON INFORMATION PROVIDED BY OTHERS AND PACE ENGINEERS, INC. DOES NOT ACCEPT RESPONSIBILITY OR ASSUME LIABILITY FOR THEIR ACCURACY OR COMPLETENESS. CONTRACTOR/ENGINEERS SHALL VERIFY EXACT SIZE AND LOCATION PRIOR TO CONSTRUCTION. CALL FOR LOCATE: UTILITY LOCATION SERVICE: 811

PORTION OF: NW1/4, NE 1/4, SECTION 25, T. 25 N., R. 4 E., W.M.

An Engineering Services Company REVISION DATE BY APP

CAD/CALC OHARE

PLAT CHK OHARE

11255 Kirkland Way, Suite 300 Kirkland, WA 98033 p. 425.827.2014 | f. 425.827.5043 Civil | Structural | Planning | Survey

paceengrs.com

TAX LOT 2487010-0100 2000 79TH AVE NE 98039 MEDINA, WA.

4-24-1 SCALE 1'' = 20SURVEY TEAM FIELD BOOK DWG FILE 15417-SRV.DWG

BOUNDARY & TOPOGRAPHIC SURVEY JHR CONSTRUTION, INC.

PROJECT NO. 15417.10

Attachment F



Administrative Tree Activity Permit

T-01

Instructions: Complete	this form for the following:			+							
 The property is designated as under development (MMC 20.52.100) 											
 Removal of any significant tree on private property having a 6-inch DBH and larger size that is not a legacy tree 											
 Removal of an 	 Removal of any non-significant tree on private property within 200 feet of the shoreline having a 6-inch DBH and larger size that is 										
not a legacy tre	ее										
 Removal of a h 	nazard tree from the city right-	of-way									
New Application	Staff Date Received:	7/27/17	By: KMCh		Permit No.						
Supplemental	Uniy	010011	23. 1000 CO		1000 10 023						
		Information			Tree-17-033						
Property Address: 13	06 Evergreen Point F	2nad			if tree is: nin 200 feet of shoreline						
	Property Address: 1306 Evergreen Point Road										
Tax Parcel No. 30253	300128	With	nin a critical area (Ch. 18.12 MMC)								
	e	gal Property Own	er Information								



Tree Performance Worksheet

T-01a

Instru		s: Complete and atta					77		0.00.50	100	File No.		41.
		he property is designa he applicant is using t			10000					100	☐ New ☐ Revision		
STEP	1:	Inventory existing tree units	(Conduct an inv	ento	ry of all	significa	ant ti	rees withi	n the bo	oundaries of the lot.		
No.		Tree				DBH	No.		Tree				DBH
1		See Attache	d List				7						
3					+		8						
4							10		70.700		Managara Managara		
5							11						
6							12						of the second for
STEP	2:	Calculate Existing Tree Units									significant trees in ea sting Tree Units.	ch rar	nge below
A.	Total number of trees at least 6 inches, but less than 10 inches DBH						4	T	0.75 =	3	D. TOTAL EXIST		
B.	Tota	I number of trees 10 i	0 inches DBH and larger					X	1.00 =	17	20		
C.	Tota	I number of conifer tre	es 5	0 inches DBH	inches DBH and larger 0 X 1.25 = 0								
STEP	3:	Inventory removed trees		ist the signification and 7 (if appli			it are pro	pos	sed for re	moval.	This information will b	oe use	ed in Step
No.		Tree	Tree DBH No. Tree									DBH	
		See Attached	Shee	t	1								
					+								
					1								
STEP	4:	Calculate Net Existing Tree Units	r								number of significar y by the correspondi		
E.		I number of trees rees, but less than 10 in			1		X 0.75	=	.75		H. TOTAL TREE Units to be	11.	75
F.	1011(1011)	I number of trees re I and larger	emove	ed 10 inches	1	1	X 1.00	=	11		REMOVED (E + F + G)		
G.	Tota	I number of conifer I and larger	tree	s 50 inches	0		X 1.25	=	0		I. Net Existing Tree Units	8.2	5
STEP	150.5	Calculate Required Tree Units	99	To calculate calculations in				nits,	perform	n the	(subtract H from D)		
	Lot /	Area (sq. ft.)		vide J by 1,00				Rat	io (check	one)	M. REQUIRED TREE	(rc	ound up)
J.	16	364	K.	16.36		L.			dential) e 20.52.1	30.B	UNITS (Multiply K × L)	6	
STEP		Determine if Supplemental Tree are required	s	trees are rec If the differe	ence quire nce	is zero ed.	or a po	ositiv	ve numbe	er - stop	o. No supplemental	N. 2.2	5
See F	age 2	for Step 7 and for add	dition	al inventory tab	oles								

CITY OF MEDINA

Tree Retention Table - 1306 Evergreen Point Drive

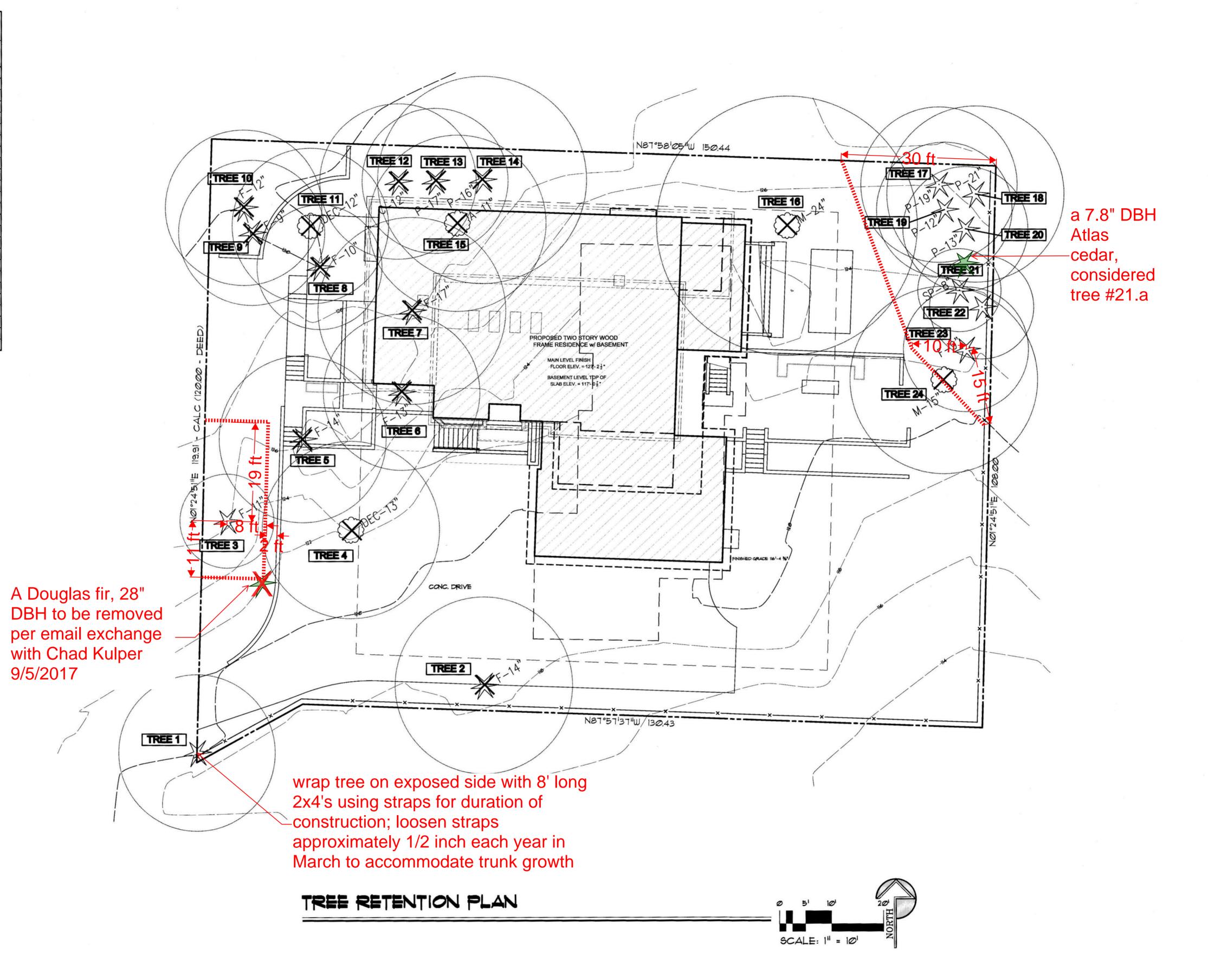
Tree	Species	DBH (Inches)	Retain	Remove
1	Fir	16	16	
2	Fir	14		14
3	Fir	11	11	
4	Dec	13		13
5	Fir	14		14
6	Fir	Foundation		13
7	Fir	Foundation		17
8	Fir	10		10
9	Fir	9		9
10	Fir	12		12
11	Dec	12		12
12	Cedar	12		12
13	Pine	17		17
14	Pine	16		16
15	Apple	Foundation		11
16	Maple	24		24
17	Pine	19	19	
18	Pine	21	21	
19	Pine	12	12	
20	Pine	13	13	
21	Spruce	8	8	
22	Fir	9	9	
23	Fir	9	9	
24	Maple	15		15
		286	118	209
			41%	

	50 Percent	143	
ſ	40 Percent	114	
	35 Percent	100	
	25 Percent	72	

AttaclExample 4

TREE	SPECIES	DBH (INCHES)	RETAIN	REMOVE
1	FIR	16"	16	
2	FIR	14"		14
3	FIR	11"	11	
4	DEC.	13"		13
5	FIR	14"		14
6	FIR	0"		13
7	FIR	0"		17
8	FIR	10"		10
9	FIR	9"		9
10	FIR	12"		12
11	DEC.	12"		12
12	CEDAR	12"		12
13	PINE	17"		17
14	PINE	16"		16
15	APPLE	0"		11
16	MAPLE	24"		24
17	PINE	19"	19	
18	PINE	21"	21	
19	PINE	12"	12	
20	PINE	13"	13	
21	SPRUCE	8"	8	
22	FIR	9"	9	
23	FIR	9"	9	

TOTAL TREE RETENTION: 41%



COPYRIGHT © 2000-2017

John Buchan Homes

These Drawings are fully protected by Federal and State Copyright laws.

