Learning from the Storm
Sonshine Tree Care

Residential – Commercial
Tree Preservation – Pruning
Pre-Construction Planning
24 Hr. Emergency Response
Consulting – Tree Risk Assessment

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ISA Certified Arborist #WE 9274A
ISA Qualified Tree Risk Assessor
NCCCO Certified Articulating Boom Crane Operator
Industry Involvement
The Chaos of a Storm
The Chaos of a Storm
Planning for a Storm
Preparing for a Storm

Supplies for response

- Carpenter’s bags
  - Hammer
  - Box cutter knife
  - 8p nails
- Tarps – all different sizes
- P-cord – or other similar light cord
- Landscape stakes
Preparing for a Storm

Supplies for response

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Preparing for a Storm
Preparing for a Storm
Prioritizing work
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• Initial Contact – Phone Call
  • “Is your driveway blocked?”
  • “Is the tree on a structure?”
  • “Is there a hole / puncture in the structure?”
  • “Is the damaged structure insured?”
  • “Have you initiated a claim with your insurance company?”
  • “What are their limitations for tree removal from a covered structure?”

• Site visit
  • Not always possible.
  • Assess / confirm extent of damage.
  • Determine property owners expectations.
  • Develop work plan.
  • Have property owner sign contract.
Being Prepared – running an office without power
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Being Prepared – running an office without power
Being Prepared – specific contracts

• Contract clause subjects.
  • Damage to driveways.
  • Existing and further damage to property.
  • What to do with tree parts after they’re removed from the structure.
  • Hourly rates / after hours rates, in house vs hired i.e. crane rental.
  • Billing for materials.
  • Underground Infrastructure.
  • Permission to access neighboring property.
### Emergency Response Contract

“If the Son sets you free, you will be free indeed.”

- John 8:36

#### Sonshine Tree Care

WA Contractor No. SONSHTC865DU
3219 220th St NW – Stanwood, WA 98292

(360) 474-7787 – www.sonshinetreecare.com

- Residential – Commercial – 24 Hr.
- Emergency Response – Consulting – Pruning – Thinning – Removal

<table>
<thead>
<tr>
<th>Client Name</th>
<th>Phone</th>
<th>Response Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tax Code</td>
<td>Tax Rate</td>
</tr>
<tr>
<td>Job Name and Location</td>
<td>Email</td>
<td></td>
</tr>
</tbody>
</table>

The following are our standard hourly rates for emergency response:

<table>
<thead>
<tr>
<th>Equipment / Crew</th>
<th>Hourly Rate (Normal hours)</th>
<th>Hourly Rate (After normal hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 man crew</td>
<td>$190 / hour</td>
<td>$205 / hour</td>
</tr>
<tr>
<td>2 man or larger crew / crew member</td>
<td>$112.50 / hour</td>
<td>$130 / hour</td>
</tr>
<tr>
<td>60' Bucket truck</td>
<td>$40 / hour</td>
<td>$40 / hour</td>
</tr>
<tr>
<td>Crane is size / availability dependant and will be invoiced for at cost + 10%</td>
<td></td>
<td></td>
</tr>
</tbody>
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*Any response after 5:00 pm on week days, or at any time on weekends is subject to the “after normal hours” rates.
- Any materials required to temporarily protect the structure will be billed in addition to the hourly rates at cost + 20%.
- Travel time is accounted for.*
Being Prepared – specific contracts

Scope of Work:

- [ ] Client has contacted insurance company, and has approval for emergency response.
  - client is 100% responsible for payment regardless of whether or not this is in relation to an insured loss.
- [ ] Client approves additional site cleanup in excess of $500 ________ Client’s initials
  - insurance companies frequently limit the cost of site cleanup once the tree parts are removed from the insured structure to $500.
  - without approval we will limit site cleanup beyond what is necessary to safely perform the work to $500 including tax

FOR ONSITE USE:
Time in/out onsite, crew size, materials used

Bid/Consultation by: ____________________________  Subtotal: __________
ISA Certified Arborist # ____________________________  Tax: __________

SEE TERMS AND CONDITIONS ON BACK ◀

Accepted: I have read the proposal, terms and conditions located on the back, the prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined.

Date: ____________  Signature: ____________
<table>
<thead>
<tr>
<th>SERVICE / PRODUCT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brief - Emergency</td>
<td>Emergency Job Site Safety Briefing</td>
</tr>
</tbody>
</table>

- electrical hazards
- roadside hazards (vehicles / pedestrians)
- PPE
- emergency contact / site address
- broken tree parts / hangers
- Condition of tree
- damaged/unstable structures
- exposed sharp items
- weather conditions
- crew fatigue
- inspect equipment / gear
- discuss work plan
- discuss AR plan
- delegate work / positions

NOTE any increased risks or defects:
Being Prepared – specific JSA (Jobsite Safety Assessment)

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Job Foreman / Crew Lead

Crew Size

Signatures of Crew:

Foreman's Initials Affirming Complete Briefing

----- Job Site Pre-Job Survey -----

- pictures of trees / site before work
- pictures of broken items before work

NOTES:

----- Job Site Post-Job Survey -----

- pictures of trees / site after work
- pictures of any damaged items
- client walk-through of work performed.

NOTES:

3 of 4 pages
Prune: 4 large Douglas fir trees

Goals:
- reduce likelihood of branch failure.

Specifications:
- reduce co-dominant trunk on S.E. tree by 15-20% of length
- identify and reduce over extended branches by 15-20% of length, especially branches more likely to impact residence
- consider target protection.
If Qualified, suggest “Level 1 Tree Risk Assessment”.

- Consider a scope such as
  - all trees greater than X” DBH and within 1.25 x height radius of structure.
  - Inspect canopy for obvious defects.
  - Inspect root flare for obvious defects.

- The goal is to be able to identify trees that should be addressed proactively while managing time investment / cost.
- Mitigation options may be obvious at that point or may require a Level 2 Risk Assessment.

- That level of inspection would have identified this tree’s lack of adequate root flare / crown that led to its failure during “normal high winds”.
Prune: Acer rubrum (red maple)

Goals:
- Proactive pruning
- Improve structure.
- reduce likelihood of trunk failure.

Specifications:
- reduce or remove co-dominant trunks to promote a single central leader.
- overall, no more than 25% of the total foliage bearing canopy shall be removed.
Being Prepared – Pre-storm assessments and Pruning
Prune: previously topped Pseudotsuga Menziesii (Douglas fir)

Goals:
- Improve structure.
- reduce likelihood of trunk failure.

Specifications:
- reduce or remove co-dominant trunks to promote a single central leader.
- overall, no more than 25% of the total foliage bearing canopy shall be removed.
Being Prepared – Pre-storm assessments and Pruning
Learning from the storm – Observing and Documenting
Learning from the storm – Observing and Documenting
Learning from the storm – Observing and Documenting

Courtesy YouTube/Derek Sivers
Sonshine Tree Care

“We Save Trees!”