

Tree Health/Condition Factors
AAPS Lawton Elem

In evaluating landmark or woodland trees, to determine the necessity for mitigation if proposed for removal or disturbance, the following chart may be used for each tree. Evaluate each tree for each condition or factor listed on the left; enter the number in the space on the right. Use a descending value from the best (5) to the worst (1) - half points can be used. Total the six ranks to score the tree's condition.

Tree I.D. (number, etc.) 804 Genus Quercus Species alba DBH 37 inches

Values: (Best) 5 4 3 2 1 (Worst)

CONDITION/ FACTOR				RANK	
Trunk	Sound & solid	Sections of bark missing	Extensive decay & hollow	4	
Growth Rate	> 6-inch twig elongation	2-6 inch twig elongation	< 2-inch twig elongation	3.5	
Structure	Sound	One major or several minor limbs dead	Two or more major limbs dead	4	
Insects & Diseases	No pests present	One pest present	Two or more pests present	3	
Crown Development	Full & balanced	Full, but unbalanced	Unbalanced & lacking a full crown	3.5	
Life Expectancy	> 35 years	25 - 15 years	14 - 6 years	< 5 years	4
TOTAL				*22	

Comments: Nice tree within playground area. Full canopy and roots seem to have adjusted to the rubber retaining wall that was placed around the tree. Assume this was completed as a part of the playground construction.

* A TOTAL score of 16 points equals 50 percent health/condition. Any landmark or woodland tree with a score of 16 or higher which is proposed to be removed, or any landmark tree where disturbance is proposed within ten feet of the trunk, requires mitigation in accordance with Chapter 57, Subdivision and Land Use Control, Section 5:127(d).



Completed By: Ron Ford Date: 6/28/2024

ISA Certified Arborist Number: MI-4004A

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Tree I.D. (number, etc.) 796 Genus Salix Species babylonica DBH 51 Inches

Values: (Best) 5 4 3 2 1 (Worst)

CONDITION/ FACTOR				RANK	
Trunk	Sound & solid	Sections of bark missing	Extensive decay & hollow	2.5	
Growth Rate	> 6-inch twig elongation	2-6 inch twig elongation	< 2-inch twig elongation	2	
Structure	Sound	One major or several minor limbs dead	Two or more major limbs dead	2	
Insects & Diseases	No pests present	One pest present	Two or more pests present	2.5	
Crown Development	Full & balanced	Full, but unbalanced	Unbalanced & lacking a full crown	2	
Life Expectancy	> 35 years	25 - 15 years	14 - 6 years	< 5 years	4
TOTAL				*15	

Comments: Main leader and canopy are dead on this tree and have become a hazard with the sidewalk in such close proximity. Heavy decay detected on the east side of the truck using the pounding method. Willows are hard to kill and this tree could live for some time in some form.

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Tree I.D. (number, etc.) 794 Genus Populus Species deltoides DBH 40 Inches

Values: (Best) 5 4 3 2 1 (Worst)

CONDITION/ FACTOR				RANK	
Trunk	Sound & solid	Sections of bark missing	Extensive decay & hollow	3.5	
Growth Rate	> 6-inch twig elongation	2-6 inch twig elongation	< 2-inch twig elongation	3	
Structure	Sound	One major or several minor limbs dead	Two or more major limbs dead	3	
Insects & Diseases	No pests present	One pest present	Two or more pests present	3	
Crown Development	Full & balanced	Full, but unbalanced	Unbalanced & lacking a full crown	3	
Life Expectancy	> 35 years	25 - 15 years	14 - 6 years	< 5 years	3.5
TOTAL				*19	

Comments: Fairly healthy tree, although the exposed roots on the south side have mowed damage. These roots show signs of decay which may weaken the structure of the tree.

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