Reproduction of these drawings, either in whole or in part, including any form of copying and/or the preparation of

These Drawings are fully protected by Federal and State Copyright laws. Reproduction of these drawings, either in whole or in part, including any form of copying and/or the preparation of any derivative works thereof, for any reason without prior written permission is strictly prohibited and in violation of the U.S. Copyright Act of 1976, as amended in 1990.

OHN F. BUCKHAN HOM ES.

Wood Frame Single Family Resident New Residence for Glenn Xin

Revision Date

Project:

New Custom
Issue Date:

Qtr 1 2017

Design by:

t.daigle

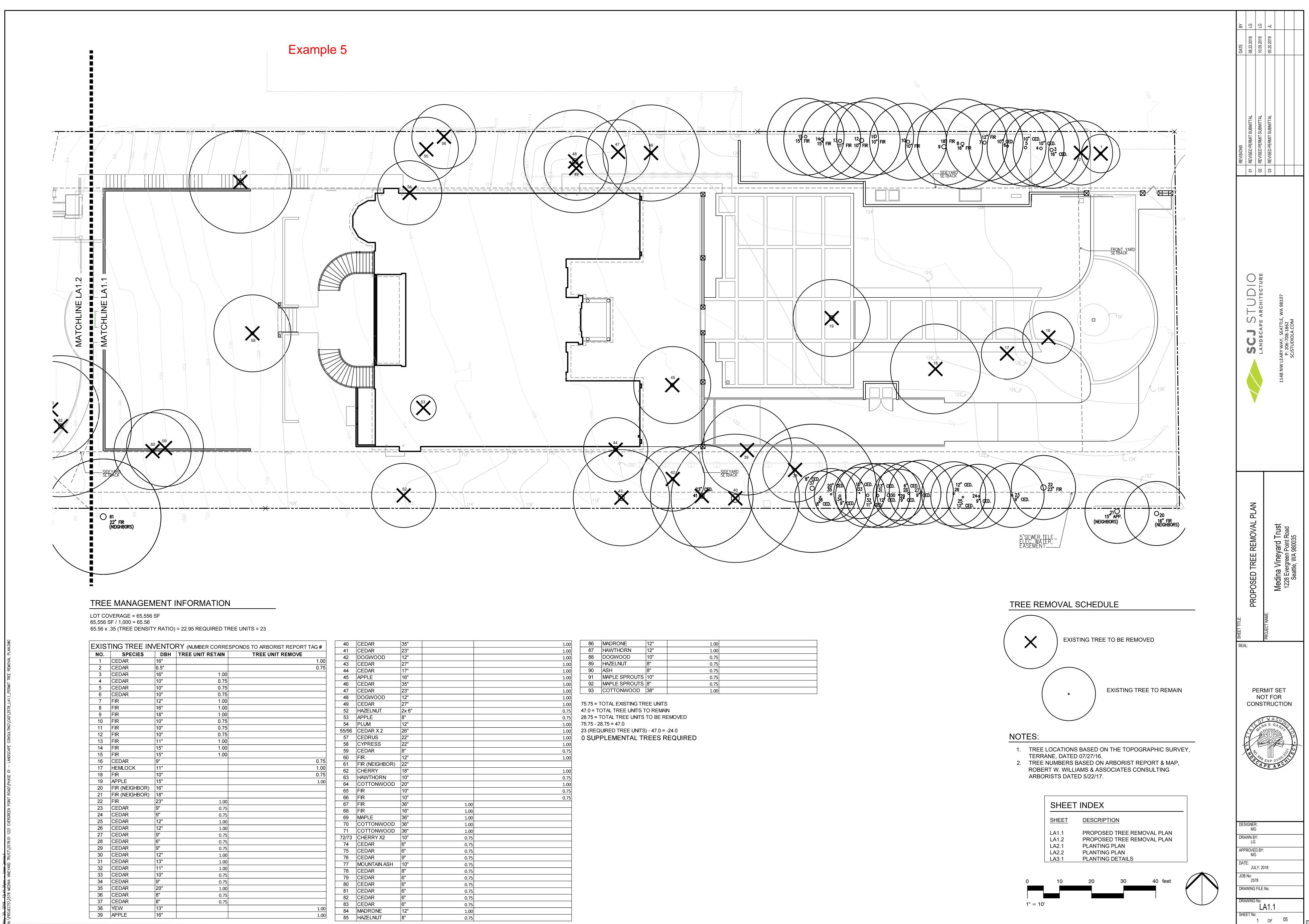
Drawn by:

ted

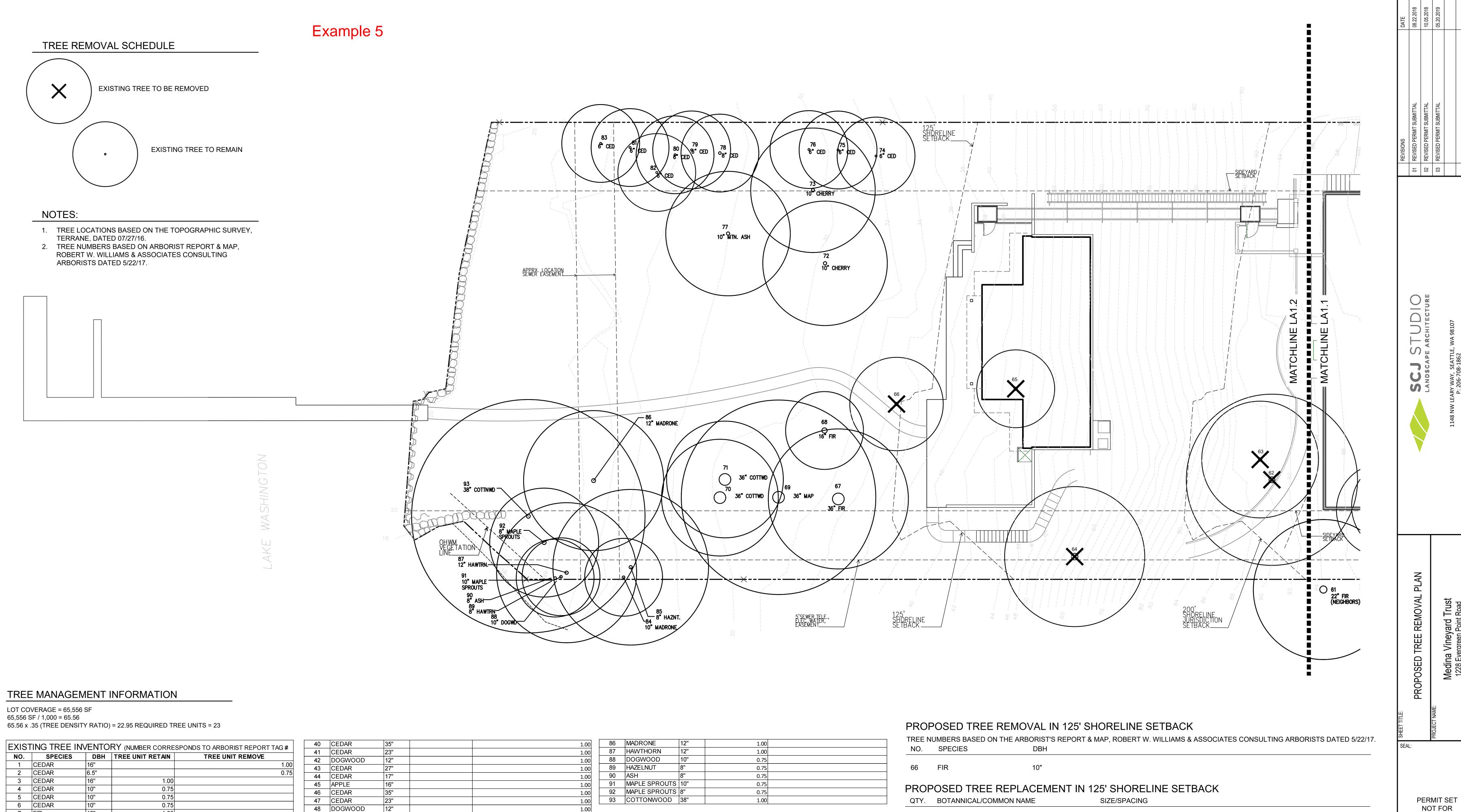
Engineer of Fecont:

