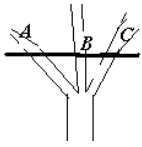


# Guidelines for Demonstrating Conformance with Tree Protection Standards

**Measuring Trees (DBH): Single-Trunk Trees.** Trees are measured according to their **Diameter at Breast Height**, or "DBH". "DBH" is the diameter, measured straight across the tree trunk at 4.5' above grade.



**Multi-Trunk Trees.** Where trees have more than one trunk or stem at 4.5' and those stems come from the same "base", the DBH for each stem at 4.5' is measured. The DBH is then the **average** of the DBHs of each the stems at 4.5' above the ground.

Example: In the picture to the left, where the horizontal dark line is at 4.5' high, the DBH would be the **average** of the diameters of A, B, & C. So, **DBH = (DBH<sub>A</sub> + DBH<sub>B</sub> + DBH<sub>C</sub>)/3**

**Tree Retention Table:** Required for Tree Preservation Plan (**Page 5**) **and** Tree Health Assessment.

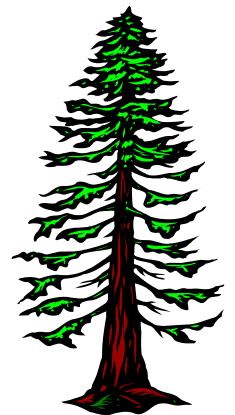
Tree Retention Table				
Tree Type	Removal	Impacted	Retained	Total
<b>Landmark (&gt;30" dbh)</b>	Number of removed landmark	Number of impacted landmark	Number of retained landmark	Total Landmark Trees
	% of Removed Landmark Trees of All Trees	% of Impacted Landmark Trees of All Trees	% of Retained Landmark Trees of All Trees	% Landmark Trees of All Trees
<b>Significant (6" - 30")</b>	Number of removed significant	Number of Impacted significant	Number of Retained significant	Total Significant Trees
	% significant removed of all significant trees	% Impacted of all significant	% Retained of all significant	% Significant Trees of All Trees
<b>Totals</b>	Number of Landmark + Significant Removed	Number of Landmark + Significant Impacted	Number of Landmark + Significant Retained	Total Number of ALL Trees
	% of removed of all Trees	% of Impacted of all Trees	% of Retained of all trees	
<b>Replacement Trees</b>	# of Replacement Trees Required	N/A	N/A	

## Tree Health Assessment Checklist:

*This may be used for determining completeness and compliance review.*

Shall document (1) the trees on site and (2) any off site trees that will be impacted by clearing or other improvements within 5 feet of its drip line. At a minimum, the arborist's report shall:

- Contact: For additional information regarding these guidelines, please contact the City of Redmond's Department of Planning and Community Development at [PlannerOnCall@redmond.gov](mailto:PlannerOnCall@redmond.gov) or your assigned project planner.
- Regulations Summary: summarize the regulations related to tree preservation in the City of Redmond. For more information, please refer to RZC Chapter 21.72 Tree Preservation.
- Describe the site in narrative and provide an aerial or site plan documenting the locations of tree stands.
- Describe the methodology, which must be considered the best of available science, that was used to rate each and every tree. Describe how trees were tagged in the field.
- Document per the Tree Data Table Templates on sheet **3** for all trees of 6" or greater in dbh.
- Provide a surveyed map locating each tree, numbering each tree with its identification number, illustrating each tree's dripline, and illustrating 5' from each tree's dripline.
- Include a narrative on how the proposal minimizes impacts on trees, including alternative site layouts explored.
- Recommend code compliant actions for impacted trees and general management, as appropriate.
- Provide a map illustrating the locations of replacement trees.
- Tree Retention Table.
- Include photos of all landmark trees determined to be "Dead or Dying"/ non-significant.
- Include additional photos as needed for supportive context.
- Provide an exception request for any proposed action that would not comply with the tree protection standards, such as: removing a healthy landmark tree or having a retained tree count below the required 35%.



