

[illegible]

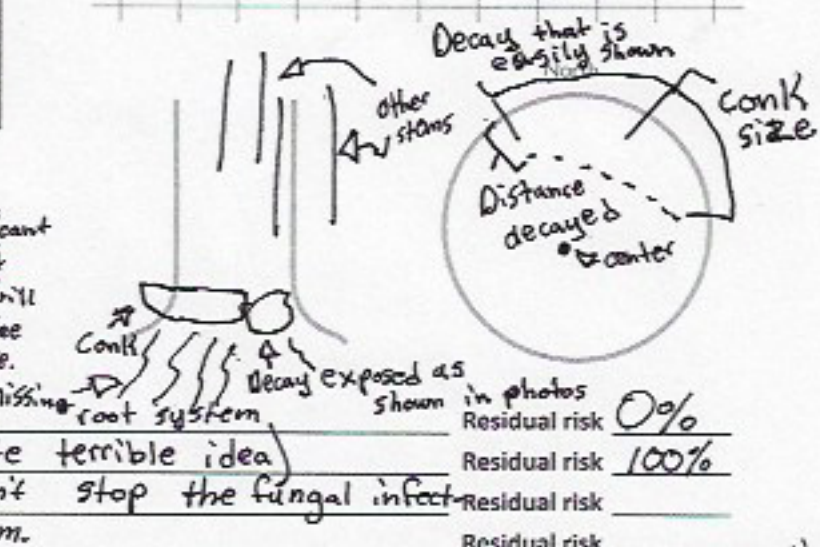
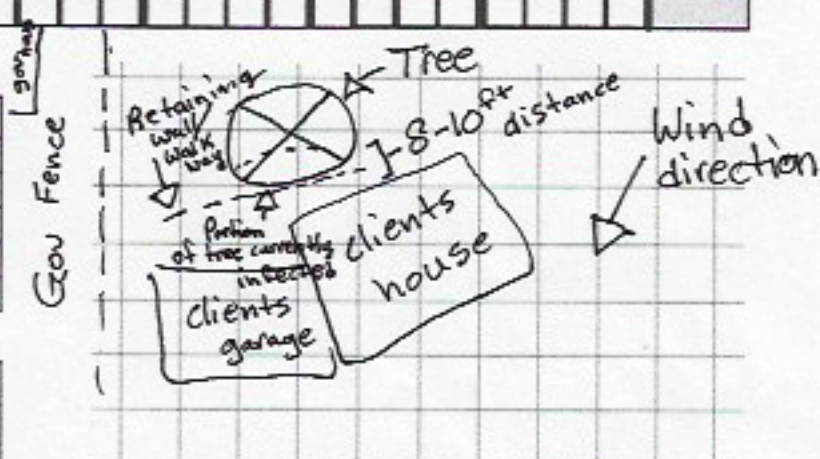
| Likelihood of Failure | Likelihood of Impact | | | |
|-----------------------|----------------------|-----------------|-----------------|-----------------|
| | Very low | Low | Medium | High |
| Imminent | Unlikely | Somewhat likely | Likely | Very likely |
| Probable | Unlikely | Unlikely | Somewhat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

| 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 |

The trunk that has the exposed conk is the northern trunk of the tree that has significant trunk and root decay. These 3 trunks share one root system. Therefore 33-95% of the root system will be missing once this stem is gone and with a tree of this size that is unacceptable.

| | Remove the tree | Missing root system | shown in photos | Residual risk |
|----|--|---------------------|-----------------|---------------|
| 1. | Remove the tree | | | 0% |
| 2. | Only remove northern stem (absolute terrible idea) | | | 100% |
| 3. | as removing the one stem doesn't stop the fungal infection | | | |
| 4. | to the remaining root system. | | | |

Inspection limitations ☒ None ☐ Visibility ☒ ~~Access~~ ☐ Vines ☐ Root collar buried Describe has already been dug and exposed
photos taken.





Basic Tree Risk Assessment Form

Client Michael & LeAnne Goodenberger Date 1-9-24 Time 10:26am
 Address/Tree location 550 Leffelle St S. Tree no. _____ Sheet 1 of 1
 Tree species Oregon white Oak dbh 23"/22"/20" Height 85-90ft Crown spread dia. 50-60ft
 Assessor(s) Elwoods Tree Service Tools used probe - shovel Time frame _____

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 | <u>Gov. Kotek mansion</u> | <u>NONE</u> | | | <input checked="" type="checkbox"/> | <u>3</u> | <u>NO</u> | |
| 2 | <u>Homeowners house</u> | <u>NONE</u> | | | <input checked="" type="checkbox"/> | <u>3</u> | <u>NO</u> | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |

Site Factors

History of failures Yes - Ice storm Topography Flat ☐ Slope ☒ 20 % 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 Landscape
 Prevailing wind direction _____ 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 Oak gull Abiotic _____
 Species failure profile Branches ☐ Trunk ☐ Roots ☒ Describe tree has Ganoderma fungus

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 load factors in bad weather conditions

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown ☒ LCR 23 %
 Dead twigs/branches ☒ 20 % overall Max. dia. 4"
 Broken/Hangers Number 0 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 ☒ stems Cavity/Nest hole _____ % circ.
 Previous branch failures ☒ Ice Similar branches present ☐
 Dead/Missing bark ☒ Cankers/Galls/Burls ☐ Sapwood damage/decay ☐
 Conks ☒ Heartwood decay ☒
 Response growth no wound wood growing

Minor storm damage Condition(s) of concern around injuries

Part Size whole tree Fall Distance 85 ft Part Size 12-16" dia Fall Distance 50 ft

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 15 % circ. Depth _____ Poor taper ☒
 Lean _____ Corrected? _____
 Response growth no wound wood
 Condition(s) of concern root rot
 Part Size _____ Fall Distance 85 ft
 Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐
 Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐

— Roots and Root Collar —

Collar buried/Not visible ☒ Depth 6-8" Stem girdling ☐
 Dead ☐ Decay ☒ Conks/Mushrooms ☒
 Ooze ☐ Cavity 35 % circ.
 Cracks ☐ Cut/Damaged roots ☐ Distance from trunk _____
 Root plate lifting ☐ Soil weakness ☐
 Response growth NONE
 Condition(s) of concern Fungus Ganoderma
 Part Size whole tree Fall Distance 85 ft
 Load on defect N/A ☐ Minor ☐ Moderate ☐ Significant ☒
 Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