

# ISA Basic Tree Risk Assessment Form

Client Deirdre Range Date Mar 30/26 Time 3:30 pm.  
 Address/Tree location 18 Della Street - Plan 191 - Lot 17 Tree no. 1 Sheet 1 of 1  
 Tree species Silver maple dbh 80cm Height 23m Crown spread dia. 18m  
 Assessor(s) R. Glenn Ramsbottom Tools used Zoom Camera Time frame 45 mins

**Target Assessment**

Target number	Target description	Target protection	Target zone			Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?
			Target within drip line	Target within 1x Ht.	Target within 1.5x Ht.			
1	<u>Garage</u>	<u>None</u>		<input checked="" type="checkbox"/>		<u>4</u>	<u>No</u>	<u>No</u>
2								
3								
4								

**Site Factors**

History of failures Broken branches from 2025 ICE STORM Topography Flat  Slope  % Aspect \_\_\_\_\_  
 Site changes None  Grade change  Site clearing  Changed soil hydrology  Root cuts  Describe \_\_\_\_\_  
 Soil conditions Limited volume  Saturated  Shallow  Compacted  Pavement over roots  % Describe —  
 Prevailing wind direction W Common weather Strong winds  Ice  Snow  Heavy rain  Describe \_\_\_\_\_

**Tree Health and Species Profile**

Vigor Low  Normal  High  Foliage None (seasonal)  None (dead)  Normal \_\_\_\_\_% Chlorotic \_\_\_\_\_% Necrotic \_\_\_\_\_%  
 Pests/Biotic \_\_\_\_\_ Abiotic \_\_\_\_\_  
 Species failure profile Branches  Trunk  Roots  Describe Ice Storm

**Load Factors**

Wind exposure Protected  Partial  Full  Wind funneling  Relative crown size Small  Medium  Large   
 Crown density Sparse  Normal  Dense  Interior branches Few  Normal  Dense  Vines/Mistletoe/Moss  \_\_\_\_\_  
 Recent or expected change in load factors \_\_\_\_\_

**Tree Defects and Conditions Affecting the Likelihood of Failure**

**— Crown and Branches —**

Unbalanced crown  LCR 60 % Cracks  Lightning damage   
 Dead twigs/branches  5 % overall Max. dia. (2") 5cm Codominant  Included bark   
 Broken/Hangers Number \_\_\_\_\_ Max. dia. \_\_\_\_\_ Weak attachments  Cavity/Nest hole \_\_\_\_\_% circ.  
 Over-extended branches  Previous branch failures  ICE STORM Similar branches present   
 Pruning history Crown cleaned  Thinned  Raised   
 Reduced  Topped  Lion-tailed   
 Flush cuts  Other \_\_\_\_\_ Conks  Heartwood decay   
 Response growth \_\_\_\_\_

Pruning completed Aug/2025 Condition(s) of concern Large limb north side small inclusion on one side only at union.

Part Size 40cm STEM Fall Distance 30m Part Size \_\_\_\_\_ Fall Distance \_\_\_\_\_  
 Load on defect N/A  Minor  Moderate  Significant  Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent  Likelihood of failure Improbable  Possible  Probable  Imminent

**— Trunk —**

Dead/Missing bark  Abnormal bark texture/color   
 Codominant stems  Included bark  Cracks   
 Sapwood damage/decay  Cankers/Galls/Burls  Sap ooze   
 Lightning damage  Heartwood decay  Conks/Mushrooms   
 Cavity/Nest hole \_\_\_\_\_% circ. Depth \_\_\_\_\_ Poor taper   
 Lean \_\_\_\_\_° Corrected? \_\_\_\_\_  
 Response growth \_\_\_\_\_

Condition(s) of concern Main stem appears solid  
 Part Size \_\_\_\_\_ Fall Distance \_\_\_\_\_

Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

**— Roots and Root Collar —**

Collar buried/Not visible  Depth \_\_\_\_\_ Stem girdling   
 Dead  Decay  Conks/Mushrooms   
 Ooze  Cavity  \_\_\_\_\_% circ.  
 Cracks  Cut/Damaged roots  Distance from trunk \_\_\_\_\_  
 Root plate lifting  Soil weakness   
 Response growth \_\_\_\_\_

Condition(s) of concern no issue

Part Size \_\_\_\_\_ Fall Distance \_\_\_\_\_

Load on defect N/A  Minor  Moderate  Significant   
 Likelihood of failure Improbable  Possible  Probable  Imminent