Sheet A1.2a

Attachment F



AGENDA ITEM 2.1 Attachment F



NO .	SPECIES	DBH	TREE UNIT RETAIN	TREE UNIT REMOVE	I		40	DOOMOOD	400	
	CEDAR	16"			1.00			DOGWOOD	12"	
2	CEDAR	6.5"			0.75			CEDAR	27"	
3	CEDAR	16"	1.00					CEDAR	17"	
4	CEDAR	10"	0.75					APPLE	16"	
5	CEDAR	10"	0.75					CEDAR	35"	
6	CEDAR	10"	0.75					CEDAR	23"	
7	FIR	12"	1.00					DOGWOOD	12"	
8	FIR	16"	1.00					CEDAR	27"	
9	FIR	18"	1.00					HAZELNUT	2x 6"	
10	FIR	10"	0.75			-		APPLE	8"	
11	FIR	10"	0.75					PLUM	12"	
12	FIR	10"	0.75					CEDAR X 2	26"	
13	FIR	11"	1.00					CEDRUS	22"	
14	FIR	15"	1.00					CYPRESS	22"	
15	FIR	15"	1.00					CEDAR	8"	
16	CEDAR	9"	1.00		0.75			FIR	12"	
17	HEMLOCK	11"			1.00			FIR (NEIGHBOR)	22"	
18	FIR	10"			0.75			CHERRY	18"	
19	APPLE	15"			1.00			HAWTHORN	10"	
20	FIR (NEIGHBOR)	16"			1.00			COTTONWOOD	20"	
21	FIR (NEIGHBOR)	18"						FIR	10"	
22	FIR	23"	1.00					FIR	10"	
23	CEDAR	9"	0.75					FIR	36"	
24	CEDAR	9"	0.75					FIR	16"	
25	CEDAR	12"	1.00					MAPLE	36"	
26	CEDAR	12"	1.00					COTTONWOOD	36"	
27	CEDAR	9"	0.75					COTTONWOOD	36"	
28	CEDAR	6"	0.75					CHERRY X2	10"	
29	CEDAR	9"	0.75					CEDAR	6"	
30	CEDAR	12"	1.00					CEDAR	6"	
31	CEDAR	13"	1.00					CEDAR	9"	
32	CEDAR	11"	1.00					MOUNTAIN ASH	10"	
33	CEDAR	10"	0.75					CEDAR	8"	
34	CEDAR	9"	0.75					CEDAR	6"	
35	CEDAR	20"	1.00					CEDAR	6"	
36	CEDAR	8"	0.75					CEDAR	6"	
37	CEDAR	8"	0.75					CEDAR	6"	
38	YEW	13"	0.75		1 00	- 8		CEDAR	6"	
39	APPLE	16"	+		1.00			MADRONE	12"	
<u></u>	MITLE	110			1.00		85	HAZELNUT	8"	

<u> </u>	0 = 2 / " (1		1.00
45	APPLE	16"		1.00
46	CEDAR	35"		1.00
47	CEDAR	23"		1.00
48	DOGWOOD	12"		1.00
4 9	CEDAR	27"		1.00
52	HAZELNUT	2x 6"		0.75
53	APPLE	8"		0.75
54	PLUM	12"		1.00
55/56	CEDAR X 2	26"		1.00
57	CEDRUS	22"		1.00
58	CYPRESS	22"		1.00
59	CEDAR	8"		0.75
60	FIR	12"		1.00
61	FIR (NEIGHBOR)	22"		
62	CHERRY	18"		1.00
63	HAWTHORN	10"		0.75
64	COTTONWOOD	20"		1.00
65	FIR	10"		0.75
66	FIR	10"		0.75
67	FIR	36"	1.00	
68	FIR	16"	1.00	
69	MAPLE	36"	1.00	
70	COTTONWOOD	36"	1.00	
71	COTTONWOOD	36"	1.00	
72/73	CHERRY X2	10"	0.75	
74	CEDAR	6"	0.75	
75	CEDAD	6"	0.75	

1.00

75.75 = TOTAL EXISTING TREE UNITS 47.0 = TOTAL TREE UNITS TO REMAIN

28.75 = TOTAL TREE UNITS TO BE REMOVED

75.75 - 28.75 = 47.0

23 (REQUIRED TREE UNITS) - 47.0 = -24.0

0 SUPPLEMENTAL TREES REQUIRED

TSUGA MERTENSIANA 6' HT. MIN. MOUNTAIN HEMLOCK

SALIX LASIANDRA

PACIFIC WILLOW

TREES REQUIRED = 1

TREES PROVIDED = 3 EVERGREEN TREES REMOVED = 1

DECIDUOUS TREES REMOVED = 0

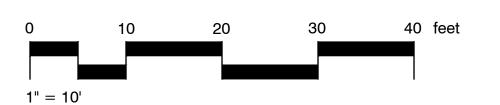
240 SF OF NATIVE RIPARIAN VEGETATION REQUIRED + 350 SF OF NATIVE RIPARIAN VEGETATION PROVIDED

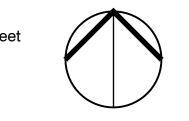
PROPOSED TREE REMOVAL IN 200' SHORELINE JURISDICTION

TREE NUMBERS BASED ON THE ARBORIST'S REPORT & MAP, ROBERT W. WILLIAMS & ASSOCIATES CONSULTING ARBORISTS DATED 5/22/17. NO. SPECIES

6' HT. MIN.

	OI LOILO	0011
62	CHERRY	18"
63	HAWTHORN	10"
64	COTTONWOOD	20"
65	FIR	10"



