

Tree Appraisal Table																					
ID #	Common Name Genus species	Diameter Inches @ stump height	Estimated DBH based on comparison tree ratio	Trunk Area pi x (1/2 x diameter) ² (Sq. In.)	Replacement Tree Diameter (Sq. In.)	Replacement Tree Trunk Area (Sq. In.)	Trunk Area Diff. (Sq. In.)	Basic Price (\$/Sq. In.)	Basic Value x Area Difference (\$*Sq. In.)	Replacement Cost (\$)	Basic Value Including Replacement Cost	Species Rating (%)	Basic Value X Species Rating (\$)	Condition Rating (%)	Basic Value X Condition Rating (\$)	Site (%)	Contr. (%)	Place (%)	Location Rating (%)	Value X Crown Contribution (\$)	Tree Value (\$)
1	Western red cedar	44"	35.3	979	3	7	972	\$60.00	\$58,320.00	\$380.00	\$58,700.00	90	\$52,830.00	60	\$31,698.00	0.8	0.7	0.6	0.7	\$22,188.60	\$22,189
2	Western red cedar	16.5"	13.2	137	3	7	130	\$60.00	\$7,800.00	\$380.00	\$8,180.00	90	\$7,362.00	70	\$5,153.40	0.8	0.7	0.6	0.7	\$3,607.38	\$3,607
3	Western red cedar	42.7"	34.2	919	3	7	912	\$60.00	\$54,720.00	\$380.00	\$55,100.00	90	\$49,590.00	85	\$42,151.50	0.8	0.7	0.6	0.7	\$29,506.05	\$29,506

Basic Tree Cost is calculated using the "base price" for a conifer or deciduous tree, as provided by the Pacific Northwest International Society of Arboriculture (Pacific Northwest ISA), multiplied by the area in square inches of a cross-section of the tree. The area of the cross section is calculated using the formula pi x (1/2 x diam

The Current Base Price for conifers is \$60 per square inch and the current base price for deciduous trees is \$72 per square inc

Species Rating is the factor assigned to a given tree species, based on the value given in the publication 2007 Species Ratings for Landscape Tree Appraisal, 2nd Edition published by the Pacific Northwest I

Condition Rating is a rating of a tree's structural integrity and health

\$55,302