ISA Basic Tree Risk Assessment Form

Clie	ent	Date		Tir	me		
Ado	dress/Tree locationdbhdbh	Tree I	า0		_ Sheet	of	
Tre	e species dbh	Height	eight Crown spread dia				
Ass	essor(s) Tools used			Tim	e frame		
	Target Assessment						
Target number	Target description	Target protection	Target within drip line Target within		Occupancy rate 1-rare 2 - occasional 3 - frequent 4 - constant	Practical to move target?	Restriction practical?
1							
2							
3							
4							
	Site Factors						
Site Soil Pre	tory of failures changes None Grade change Site clearing Changed soil hydrology Roo conditions Limited volume Saturated Shallow Compacted Pavement o vailing wind direction Common weather Strong winds Ice Snow Tree Health and Species P or Low Normal High Foliage None (seasonal) None (dead)	t cuts Describe wer roots] Heavy rain Des Profile	% Describe	e			
	ts/Biotic Abiotic Abi						
Rec	ent or expected change in load factors Tree Defects and Conditions Affecting the						
	Dead twigs/branches % overall Max. dia Codomi Broken/Hangers Number Max. dia Weak at Over-extended branches Previous Pruning history Dead/M Crown cleaned Thinned Reduced Topped		s/Galls/Burl twood deca	Cav Sim s □ Sap ay □	ity/Nest hole ilar branches wood damag	ed bark % c present ge/decay	c 🗆 circ. t 🗆 y 🗆
	Load on defect N/A I Minor Moderate I Significant I Load on	e I defect N/A 🗆 od of failure Improbal	Mino	r 🗆 N	stance 1oderate□ Si robable □ Ir	ignifican	nt 🗆
(—Trunk —	— Roots	and Roo	ot Col	lar —		
	Codominant stems Included bark Cracks Dead	Cut/Damaged Cut/Damaged ate lifting Se growth on (s) of concern	roots 🗆	Distanc	Conks/Musl Cavity ce from trunl Soil we	% c k eakness	s 🗆 circ.
	Part Size Fall Distance Part Siz	ze		Fall Dist	ance		—
	Load on defect N/A □ Minor □ Moderate □ Significant □ Load on Likelihood of failure Improbable □ Possible □ Probable □ Imminent □ Likelihood	defectN/A □od of failureImprobat			1oderate□ Si robable □ Ir	0	

Risk Categorization																				
			Likelihood																	
Target	Target (Target number Tree part or description) Image: Content of the second s	Condition(c)	Failure			Impact				Failure & Impact (from Matrix 1)				Consequences						
(Target number		Condition(s) of concern	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	Risk rating (from Matrix 2)	
]																			
]																			
	1																			
	1																			
	1																			
	1																			

. . .

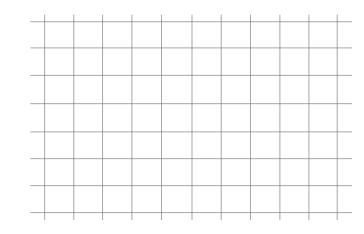
Matrix I. Likelihood matrix.

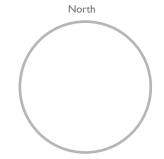
Likelihood	Likelihood of Impact							
of Failure	Very low	Low	Medium	High				
Imminent	Unlikely	Somewhat likely	Likely	Very likely				
Probable	Unlikely	Unlikely	Somewhat likely	Likely				
Possible	Unlikely	Unlikely	Unlikely	Somewhat likely				
Improbable	Unlikely	Unlikely	Unlikely	Unlikely				

Matrix 2. Risk rating matrix.

Likelihood of	Consequences of Failure								
Failure & Impact	Negligible	Minor	Significant	Severe					
Very likely	Low	Moderate	High	Extreme					
Likely	Low	Moderate	High	High					
Somewhat likely	Low	Low	Moderate	Moderate					
Unlikely	Low	Low	Low	Low					

Notes, explanations, descriptions





Mitigation options

1	Residual risk								
2	Residual risk								
3	Residual risk								
4	Residual risk								
Overall tree risk rating Low D Moderate High Extreme									
Overall residual risk None Low Moderate High Extreme Recommended inspection interval									
Data Final Preliminary Advanced assessment needed No Yes-Type/Reason									
Inspection limitations INone Visibility Access Vines Root collar buried Describe									

Existing Conditions – Stephens Lake Park Ash Tree #1



Tree Canopy – Leaf



Leaf Loss



Bark Discoloration



Boring Insect Activity