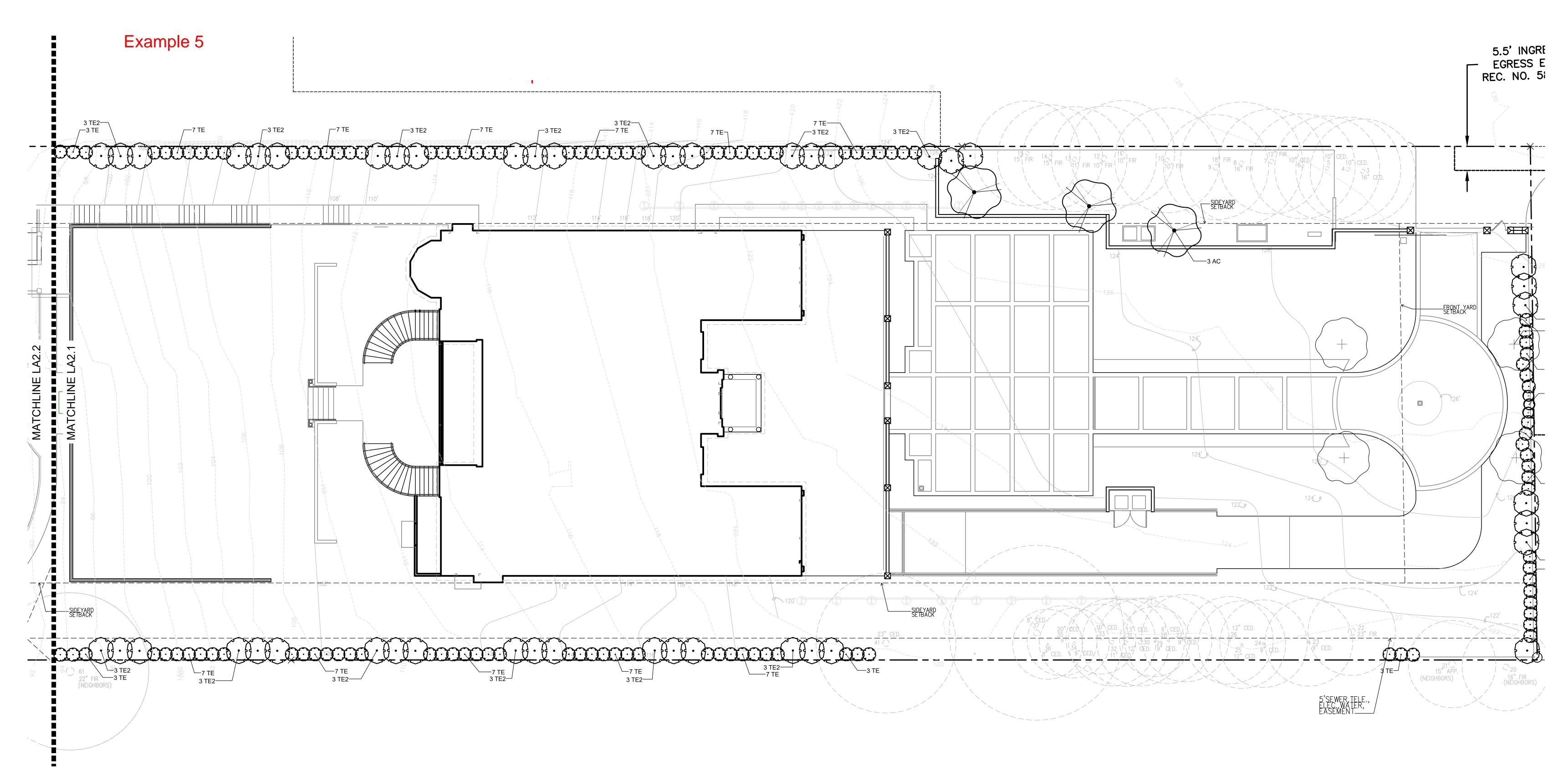


CONSTRUCTION

2 OF 05

AGENDA ITEM 2.1

Attachment F

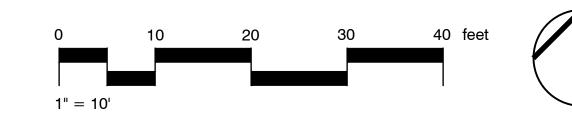


PL	ANT	SCI	HED	ULE	=

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CAL	SIZE	REMARKS
	AC	3	ACER CIRCINATUM VINE MAPLE	2.5" CAL.	B&B / CONT.	3 STEMS MIN. NATIVE & DROUGHT TOLERANT
+	СТ	3	CUPRESSUS SEMPERVIRENS 'TINY TOWER' TM TINY TOWER ITALIAN CYPRESS	6`-8` HT.	B&B / CONT.	SPECIMENS NON-NATIVE
+	LC	4	LAGERSTROEMIA INDICA 'NATCHEZ' NATCHEZ CRAPE MYRTLE	2.5" CAL.	10` HT. MIN.	3 STEMS MIN. SPECIMEN NON-NATIVE, DROUGHT TOLERANT
Erry O	TE	111	THUJA OCCIDENTALIS `EMERALD GREEN` EMERALD GREEN ARBORVITAE	B&B/CONT.	6`-8` HT.	SPECIMEN NATIVE & DROUGHT TOLERANT
	TE2	46	THUJA PLICATA `EXCELSA` WESTERN RED CEDAR	B&B/CONT.	6`-8` HT.	SPECIMEN NATIVE & DROUGHT TOLERANT

NOTES:

- 1. ALL TREES, DECIDUOUS & EVERGREEN, TO HAVE A 3'-0" DIA. MULCH RING. DECIDUOUS TREES TO BE STAKED, VERIFY STAKING OF POSSIBLE NEED TO STAKE EVERGREEN TREES W/L.A.
- 2. PROVIDE 6" DEPTH OF COMPOSTED MULCH PRODUCT AS AN AMENDMENT TO EX. SOIL IN SHRUB BED AT TOP OF ROCK BULKHEAD. INCORPORATE & EVENLY MIX INTO EX. SOIL TO A DEPTH OF 12" PRIOR TO PLANTING.
- 3. VERIFY METHOD OF STAKING WILLOW TREES SO THAT THEY HANG & GROW OVER THE ROCKERY TO PROVIDE HABITAT.
- 4. PROVIDE 2" MIN. DEPTH OF "SCREENED COMP MULCH" (SUCH AS, PACIFIC TOPSOIL'S SCREENED COMP MULCH) AS A TOPDRESSING IN SHRUB BEDS, TYP.
- 5. PLANTS TO MEET REQUIREMENTS FOR INTEGRATED RESTORATION & PERMITTING PROGRAM: 2 TREES FROM APPENDIX D, IRPP PLANT LIST REQUIRED. 2 TREES PROVIDED 2 DIFFERENT SHRUB SPECIES FROM APPENDIX D, IRPP PLANT LIST REQUIRED. 2 SHRUB SPECIES REQUIRED 1,000 SF OF BUFFER PLANTING REQUIRED, 1,463 SF PROVIDED, WIDTH OF PLANTING STRIP CAN BE NO LESS THAN 5'-0".



DESIGNER:

MG

DRAWN BY:

LG

PPROVED BY:

MG

DATE:

JULY, 2018

PERMIT SET

NOT FOR

CONSTRUCTION

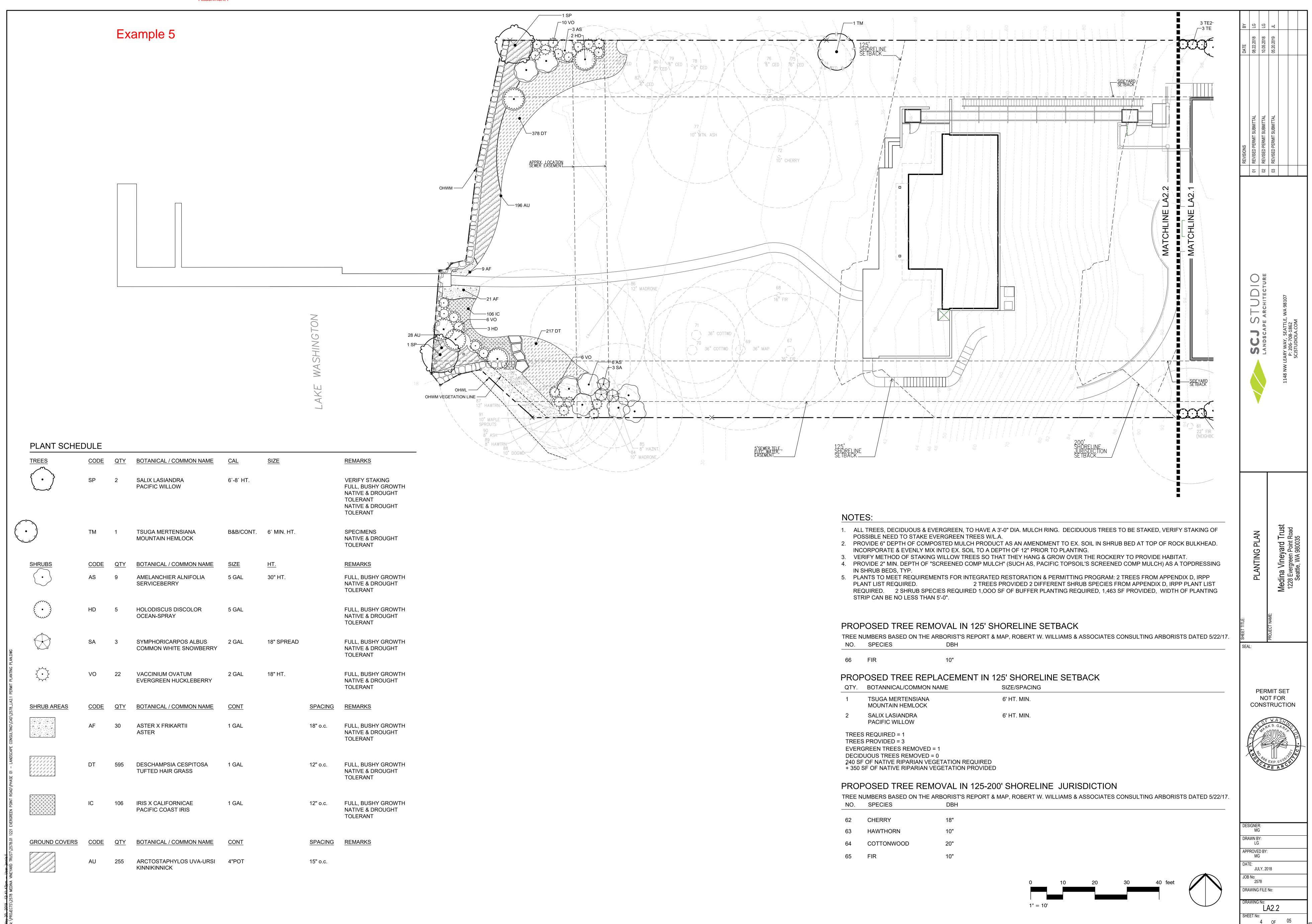
SCL

DRAWING No:
LA2.1

SHEET No:
05

1

Attachment F



Xref 2578_X-CIVIL.dwg

---|

Administrative Tree Activity Permit

Attachment F

Instructions: Complete	this form for the following:			
 The property is 	designated as under develop	ment (MMC 20.52.100)	
 Removal of any 	y significant tree on private pro	perty having a 6-inch	DBH and larger size	e that is not a legacy tree
		e property within 200 f	eet of the shoreline l	having a 6-inch DBH and larger size that is
not a legacy tre	ee			
 Removal of a h 	nazard tree from the city right-c	of-way		
New Application Supplemental	Staff Only Date Received:	1-29-20	Ву: [[Permit No.
		nformation		True-20 008
Property Address: 26				Check if tree is: Within 200 feet of shoreline
Tax Parcel No. 32623	0-0840			Within a critical area (Ch. 18.12 MMC
	ler	al Property Own	er Information	

