



Basic Tree Risk Assessment Form

Client V.L.C.S. Date 1/31/23 Time 11:30
 Address/Tree location 12 MAN Tree no. 104 Sheet 1 of 1
 Tree species Acacia galeata dbh 12.5" Height 25' Crown spread dia. 30'
 Assessor(s) T. J. K. K. Tools used TAPE Time frame 6 mo.

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 1 x Ht.	Target within 1.5 x Ht.			
1	HOUSE (12 MAN)	NONE	✓			4	X	X
2	POWER LINES	"	✓			4	X	X
3	SIDEWALK	"	✓			2	X	X
4	MAIN ST.	"	✓			3	X	X

Site Factors

History of failures MULTIPLE LIMB FAILS 4-8" Topography Flat ☒ Slope ☐ % Aspect SW
 Site changes None ☐ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe ROOT FLARE BURIED
 Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☒ Pavement over roots ☒ % Describe 90
 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 CAVITY ROTTER UNKNOWN SP. Abiotic _____
 Species failure profile Branches ☒ Trunk ☐ Roots ☐ Describe _____

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 ☐ NO
 Recent or expected change in load factors _____

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown ☒ LCR _____ %
 Dead twigs/branches ☐ 10 % overall Max. dia. _____
 Broken/Hangers Number _____ Max. dia. _____
 Over-extended branches ☐
 Pruning history
 Crown cleaned ☒ Thinned ☐ Raised ☐
 Reduced ☒ Topped ☐ Lion-tailed ☐
 Flush cuts ☐ Other _____
 Cracks ☐ Lightning damage ☐
 Codominant ☐ Included bark ☐
 Weak attachments ☐ Cavity/Nest hole _____ % circ.
 Previous branch failures ☒ Similar branches present ☐
 Dead/Missing bark ☐ Cankers/Galls/Burls ☐ Sapwood damage/decay ☐
 Conks ☐ Heartwood decay ☒ AT RINGS 10"
 Response growth FAIR C.M.B.

Condition(s) of concern LIMB VE SIZE, PAST FAILURES, CAVITY OF
 Part Size 12" DIA. Fall Distance UNKNOWN
 Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐
 Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐
 Part Size _____ Fall Distance _____
 Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☐
 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 LOSS LIMB LOST S. SIDE 218"
 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 4" ES. DE Stem girdling ☒
 Dead ☐ Decay ☐ Conks/Mushrooms ☐
 Ooze ☐ Cavity ☐ % circ.
 Cracks ☐ Cut/Damaged roots ☒ Distance from trunk MINOR MOW DAMAGE
 Root plate lifting ☐ Soil weakness ☐
 Response growth _____
 Condition(s) of concern _____
 Part Size _____ Fall Distance _____
 Load on defect N/A ☒ Minor ☐ Moderate ☐ Significant ☐
 Likelihood of failure Improbable ☐ Possible ☒ Probable ☐ Imminent ☐

Risk Categorization

[illegible]

Matrix I. Likelihood matrix.

Likelihood of Failure	Likelihood of Impact			
	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 Failure & Impact	Consequences of Failure			
	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

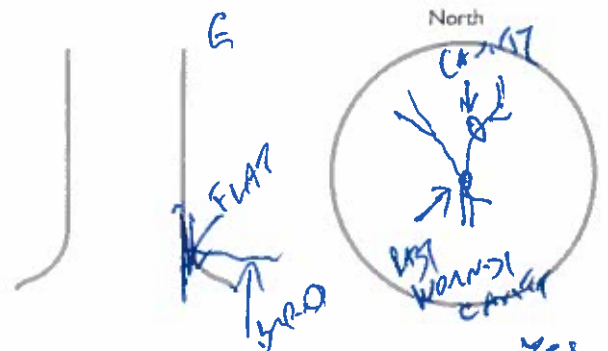
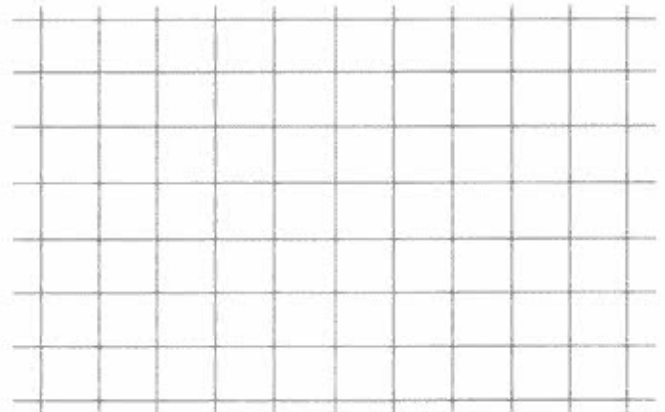
- | | | |
|------------------------------|---------------|------|
| 1. REMOVE MELTB
TAKE DOWN | Residual risk | 7251 |
| 2. | Residual risk | |
| 3. | Residual risk | |
| 4. | Residual risk | |

Overall tree risk rating Low ☐ 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 ☐None ☒Visibility ☐Access ☐Vines ☐Root collar buried Describe _____





Basic Tree Risk Assessment Form

Client VILL. 65 Date 1/31/23 Time 11:50
 Address/Tree location 11/15 HIBIT Tree no. 1243 Sheet 1 of 2
 Tree species AGE SACCHARINUM dbh 82" Height 55' Crown spread dia. 32'
 Assessor(s) T. K. B. K. Tools used PROBE TAPE Time frame 6 mo

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 1 x Ht.	Target within 1.5 x Ht.			
1	11 HIBIT			X		4	X	X
2	15 HIBIT				X	4	X	X
3	ROAD / SIDEWALKS		X			3	X	X
4	POWER LINE			X		4		

Site Factors

History of failures Limb loss Topography Flat ☒ Slope ☐ % Aspect SW
 Site changes None ☒ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe _____
 Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☒ Pavement over roots ☒ % Describe BET. SIDEWALK + ROAD
 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 KRETSCHMARIA DENSATA? / CARPENTER Abiotic _____
 Species failure profile Branches ☒ Trunk ☐ Roots ☐ Describe BARK + PRONE TO ICE DAMAGE

Load Factors

Wind exposure Protected ☐ Partial ☒ Full ☐ Wind funneling ☒ BET. 11/15 HIBIT 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 _____ %
 Dead twigs/branches ☐ 10 % overall Max. dia. 8"
 Broken/Hangers Number 1 Max. dia. 4"
 Over-extended branches ☐
 Pruning history
 Crown cleaned ☐ Thinned ☐ Raised ☐
 Reduced ☒ Topped ☐ Lion-tailed ☐
 Flush cuts ☐ Other PURP PRUNE RESPONSE
 Condition(s) of concern S. LEAD DYN. AT APX. CAVITY

Part Size 8" D. / 12' L Fall Distance _____
 Load on defect N/A ☐ Minor ☒ Moderate ☐ Significant ☐
 Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐
 Part Size _____ Fall Distance _____
 Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☐
 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 2 1/2" Poor taper ☐
 Lean _____ ° Corrected? _____
 Response growth _____
 Condition(s) of concern _____
 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 KRETSCHMARIA
 Part Size _____ Fall Distance _____
 Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☐
 Likelihood of failure Improbable ☐ Possible ☐ Probable ☐ Imminent ☐

