

ISA Basic Tree Risk Assessment Form

				Time									
Address/Tree location Tree species	Tree	no											
Tree species	dbh	Height	Crov	Crown spread dia									
Assessor(s)	Tools used												
	Target Assessment												
Target description		Target protection	Target within drip line Target within 1x Ht.		Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?						
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3			+ + -	\vdash	 								
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4	Cito Footows			Щ									
	Site Factors		-1 · - 2 o										
History of failures													
Site changes None ☐ Grade change ☐ Site clearing ☐ Cha													
Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐													
Prevailing wind direction Common weather Stro			scribe										
	Tree Health and Species												
Vigor Low □ Normal □ High □ Foliage None (see Pests/Biotic							%						
Species failure profile Branches ☐ Trunk ☐ Roots ☐ Des	Abiotic												
Species idinare prome Branches — Wank — Roots — Bes	Load Factors												
Wind exposure Protected ☐ Partial ☐ Full ☐ Wind funn Crown density Sparse ☐ Normal ☐ Dense ☐ Interior b Recent or expected change in load factors	ranches Few□ Normal□	I Dense □ Vines/N	/listletoe/Mo										
	Conditions Affecting th		ure				_						
Unbalanced crown ☐ LCR% Dead twigs/branches ☐% overall Max. o	dia Codom	Cracks ☐ Lightning damage ☐											
Over-extended branches Pruning history Crown cleaned Thinned Raised Raised													
Reduced ☐ Topped ☐ Lion-tailed ☐ Colles ☐ Heartwood decay ☐													
	Condition (s) of concer	n					—						
Part Size Fall Distance	Part Si	ze		Fall Dis	tance		_						
Load on defect N/A ☐ Minor ☐ Moderate ☐ Likelihood of failure Improbable ☐ Possible ☐ Probable ☐	-	n defect N/A□ nod of failure Improba			oderate□ Si obable □ In	0							
—Trunk —		— Roots	and Root	Coll	ar —								
Lightning damage ☐ Heartwood decay ☐ Conks/M Cavity/Nest hole% circ. Depth F	Cracks ☐ Dead Sap ooze ☐ Ooze ushrooms ☐ Cracks Poor taper ☐ Root p		сау 🗆	(Stem Conks/Mush Cavity e from trunk Soil we	% c	circ.						
Lean° Corrected? Response growth	Respon	nse growth ————ion(s) of concern —											
Condition (s) of concern Fall Distance		Part Size Fall Distance											
Load on defect N/A ☐ Minor ☐ Moderate ☐ Likelihood of failure Improbable ☐ Possible ☐ Probable ☐	ŭ	n defect N/A 🗆 nod of failure Improba			oderate□ Si obable □ In	_							

Risk Categorization																								
									Likelihood															
									Failure			Impact					Failure & Impact				Consequences			
Target n	umber		Tree	part			tion(s)	e				Н				(from Matrix 1)						-	П	Dick
or descri _l	otion)				of concern			Improbable	ple	Probable	Imminent	δ		E		e S	Somewhat		Very likely	Negligible	١	Significant	<u>و</u>	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	iv											ı								ı		1 1
	iiiood ii	IIau	iA.																					
Likelihood of Failure	Mamala	1	Lau		ood	of Impact	Hinh														+			
Imminent	Very lo	\rightarrow	Somewh			Medium Likely	High Very like	ılv																
Probable	Unlike	_				omewhat likely Likely																		
Possible	Unlike	ely	Unlikely			Unlikely Somewhat lik																		
Improbable	Unlike	cely Unlikely (Unlikely	Unlikel	у			_				\rightarrow		-				+				
Matrix 2. Risk	rating r	matr	ix.																		_			
Likelihood				Cons	equ	uences of Failure																		
Failure & In	pact	Ne	gligible	ligible Minor		Significan	t Seve	re																
	Very likely		Low	Moderate							+				-		+-	+			+			
Likely	ikoby		Low Moderate			te High High Moderate Moderate															N	orth		
			Low	Low					-															
Notes, expla	nation	ıs, d	lescriptic	ns																				
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Mitigation o	-																		_					
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2																								
3. 4.																		_						
																			_ K	esia	iuai	risk		
Overall tree		_				Moderate □	•																	
Overall resid	lual ris	k	None D	Low		Moderate □	l High □	Extren	treme Recommended inspection interval															
Data □ Final	□Pre	limiı	nary Adv	vanced	asse	essment need	ed □No □Y	es-Typ	e/Re	easo	n													
Inspection li	mitatio	ns [⊐None □]Visibili	ty [□Access □Vi	nes □Root	collar b	ourie	ed D	escr	ibe												