CITY OF MEDINA
DEVELOPMENT SERVICES
425-233-6414
425-233-6400

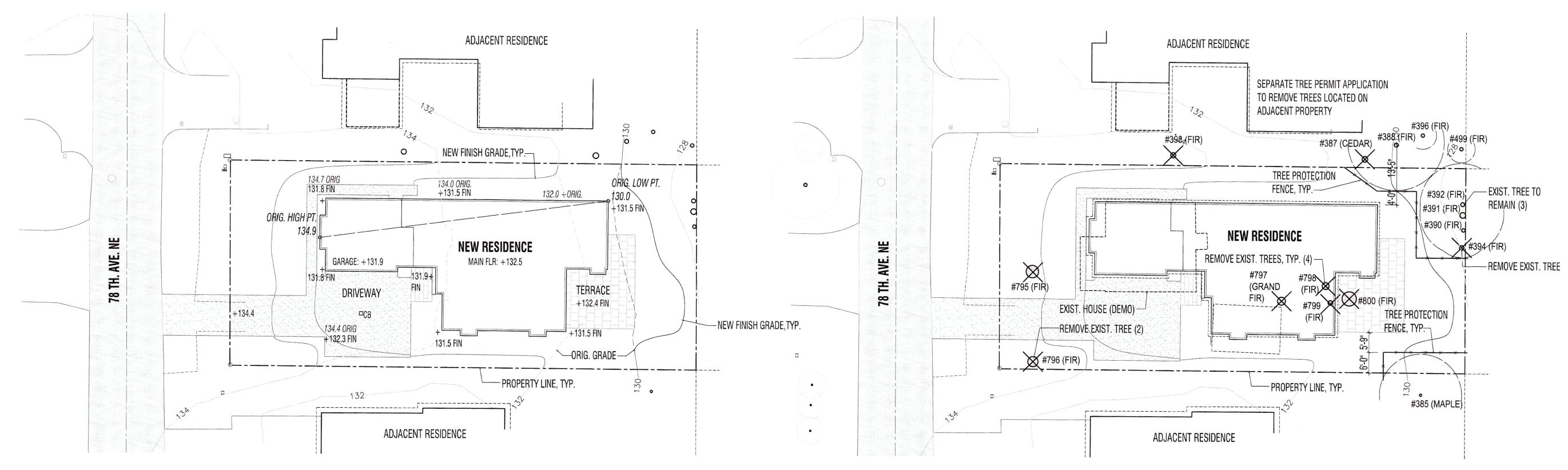
Tree Performance Worksheet

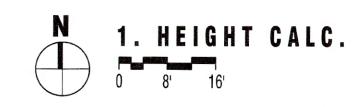
Attachment F T-01a

Instructions: Complete and attach this form to T-01 for the following: • The property is designated as under development pursuant to MMC 20.52.100												
		ne property is design he applicant is using								100	☐ New ☐ Revision	
STEP	1:	Inventory existing tree units	1 (Conduct an inve	ento	ry of all	significa	int tr	rees withi	n the bo	oundaries of the lot.	
No.		Tree				DBH	No.				Tree	DBH
1		(#390) Western	Red C	edar		10	7			(#79	7) Grand fir	29
2		(#391) Doug				17	8		114,14	(#798) Douglas fir	26
3		(#392) Doug			_	15	9) Douglas fir	17
4		(#394) Doug			_	16	10			(#800) Douglas fir	38
5 6		(#795) Doug			-	39	11 12					
O		(#796) Doug			50	33						
STEP	2:	Calculate Existing Tree Units									significant trees in eac ting Tree Units.	h range below
Α.		I number of trees at le es DBH	s at least 6 inches, but less than 10 $0 \times 0.75 = 0$						D. TOTAL EXISTIN (A + B			
В.	Tota	I number of trees 10 i	nche	s DBH and larg	er		10	Х	1.00 =	10	10	
C.	Tota	I number of conifer tre	es 5	0 inches DBH a	and	larger	0	X	1.25 =	0		
STEP	3:	Inventory removed trees		ist the signification and 7 (if application)			at are pro	pos	sed for rer	moval.	This information will be	e used in Step
No.		Tree				DBH	No.				Tree	DBH
394		Douglas	fir			16	798			Do	ouglas fir	26
795						39	799			America, and a		17
796		"			_	33	800			H	38	
797			- 1 -	Ca aslavilata Nia		29	Tara Hai	1 .	- 4 - 4 4	la a se Ala a		
STEP	4:	Calculate Net Existing Tree Units	ı								number of significant by the corresponding	
E.		I number of trees re		200명 : [185명] : [186명] 186명 186명 186명 - [186명 - 18	0		X 0.75	=			H. TOTAL TREE	7
		es, but less than 10 in			_		7. 0.1. 0				UNITS TO BE	•
F.	- 1000000000000000000000000000000000000	I number of trees re	move	ed 10 inches	7		X 1.00	=	7		REMOVED (F. F. F. C.)	
		and larger I number of conifer	troc	e 50 inches							(E+F+G)	mineral and the same at the sa
G.		and larger	uee	is 50 menes	0		X 1.25	=	0		I. Net Existing Tree Units	3
		Calculate Require	4 -	Γο calculate	Ren	uired 7	Tree Ur	nite	nerform	the	(subtract	
STEP	5:	Tree Units	The second second	calculations in J				mo,	ponomi	uno	H from D)	
	Lot /	Area (sq. ft.)		vide J by 1,000				Rati	io (check	one)	M. REQUIRED TREE	(round up)
J.	812	0	K.	8.12		L.	0.35 (resi	dential) e 20.52.1		LIMITE	3
STEP		Determine if Supplemental Tree are required	s	If the difference trees are received. If the difference trees are received.	nce quire nce	is zero ed.	or a po	sitiv	e numbe	er - stop	. No supplemental	N. O
See P	age 2	for Step 7 and for add	dition	al inventory tab	Pale							

Rev July 31, 2015

Example 6







Total number of significant trees	10
Total number of retained trees proposed	3
Total number of tree credits	10
Total number of retained tree credits proposed	3
Required tree density:8120/1000 = 8.12*.35	3
Required mitigation	0

Approved Medina Tree
Activity Permit Plan
07/30/2020

ONSITE TREES

Tom Early
Medina Tree Consultant

1	2	3	4	5	6		7	8	9		10				1		1	12
					Drip-					Propo	sed A	Action		RZ/TI Radius			s	e
#	Tree Tag #	Species ID	DBH (in)	Adj. DBH (in)	Adj. line Wind- OK in Defects/Comments		Defects/Comments	Viable a	Non-viable a	Remove a	N	W	E	S	Tree credits	Retained tree		
1	390	Western red cedar	10	10	8			OK	Suppressed canopy, typical of species	1	na Kilonga a sa		8	8	8	8	1	1
2	391	Douglas fir	17	17	12		Y	Fair	Self-corrected lean towards west, racoon poop @ base, dead wood, broken branches, asymmetric canopy towards east, typical of species	1			12	12	12	12	1	1
3	392	Douglas fir	15	15	12		Y	Fair	Previous top loss, asymmetric canopy towards east, low live crown ratio < 30%	1			12	12	12	12	1	1
4	394	Douglas fir	16	16	10			Poor	Velvet top conk @ root crown towards north, popping bark, previous top loss, dead wood, self-corrected lean towards north		1		10	10	10	10	1	
5	795	Douglas fir	39	39	27			OK	Abnormal bark, shedding bark, popping bark, carpenter ants bark only, woodpecker activity, previous wound calloused @ 25', slight lean towards north, vertical crack @ 3' up to 15', previous top loss? Elongated branches, exposed roots			1	27	27	27	27	1	
6	796	Douglas fir	33	33	18			OK	Co-dominant leaders with included bark x2 @ 60', typical of species, carpenter ants bark only, woodpecker activity			1	18	18	18	18	1	
7	797	Grand fir	29	29	21			OK	Typical of species	-		1	21	21	21	21	0	
8	798	Douglas fir	26	26	21			Fair	Free flowing sap, fill over crown, elongated branches, red ring rot, no taper, asymmetric canopy towards northwest, carpenter ants bark only, woodpecker activity, vertical crack @ root crown up to 3' towards north		1		21	21	21	21	0	
9	799	Douglas fir	17	17	15			Fair	Red ring rot, co-dominant canopy, low live crown ratio < 30%		1		15	15	15	15	0	
10	800	Douglas fir	38	38	22			Fair	Co-dominant leaders with included bark x2 @ 10', bulge @ root crown up to 3' towards south, free flowing sap, dead wood, broken branches, poor pruning with decay		1		22	22	22	22	1	