# Tree Data Table Templates for Tree Health Assessment Reports

On-Site Tree Health Assessment Table										
Tree Number Starting at #1	Evergreen or Deciduous	Specific Tree Species	DBH	Healthy	Fair	Dead or Dying	Photo #	Meets Significant Tree Classification?	Meets Landmark Tree Classification?	Notes
				If greater than 6" DBH, considered Significant Tree			If photo of tree provided			
1	<i>Evergreen</i>	<i>Doug Fir</i>	22"		X	<i>example</i>	P1	Yes	No	<i>Tree has some lean but in otherwise good health.</i>

Total On-site Trees Assessed	
Total On-site Significant Trees	
Total On-Site Landmark Trees	

Off-Site Tree Health Assessment Table										
Tree Number Starting at #A	Evergreen or Deciduous	Specific Tree Species	DBH	Healthy	Fair	Dead or Dying	Photo #	Meets Significant Tree Classification?	Meets Landmark Tree Classification?	Notes
				If greater than 6" DBH, considered Significant Tree			If photo of tree provided			
A	<i>Evergreen</i>	<i>Mnt Pine</i>	18"			<i>example</i>	P.A	No	No	<i>Tree is rotting and broken</i>

Total On-site Trees Assessed	
Total On-site Significant Trees	
Total On-Site Landmark Trees	

On-Site Retained Tree Table										
Tree Number Starting at #1	Evergreen or Deciduous	Specific Tree Species	DBH	Healthy	Fair	Dead or Dying	Photo #	Meets Significant Tree Classification?	Meets Landmark Tree Classification?	Notes
				If greater than 6" DBH, considered Significant Tree			If photo of tree provided			
1	<i>Evergreen</i>	<i>Doug Fir</i>	22"		X	<i>example</i>	P1	Yes	No	<i>Tree has some lean but in otherwise good health.</i>

Total Proposed for Retention:	
Total Significant Trees (6"-29"):	
Total Landmark Trees (30"+):	


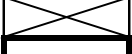



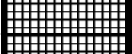


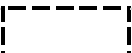

**On-Site Removed Tree Table**

Tree Number Starting at #1	Evergreen or Deciduous	Specific Tree Species	DBH	Healthy	Fair	Dead or Dying	Photo #	Meets Significant Tree Classification?	Meets Landmark Tree Classification?	Landmark Exception Request Required?	Notes
				If greater than 6" DBH, considered Significant Tree			If photo of tree provided			If so, Exception Request(s) must be provided with report	
1	Evergreen	Doug Fir	22"		X		<i>P1</i> <i>example</i>	Yes	No	No	Tree has some lean but in otherwise good health.
5	Deciduous	ponderosa	39	X			P5 & P5.1	Yes	Yes	Yes	See attached letter.



<b>Total Removals Requested:</b>	
<b>Total Significant Trees (6"-29"):</b>	
<b>Total Landmark Trees (30"+):</b>	

# Tree Preservation Plan Standardized Symbols & Landscape Plan Replanting Schedule Table Templates

## Tree Preservation Plan Standardized Symbols

Symbol with tree number next to.	
Sig Retained	
Sig Removed	
LM Retained	
LM Removed	
Sig Impacted	
LM Impacted	
Sig Transplanted	
LM Transplanted	
	to be shown in original location and Transplant location w/ callout
	to be shown in original location and Transplant location w/ callout
Trees Not Significant or Landmark	
Retained	
Removed	

## Landscape Plan Replanting Schedule Table Templates

Replacement Tree Plantings									
Unique Symbol	Evergreen or Deciduous	Species Type	QTY	DBH (inches)	Height (feet)	Native	Non-Native	Adaptive	Drought Tolerant
	<i>Evergreen</i>	<i>Doug Fir</i>	8	3"	6'	X			X
<b>Total Replacement Trees</b>			<b>8</b>						
Non- Replacement Landscape Tree Plantings									
Unique Symbol	Evergreen or Deciduous	Species Type	QTY	DBH (inches)	Height (feet)	Native	Non-Native	Adaptive	Drought Tolerant
	<i>Evergreen</i>	<i>Doug Fir</i>	24	3"	6'	X			X
<b>Total Non-Replacement Trees</b>			<b>24</b>						