

ISA Basic Tree Risk Assessment Form

				Time								
Address/Tree location Tree species	Tree	no										
Tree species	dbh	Height		Crown spread dia.								
Assessor(s)	Tools used		Time	e frame								
	Target Assessment											
Target description		Target protection		Target within an 1.5 x Ht.	Occupancy rate 1-rare 2 - occasional 3 - frequent 4 - constant	Practical to move target?	Restriction practical?					
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4				_			├					
4	Cito Factors											
	Site Factors											
History of failures												
Site changes None ☐ Grade change ☐ Site clearing ☐ Change ☐ Site c												
Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐												
Prevailing wind direction Common weather Stro			scribe									
	ree Health and Species											
Vigor Low □ Normal □ High □ Foliage None (sea Pests/Biotic							%					
Species failure profile Branches ☐ Trunk ☐ Roots ☐ Des	Abiotic cribe											
Species families profile statistics and marked modes a ses	Load Factors											
Wind exposure Protected ☐ Partial ☐ Full ☐ Wind funne Crown density Sparse ☐ Normal ☐ Dense ☐ Interior by Recent or expected change in load factors	ranches Few□ Normal□	l Dense□ Vines/N	listletoe	/Moss □								
Tree Defects and	Conditions Affecting the	e Likelihood of Fail	ure									
_	Crown and Branch	ies —										
Unbalanced crown												
	Condition (s) of concer	n										
Part Size Fall Distance Load on defect N/A □ Minor □ Moderate □ Likelihood of failure Improbable □ Possible □ Probable □	Significant □ Load o	ze	Mi	inor 🗆 N	stance loderate□ Si robable □ Ir	ignifican	nt 🗆					
—Trunk —		— Roots	and R	oot Col	lar —		$\overline{}$					
Lightning damage ☐ Heartwood decay ☐ Conks/Mu Cavity/Nest hole % circ. Depth P Lean ° Corrected? Response growth Condition (s) of concern	Cracks ☐ Dead Sap ooze ☐ Ooze ushrooms ☐ Cracks oor taper ☐ Respoi	☐ Cut/Damaged late lifting ☐ nse growth ——— ion (s) of concern —	roots 🗆	Distanc	Conks/Musl Cavity □ te from trunl Soil we	% c k eakness	circ.					
Part Size Fall Distance	Part Si	Part Size Fall Distance										
•	Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☐ Likelihood of failure Improbable ☐ Possible ☐ Probable ☐ Imminent ☐ Likelihood of failure Improbable ☐ Probabl											

Risk Categorization																								
									Likelihood															
									Failure			Impact				Failure & Impact				Consequences				
Target n	umber		Tree	part			tion(s) ncern	<u>e</u>				 				(from Matrix 1)						<u> </u>	П	Diele
or descri _l	otion)					01 00	ncem	Improbable	ple	Probable	Imminent	NO.		돌		e S	Somewhat		Very likely	Negligible	Ļ	Significant	ē	Risk rating
						Possible	Prob	m im	Very low	Low	Medium	High	Unlikely	ome	Likely	/ery	Vegli	Minor	igni	Severe	(from Matrix 2,			
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Matrix I . Likel	ibood n	natr	rise																			ı		1 1
	iiiood ii	IIau	ix.																					
Likelihood of Failure	Mamala	1	1.00		lood	of Impact	Ulab														+			
Imminent	Very lo	-	Somewha		╁	Medium Likely	High Very like	ılv																
Probable	Unlike	_				omewhat likely Likely																		
Possible	Unlike	ely	Unlikely			Unlikely Somewhat like																		
Improbable	Unlike	ely Unlikely Unl			Unlikely	Unlikel	у			_			+	\rightarrow		-				+				
Matrix 2. Risk	rating r	matr	rix.															_						
Likelihood				Cons	equ	uences of Failure																		
Failure & In	pact	Ne	egligible			Significan	t Seve	re																
	Very likely		Low			· · ·		me									-				-	_		
Likely	ikoby		Low Moderate			te High High Moderate Moderate															N	orth		
	Somewhat likely Low Low Moderate Moderate Unlikely Low Low Low Low								-															
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Notes, expla	nation	ıs, d	descriptio	ons																				
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Mitigation o	-																		_					
1																			_					
2																								
3. 4.																		_						
																			_ K	esia	iuai	risk		
Overall tree		_				Moderate □	-																	
Overall resid	lual ris	k	None C	Low	/ 	Moderate □	l High □	Extren	treme Recommended inspection interval															
Data □ Final	□Pre	limi	nary Adv	vanced	asse	essment need	ed □No □\	es-Typ	e/Re	easo	n													
Inspection li	mitatio	ns [□None □]Visibili	ty [□Access □Vi	nes 🗆 Root	collar b	ourie	ed D	escr	ibe												