1 2		3	4	5	6	7 8		8	9		10			11		
			DBH (in)	Adj. DBH (in)	Drip- line radius (ft)	Wind- firm	OK in grove	Health			Proposed Action		CRZ/TPZ/LOD			
	T									Ret Remove		F	Radius in feet			
	Tree Tag #	Species ID							Defects/Comments	Viable	lon-viable	Remove	N	w	Е	s
1	387	Western red cedar	16	16	15 over fence			OK	Tag on fence, poor pruning with decay, lean towards west, thin canopy, typical of species	1	2		15	15	15	15
2	388	Douglas fir	13	13	6 over fence			OK	Tag on fence, low live crown ratio < 30%, previous top loss? Typical of species				6	6	6	6
3	396	Douglas fir	10	10	4 over fence		Υ	Fair	Tag on fence, thin canopy, previous top loss, low live crown ratio < 20%, co-dominant canopy		1		4	4	4	4
4	499	Douglas fir	13	13	4 over fence		Y	OK	Tag on fence, asymmetric canopy towards east, thin canopy, dead wood, broken branches, typical of species				4	4	4	4
5	398	Douglas fir	18	18	15			ÓK	Abnormal bark, shedding bark, carpenter ants bark only, thin canopy, low live crown ratio < 30%, no taper, typical of species	1			15	15	15	15
6	385	Japanese maple	14	14	12			Good	Tag on fence, moss and lichen, typical of species	1			12	12	12	12

SANDALL NORRIE ARCHITECTS

603 STEWART STREET, #711 SEATTLE, WASHINGTON 98101 dave@sandalinorrie.com 206.343.9538

7096 REGISTERED ARCHITECT

DAVID NORRIE STATE OF WASHINGTON

PROJECT:

2626 RESIDENCE

2626 78TH AVENUE NE. MEDINA, WA



ISSUE INFORMATION:

DESCRIPTION:

REVISION INFORMATION:

No: DESCRIPTION:

PRELIM PERMIT

No: DESCRIPTION:

DATE:

No: DESCRIPTION:

ATE:

No: DESCRIPTION:

No: DESCRIPTION:

ATE:

No: DESCRIPTION:

No: DESCRIPTION:

ATE:

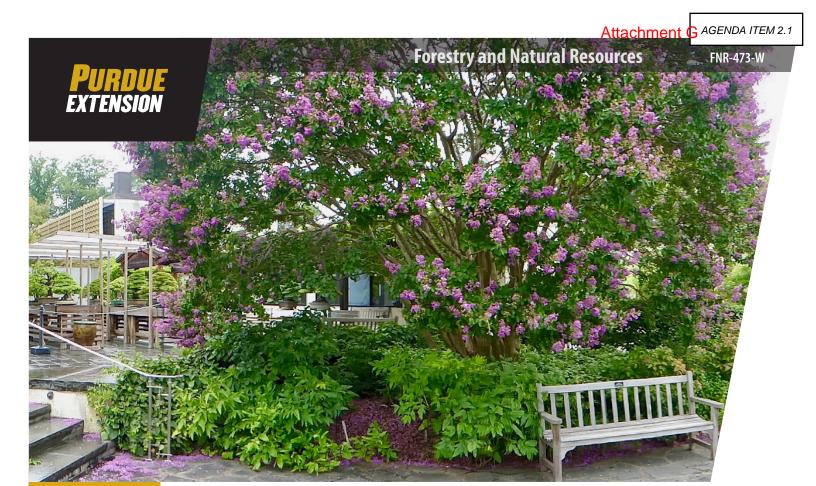
No: DESCRIPTION:

ATE:

No: DESCRIPTION:

ATE:

30 60 40



Author

Lindsey Purcell

RCA, BCMA

Urban Forestry Specialist,
Purdue University Department
of Forestry & Natural Resources

Contributor

Jeffrey Ling RCA, TPAQ Arborwise

www.fnr.purdue.edu

Tree Appraisal and the Value of Trees

Trees provide many benefits and great value to property owners in functional, aesthetic, social, environmental, and even economic ways. Functional benefits include mitigating climate change by storing carbon, removing pollution from the atmosphere, managing stormwater runoff, and improving air quality. Trees provide oxygen and many other benefits — such as shade, which can impact home cooling costs.

The collective value of trees makes a difference in people's health and quality of life in cities and towns everywhere. In fact, it is also possible to calculate the benefits provided by each individual tree in any landscape by visiting the MyTree website at https://mytree.itreetools.org/.

What is the value or worth of a tree?

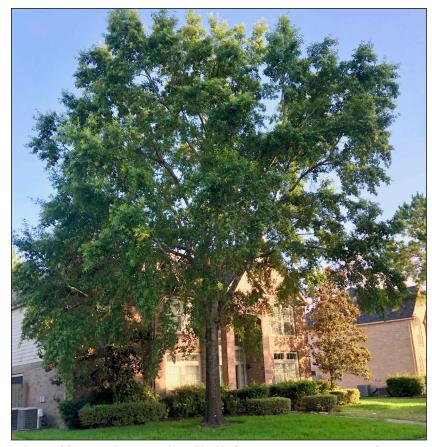
Value may be defined as the monetary worth of an item at a given time with the expectation of benefit. A dollar figure in a formal tree appraisal, which provides an estimate or approximate value, can quantify many of these benefits. However, a tree's

true worth may be judged by a sale or, in litigious situations, a court ruling.

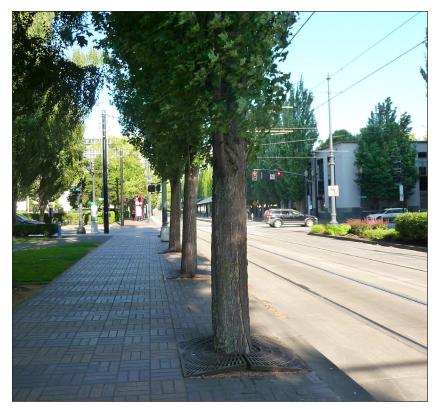
The valuation of trees and living landscape components requires training, expertise, and experience. Just like any real estate or professional appraiser, plant appraisers have the responsibility of assigning values and preparing to defend, explain, and support their results.

If you are pursuing tree valuation, you should retain the services of a qualified consulting arborist who can properly apply methods and techniques that best relate to your situation.

Three methods used to appraise trees and landscapes — Cost Approach, Income Approach, and Sales Comparison Approach — are described in the *Guide for Plant Appraisal*, 10th edition. Authored by the Council of Tree and Landscape Appraisers (CTLA), published by the International Society of Arboriculture, and endorsed by the major arboriculture and horticulture organizations, this guide represents a critical resource for sound plant valuation.



Evaluation of the structural integrity and overall health of trees is an important component of the appraisal process.



Determine the functional limitations of the tree and its interaction with site elements.

Why should a tree be appraised?

Tree appraisal assigns monetary importance to any tree on a site that is indicative of the tree's contribution to the site, especially when construction may affect plants on the property. Basically, an appraisal constitutes developing an opinion of value or cost of a site's landscape elements. An appraisal's purpose is defined by a client's needs, which may include unexpected losses, tort claims, insurance claims, tax deductions, real estate assessment, and proactive planning.

The best time to conduct an appraisal is prior to any incident with, or damage to, a tree. However, most appraisals occur *after* a tree has been removed or damaged. Such situations require additional investigation and might include a determination of pre-casualty value or comparative sampling on a local basis. Provided they are available, previous site records, tree assessments, site reviews, and even witnesses can help determine a tree's pre-damage condition.

After gathering every relevant fact, the appraiser determines the appropriate method of appraisal and provides an unbiased valuation. The appraiser should document all activities related to this process, from initiating client contact and establishing a tree's background information to inspecting a site, collecting data, and formulating a reasonable and defensible value.

One technique outlined in the *Guide for Plant Appraisal* is the Trunk Formula Technique (TFT), which appraises larger trees in the landscape within the Cost Approach. Used by professional appraisers, this technique extrapolates costs to purchase the largest commonly available nursery tree relative to the size of the appraised tree. This means the costs of a nursery tree can be proportionally increased to infer the cost of a larger tree. Small trees being appraised, less than 4 caliper inches or an 8-foot conifer, would be figured at retail cost.

The value based on the TFT application is a calculation generated by using unit tree costs. The unit tree costs required for this formula must be obtained either from local resources as determined by the consulting arborist or collected by the Regional Plant Appraisal Committee (RPAC). The RPAC is comprised of industry experts who are typically associated with their local chapter of the International Society of Arboriculture. This committee gathers data based on statewide information to determine unit costs for commonly available trees, the trees' obtainability, and their functional limitation in your area.



There may be external limitations outside the tree owner's control — such as the site location — that can affect tree value.

RPAC information and data is a baseline for species; it is the responsibility of the appraiser to determine tree species ratings and wholesale values based on availability in a region.

Ratings for common Indiana tree species can be found at the Indiana Arborist Association website (www.indianaarborist. org). Statewide surveys have determined that for the computations needed for cost techniques, the largest commonly available, transplanted deciduous tree would be 3.5 caliper inches with a unit tree cost of \$37.67.

Calculating a tree's value using the TFT begins with multiplying the cross-sectional area of the tree by the unit tree cost. To determine a tree's cross-sectional area, you must first calculate the tree's diameter at breast height (DBH). DBH is measured using a special diameter-measuring tape wrapped around the tree at 4.5 feet above the ground. In lieu of the special measuring tape, regular measuring tape can be used to determine circumference and that number divided by 3.14 to calculate DBH. Once the diameter is determined, divide by 2 to get the radius. Multiplying that number by the unit tree cost will then provide the overall basic cost.

