

Tree Health/Condition Factors

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.) 6516 Genus Juglans Species nigra DBH 18 inches

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

CONDITION/ FACTOR				RANK	
Trunk	Sound & solid	Sections of bark missing	Extensive decay & hollow	3	
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	2	
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	2	
Life Expectancy	> 35 years	25 - 15 years	14 - 6 years	< 5 years	2
TOTAL				*15	

Comments: Canopy is at 15% +- with dead scaffold branches throughout. South side of truck sounds hollow which indicates decay and signs of peeling bark. Native tree to Michigan and is a hazard due to parking area and sidewalks below.

* 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: 8/7/2024

ISA Certified Arborist Number: MI-4004A

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Tree I.D. (number, etc.) 6517 Genus Juglans Species nigra DBH 27 Inches

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

CONDITION/ FACTOR				RANK	
Trunk	Sound & solid	Sections of bark missing	Extensive decay & hollow	3	
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	2.5	
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	2	
Life Expectancy	> 35 years	25 - 15 years	14 - 6 years	< 5 years	2
TOTAL				*15.5	

Comments: Dead large upper branches throughout. South side of truck sounds hollow which indicates decay and signs of peeling bark. Lacking canopy. Native tree to Michigan and is a Hazard due to its location.

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Tree I.D. (number, etc.) 6518 Genus Juglans Species nigra DBH 18 inches

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

CONDITION/ FACTOR				RANK	
Trunk	Sound & solid	Sections of bark missing	Extensive decay & hollow	0	
Growth Rate	> 6-inch twig elongation	2-6 inch twig elongation	< 2-inch twig elongation	0	
Structure	Sound	One major or several minor limbs dead	Two or more major limbs dead	0	
Insects & Diseases	No pests present	One pest present	Two or more pests present	0	
Crown Development	Full & balanced	Full, but unbalanced	Unbalanced & lacking a full crown	0	
Life Expectancy	> 35 years	25 - 15 years	14 - 6 years	< 5 years	0
TOTAL				*0	

Comments: Tree is dead and a hazard. Native tree to Michigan

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Tree I.D. (number, etc.) 6519 Genus Juglans Species nigra DBH 19 inches

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

CONDITION/ FACTOR				RANK	
Trunk	Sound & solid	Sections of bark missing	Extensive decay & hollow	3	
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	2	
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	2	
Life Expectancy	> 35 years	25 - 15 years	14 - 6 years	< 5 years	2
TOTAL				*15	

Comments: Canopy is at 20% +/- with dead scaffold branches throughout. East side of truck sounds hollow which indicates decay. Native tree to Michigan and is a Hazard due to proximity to parking lot and sidewalks.

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Tree I.D. (number, etc.) 6520 Genus Picea Species pungens DBH 10 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	4	
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				*22	

Comments: Nice tree that appears health although not a Native tree to Michigan.

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Tree I.D. (number, etc.) 1893 Genus Juglans Species nigra DBH 14 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	
Structure	Sound	One major or several minor limbs dead	Two or more major limbs dead	3.5	
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	4
TOTAL				*20.5	

Comments: Canopy is at 15% +/- with dead scaffold branches throughout. South side of trunk sounds hollow which indicates decay and signs of peeling bark. Native tree to Michigan

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Tree I.D. (number, etc.) 1891 Genus Ulmas Species americana DBH 22 inches

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

CONDITION/ FACTOR				RANK	
Trunk	Sound & solid	Sections of bark missing	Extensive decay & hollow	3	
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	2	
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	2	
Life Expectancy	> 35 years	25 - 15 years	14 - 6 years	< 5 years	2
TOTAL				*15	

Comments: This is a twin American Elm which appears to be in good health. Although the northern codominant stem has a 30 degree lean to the north which would directly impact the existing dwelling. The branch union appears stable at this time. Would recommend removal of the northern stem. Native tree to Michigan

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Tree I.D. (number, etc.) 1887 Genus Acer Species saccharum DBH 24 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	4	
Structure	Sound	One major or several minor limbs dead	Two or more major limbs dead	3.5	
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: A few small dead upper limbs otherwise a healthy tree doing well in its current location. Native tree to Michigan

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