For example: If a tree has a diameter of 20 inches, the computation would be $10 \times 10 \times 3.14$ — equaling 314 inches. Multiplying 314 by a unit cost of \$37.67 equals \$11,828, which is the overall basic cost. However, this is not necessarily the "value" of the tree. Additional factors will affect a tree's value, which is why a professional appraiser is recommended for an accurate value.



A diameter tape aids in calculating tree size.

Factors in Appraisals

Depreciation

Accurate appraisal values will reflect the application of depreciation factors. Professional appraisers use depreciation in their valuation process to justify differences in a new, "perfect" tree compared to the appraised tree. This will account for less-than-ideal tree characteristics, placement in the landscape, or the site it occupies. The three depreciation factors or variables include actual condition of the tree, functional limitations, and external limitations.

Condition

As it relates to a depreciation factor in tree valuation, "condition" refers to the assessment of overall tree health. Professional appraisers will assess a tree's vigor, looking for

the presence of pest issues and any stress symptoms. They also will consider the tree's structure and form — reviewing branch habits to determine if there is a strong, stable structure with good branch attachments and spacing and if the tree has a good form for its species. Each species has a typical genetic form, or "normal" traits, representative of its species. However, most trees are not normal or typical. See Table 1 for more information on rating the condition.

Functional limitations

Functional limitations applied as depreciation factors in tree valuation are primarily associated with the tree itself or the site on which it's located. These are factors that may limit future growth, development, and overall health. Site conditions and placement, such as proximity to utility lines, could limit full development due to necessary pruning for clearance. Professional appraisers will investigate any genetic limitations related to the genus and species itself. These include naturally poor branch systems, susceptibility to pests, or invasive tendencies as examples that would depreciate a tree's value.

External limitations

External limitations applied as depreciation factors in tree valuation include issues outside the control of the tree's owner that may affect sustainability, structure health, or tree form. One example of external limitations would be environmental circumstances such as water availability, issues with threats from pests, or utility vegetation management concerns where there are impending conflicts between power lines and a tree. Additionally, local ordinances, easements, or rights of ways may be factors that affect life expectancy.

When applying depreciation factors toward overall basic cost, a professional appraiser will assign a rating to each of these three depreciation categories: condition, functional limitations, and external limitations. The overall basic cost is multiplied by the determined value in each of these three categories to estimate the depreciated cost — the final functional reproduction value using the Trunk Formula Technique.



Properly placed trees can add value to your home and property.

The Trunk Formula Technique is only one method to appraise large trees. It is important to realize that estimates of a tree's value may not be proportionate to the value of a property or what would actually be paid for a tree. Studies estimate that trees may account for up to 15% of a residential property's value. Much lower values could result, given such other circumstances and factors as location.

For example: An ideal, mature sugar maple with a 24-inch diameter at breast height may be valued at more than \$15,000, but the home it resides next to may be worth \$35,000. This is an unrealistic tree value that is not reasonable in any professional appraisal situation. Legitimate appraisal values should be reasonable and defensible; this requires a knowledgeable, professional consulting arborist.

Tree Appraisal Scenario

Let's put the Trunk Formula Technique to work with an example for a typical suburban landscape.

Example

A residential site in an Indiana neighborhood has a sugar maple (*Acer saccharum*) on the front lawn, shading the front of the home. Measuring 14 inches at breast height, the tree is in good condition and in a proper location. The tree's owners wish to have it appraised to determine the value of the tree on their property.

The appraisal calculation method would be as follows:

- 1. Basic Reproduction Cost = CSA x UTC

 CSA = Cross-sectional area of the subject tree

 UTC = Unit tree cost, determined by the Regional Plant

 Appraisal Committee (RPAC) or local wholesale cost
- Depreciated Reproduction Cost = CR x F x E x BRC
 CR = Condition rating
 F = Functional limitations rating
 E = External limitations rating
 BRC = Basic reproduction cost
- 3. Total Additional Costs = cleanup, installation, maintenance

These other costs would be included if there is a loss that requires the removal of a tree and the installation of a new tree, along with post-planting care costs for a determined time.

- 4. Total Reproduction Cost = DRC + TAC

 DRC = Depreciated Reproduction Cost

 TAC = Total Additional Costs
- 5. Appraisal Value = Total Reproduction Cost rounded to the nearest thousand.



Tree appraisals must be reasonable and defensible.

Now, back to our example using the steps above:

- 1. Basic Reproduction Cost: 154" CSA x \$37.67 UTC = \$5,801
- 2. Depreciated Reproduction Cost: 1.0 CR x .80 F x 1.0 E x \$5,801 BRC = \$4,640
- 3. Total Additional Costs: \$0 (not applicable in this example)
- 4. Total Reproduction Cost: \$4,640 DRC + \$0 TAC = \$4,640
- 5. Appraisal Value: \$5,000 (TRC rounded to the nearest thousand)

Following the calculated steps, the reproduction value of the tree would be \$5,000.

This value is the reproduction cost of the tree if it were destroyed or lost. In other words, it is the cost to replace a tree with an exact replica.

As mentioned: Dependent upon appraisal situations, there are other approaches, methods, and techniques beyond the Trunk Formula Technique used to estimate costs and tree values. These alternative means may be found in the *Guide*

for Plant Appraisal, 10th edition. Arboricultural consultants should utilize the guide as a resource to develop a professional work product.

Summary and Resources

Tree appraisal is a professional service provided by consulting arborists. An appraiser may assume the role of mediator, arbitrator, consulting expert, or expert witness. In many situations, an appraisal might be disputed in a lawsuit. An appraiser should maintain professional liability insurance for litigation cost protection. This publication is for educational purposes only to provide an awareness of tree value. When an *expert* opinion is necessary — as for an insurance or legal claim — it is highly recommended that a tree owner consult with a professional arborist trained in current appraisal methodology.

For a list of professional arborists, consult the following online resources:

American Society of Consulting Arborists, Registered Consulting Arborist: https://www.asca-consultants.org/default.aspx

International Society of Arboriculture, Certified Arborist: https://www.treesaregood.org/findanarborist



Depreciation can be significant where overhead utilities are present.



Tree condition and form play a major role in depreciation of plant value.

Table 1. Condition Rating for Landscape Trees

This table is a general representation to assist in formula values. The tree condition ratings described below encompass factors of a tree's health, form, and above- and below-ground structure. Each tree can have any combination of the following health or structural issues, as well as others not mentioned. The expression of symptoms and signs is subjective. The appraiser should consider individual tree species characteristics and use existing circumstances as a reasonable scale to determine a tree's condition.

Condition	Tree Structure	Tree Health	Tree Form	Formula	
Rating	Consider root condition/formation, trunk condition, and branch assembly and arrangement.	Consider crown indicators — including vigor, density, leaf size, quality, and stem shoot extensions.	Consider the general shape and overall form.	Values	
Excellent	Root plate undisturbed and clear of any obstructions. Trunk flare has normal development. No visible trunk defects or cavities. Branch spacing/structure and attachments are free of any defects.	Perfect specimen with excellent form and vigor, along with a well-balanced crown. Trunk is sound and solid. No apparent pest problems. Normal to exceeding shoot length on new growth. Normal leaf size and color. Exceptional life expectancy for the species.	Ideal tree for that species, including shape and canopy symmetry, health, and density. Outstanding function on the site or location.	1.090	
Good	Root plate appears normal, with only minor damage. Possible signs of root dysfunction around trunk flare. Minor trunk defects from previous injury, with good closure and less than 25% of bark section missing. Good branch habit; minor dieback with some signs of previous pruning. Codominant stem formation may be present, requiring minor corrections.	Imperfect canopy density in 10% or less of the tree. Lacks natural symmetry. Less than half the normal growth rate and minor deficiency in leaf development. Few pest issues or damage, and controllable if present. Normal branch and stem development with healthy growth. Typical life expectancy for the species.	Nearly ideal tree for that species, including shape and canopy symmetry, health, and density. Functions well on the site or location.	.9075	
Fair	Root plate reveals previous damage or disturbance. Dysfunctional roots may be visible around the main stem. Evidence of trunk damage or cavities, with decay or defects present and less than 30% of bark sections missing on trunk. Co-dominant stems are present. Branching habit and attachments indicate poor pruning or damage, which requires moderate corrections.	Crown decline and dieback up to 30% of the canopy. Poor overall symmetry. Leaf size smaller and color somewhat chlorotic. Shoot extensions indicate some stunting and stressed growing conditions. Obvious signs of pest problems contribute to a lesser condition. Some decay areas found in the main stem and branches. Below-average life expectancy for the species.	Acceptable tree for that species. Tree shape and symmetry are adequate, with some substantial asymmetry in shape and canopy form. May have considerable concerns for its use and function on the site or location.	.7550	
Poor	Root plate disturbance and defects indicate major damage, with girdling roots around the trunk flare. Trunk reveals more than 50% of bark section missing. Branch structure has poor attachments, with several structurally important branches dead or broken. Canopy reveals signs of damage or previous topping or lion-tailing, with major corrective action required.	Lacking a full crown, with more than 50% decline and dieback that especially affects larger branches. Stunting obvious, with little evidence of growth on smaller stems. Leaf size and color reveals overall stress in the plant. Insect or disease infestation may be severe. Extensive decay or hollow characteristics. Low life expectancy for the species.	Poor tree for that species. Highly irregular canopy shape and undesirable form make it unattractive and dysfunctional on the site or location.	.5030	
Very Poor	Severe damage within the root plate and root collar exhibits major defects that could lead to tree death or failure. A majority of the bark or trunk is affected, either decayed or missing. Branching is extremely poor or severely topped, with severe dieback in canopy. Little or no opportunity for mitigation of any tree parts.	More than 70% of the canopy is in severe decline or dead. Canopy density is extremely low, with chlorotic and necrotic tissue dominating the canopy. Severe decay in the trunk and major branches. Root plate damage with a majority of roots damaged, diseased or missing. Very low life expectancy for the species.	Disagreeable tree for that species, with highly diminished function and aesthetic appeal on the site or location.	.3010	
Dead				.10 or less	

Nov. 2019

It is the policy of the Purdue University Cooperative Extension Service that all persons have equal opportunity and access to its educational programs, services, activities, and facilities without regard to race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability or status as a veteran.

Purdue University is an Affirmative Action institution. This material may be available in alternative formats.





MEDINA, WASHINGTON

AGENDA BILL

Tuesday, September 21, 2021

Subject: Comp Plan 101

Category: Discussion

Staff Contact(s): Stephanie Keyser, Planning Manager

Summary

The Growth Management Act requires Comprehensive Plans to be updated at least every eight-years during a mandatory periodic review cycle. The city will begin its update in 2022 to meet the July 1, 2024 deadline. To begin to prepare Council and Planning Commission on the upcoming update, staff has prepared a *Comp Plan 101* presentation.

Attachment(s) None

Budget/Fiscal Impact: N/A

Recommendation: N/A

City Manager Approval: N/A

Proposed Council Motion: N/A

Time Estimate: 15 minutes



MEDINA, WASHINGTON

AGENDA BILL

Tuesday, September 21, 2021

Subject: 2021-2022 Proposed Planning Commission Work Plan

Category: Discussion

Staff Contact(s): Stephanie Keyser, Planning Manager

Summary

Every year, in collaboration with Planning Commission and staff, the City Council adopts a work plan that identifies a set of issues for Planning Commission to advise Council on. To provide a comprehensive snapshot, the work plan includes tasks that are currently being worked on, the subsequent issues that will be discussed, and the timing of the City's next mandated updates. Where it makes sense, as Planning Commission works through the plan, related and overlapped topics will be combined to better inform the synthesis of analysis or code update.

Although adopted yearly, the work plan should be thought of as a dynamic document that can and will be changed as needed if priorities shift or new legislation requires action by the city.

Attachment(s) Proposed 2021-2022 Planning Commission Work Plan

Budget/Fiscal Impact: N/A

Recommendation: Approve

City Manager Approval: N/A

Proposed Council Motion: Move to approve the 2021-2022 Planning Commission Work Plan

Time Estimate: 15 minutes

TASK		ORIGIN/RANKING	% Complete	Start	Due/End Date				
FUTURE POLICIES, PLANS & REGULATIONS									
Shoreline Master Program (SMP) periodic review - Mandatory	П	Staff/Begin 2026		2026	Next update due 2028				
ENVIRONMENTAL/SUSTAINABILITY									
Tree Code Regulations (Limited Scope: Focus on new construction/redevelopment)		CC/1	85%	Oct. 2020	PC Public Hearing - Oct. 19; CC Public Hearing - Nov. 8; CC tentative adoption Dec. 13				
Tree Code Enforcement - re: survival of supplemental trees	П	PC, CC/2		Summer 2021	Dec-21				
POLICIES, PLANS & REGULATIONS									
Permanent Supportive and Transitional Housing	П	Staff/3		Oct./Nov. 2021	Feb-22				
Comprehensive Plan Periodic Review - Mandatory		Staff, CC/4		Dec. 2021	June 30 2024				
BULK REGULATIONS									
Alternatives to Original Grade		Staff, PC/5		Jan./Feb. 2022	2022				
Analysis and strategic review of commuter parking	Ш	Staff, CC/6		2023	2023				

Timing and budget notes

needed **Future Tasks - Mandatory Deadline** Shoreline Master Program This task involves updating the Shoreline Master Program Anticipated start should be no later Update SMP to be compliant with Next mandated upate is Period Review (SMP), which manages shoreline resources and development than 2026 to meet 2028 deadline. changes in the laws, rules and due in 2028. Suggested in Medina, to comply with the Shoreline Management Act, applicable updated guidance that has start no later than 2026. State Shoreline Master Program Guidelines and best been adopted since 2019. practices for shoreline protection. Update to ensure consistency between the SMP and the rest of Medina's Code. **Current Working Tasks ENVIRONMENT Tree Code Regulations** 1. Review tree retention and Medina's sylvan nature is something that distinguishes it Staff: The first step will be to examine We will be The initial deliverable from PC to CC PC Public Hearing - Oct. 19; replacement requirements for from the surrounding jurisdictions and contributes to its highthe retention and replacement utilizing our would be a high-level CC Public Hearing - Nov. 8; CC tentative adoption Dec. new single-family quality residential character. Recent projects have requirements for lots undergoing existing recommendation regarding changes construction (land under demonstrated a deficiency in the tree code regarding new redevelopment. consultants to to the retention and replacement development) construction. This task would only review the sections of the help with this requirement in the tree code for new tree code that relate to new single-family site single-family development (MMC redevelopment. 20.52.110) and/or the minimum performance standards for land under development (MMC 20.52.130). The initial deliverable from PC to CC 2. Review the enforcement Although the tree code requires supplemental trees to Staff: The first step will be to examin We will be Anticipated PC part of the tree code. survive for five years after planting, there is currently not a how surrounding cities utilize tree utilizing our would be a high-level recommendation by specifically as it relates to the process that oversees this. Coupled with homeowner code enforcement. existing recommendation regarding December 2021 or January survival of supplemental trees turnover, supplemental trees are often unknowningly cut implementing tree code enforcement 2022 consultants to down (due to their small size) or left to die. This task would help with this for supplemental trees. consider ways to ensure the survival and/or tracking of supplemental trees by examining what other cities do and ensuring that whatever is proposed can be funded (if applicable) and enforced. WA LAW / MANDATORY **Updates to WA Law** 3. Permanent supportive and The legislature has mandated that in every zoning district Staff: The scope of what the city can Staff will work The deliverable will be a proposed Anticipated where single-family residential is permitted (in Medina that's transitional housing do is limited, however some cities with the city amendment to the code that includes recommendation by February 2022 at the latest every zoning district), cities now must allow permanent have already adopted provisions that attorney an update to the use table, new supportive and transitional housing. Although these cannot we can similarly consider. definitions, and additional minor be prevented from coming into the city, there are certain requirements. guard rails that the city may adopt to limit potential impacts. **Periodic Review (Mandatory)**

Requests to Staff

Outside experts/ Deliverable

consultants

Item

Description

4. Comprehensive Plan 2024 Periodic Review	This will be a total update of the existing Comprehensive Plan and will require coordination between Council, Planning Commission, Park Board, and residents. The process will include on-going public participation opportunities and outreach with the goal of hearing from as many stakeholders as possible. Comp Plan updates are a lengthy process which is why we will be starting early.	Medina's residential and non- residential stakeholders as well as	Yes	community vision statement and serve as a roadmap for development in the city over the next twenty years (there are periodic updates	Comp Plan grants are anticipated to open up in the summer of 2022. In the meantime, the city will be applying for a grant to do a Housing Action Plan which will cover a portion of the requirements of the Comp Plan Housing Element. The Comp Plan is due by June 30, 2024
MISCELLANEOUS 5. Alternatives to Original Grade	Medina measures height from original grade. This is an imperfect process that requires a Geotech to take samples of the earth and analyze them to determine where on the lot original grade is. Because this is an imperfect science, different experts can reach different determinations of original grade. Over the years the conversation of finding an alternative to original grade has been discussed, most recently while Planning Commission was discussing bulk. This work plan item would be a study of the methods surrounding cities use to measure height by taking previously submitted applications from lots of varying topographies throughout the city and determining what the maximum height would be.	measure height. The analysis will include taking previously submitted applications from lots of varying topographies throughout the city and determining what the maximum height would be under these	We will utilize our existing consultants to help with this	The deliverable will be a suggested update to the method for measuring height.	Begin early 2022
6. Analysis and strategic review of commuter parking	This would be a review of the impacts that commuter parking (both to utilize the 520 park-n-ride and to park-and-bike) has on surrounding neighborhoods; specifically going block-by-block to analyze the impacts the increased vehicle traffic is having on the neighborhoods.	Staff: This analysis would involve establishing an impacted buffer and conducting the analysis inside of that buffer over multiple days/weeks and multiple times of day	The study itself would be 100% consultant driven; proposed amendments to the code once the study was fnished would be done by Planning Commission	The initial deliverable would be a study/report outlining the impacts that commuter parking has on the surrounding neighborhoods.	Begin 2023 pending available funding