



Peter van Oss
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13th of April, 2020

RE: Tree inventory and removal plan for Lu Pacific Development.

Lu Pacific Development
ATTN: Teresa Long
Proposed building construction at:
10005 SW Herman Rd
Tualatin, OR 97062

Report Summary:

This report includes the location and status of the trees to be removed for the construction of the proposed buildings. Multi stem trees are marked as one tree with the individual trunk diameters recorded.

General Information:

Lu Pacific Development is proposing to construct two new buildings on the lot located at 10005 SW Herman Rd, Tualatin, OR 97062. The proposed site plan is attached as attachment 1.

Purpose of the report:

- Locate and identify the trees that will have to be removed based on the proposed site plan (attachment 1)

Tree Inventory

On 4/13/2020 a pre- construction tree inventory was conducted by myself. The trees were inventoried according to the site plan provided by the customer. All trees over 8" in diameter were recorded. The inventory includes data pertaining to the: tree number, location, DBH at 54", structural condition, comments, treatment recommendation, suggested removals. The trees were tagged and numbered in the field to correspond with the inventory map (attachment 2)

Tree Removals

Typically a tree protection zone is based on the diameter of the tree x 0.5 ft to establish the minimum tree protection zone. For example: a 12" Dbh tree would have a minimum protection

zone of 6' from the trunk extending toward the dripline. Environmental variations and impacts may be cause for adjustment however (root distribution, health, a-typical impacts)

After careful examination of the proposed construction, all trees will have to be removed. All the trees on this site are in development areas per the proposed plan.

Tree Protection

No tree protection fencing will be necessary. All the trees and underbrush will have to be removed under this proposed plan.

Conclusion

48 trees are recommended for removal for the proposed construction of the two buildings by Lu Pacific Development. The trees that are not directly impacted by this plan are number 7 and number 8. The Pines are in poor condition however and do not have a long life expectancy due to the Blue stain fungi caused by the Pine Borer Beetle. The recommendation for all trees is removal.

For detailed summary reports and access to our data, please use the following link:

<https://pg-cloud.com/NWTreeSpecialists/?scenario=10005-SW-Herman-Rd-Tualitin>

If you have any questions or concerns, please contact me for additional information

Sincerely,



Peter van Oss
NW Tree Specialists
Certified Arborist PN-8145A
ISA Qualified Tree Risk Assessor
503-512-3826 (cell)
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Addendum:

Attachment 1: Site Plan with Tree removal and Protection

Attachment 2: Inventory Spreadsheet

N/A: Tree Protection recommendations

Attachment 4: Assumptions and limiting conditions

Assumptions and Limiting conditions

1. A field examination of the site was made on April 13, 2020. My observations and conclusions are as of that date.
2. Care has been taken to obtain all information from a reliable source, however the Arborist can neither guarantee nor be responsible for accuracy of information provided by others.
3. Unless stated otherwise, information contained in this report covers only those trees that were examined and reflects the condition of those trees at the time of inspection. The inspection is limited to visual examination of the subject trees without dissection, excavation, probing, or coring. There is no warranty or guarantee that problems or deficiencies of the subject tree may not arise in the future.
4. All trees possess the risk of failure. Trees can fail at any time, with or without obvious defects or applied stress. Trees are living biological organisms, and I cannot predict nor guarantee their stability or failure.
5. Sketches or drawings in this report are intended as visual aids and are not necessarily to scale.
6. This report and any values/opinions expressed herein represents my opinion as an arborist. Inaction on the part of those receiving the report is not the responsibility of the Arborist
7. Loss or alteration of this report invalidates the entire report.
8. The intent of this report is to:
 - a. Provide tree removal findings and recommendations based on the provided site plans and;
 - b. Provide recommendations for correctly protecting trees during construction.

Addendum1

Trees 1,2,4 & 47 are not on the site map and report. They were entered incorrectly in our program in the field. Once a location is marked a number is attached, when you have to delete the incorrectly entered location the program continues the count. For example:

Location 47 marked a blackberry patch, I deleted the entry and that made the Curly Willow location 48.

005 SW Herman Rd

- Common Name**
- Cherry plum (3)
 - Common crabapple
 - Common pear
 - Cypress
 - Deodar cedar (2)
 - Douglas fir (12)
 - European white birch
 - Incense cedar
 - Lombardi poplar
 - Maple
 - Norway maple
 - Peach
 - Pine (2)
 - Scouler willow
 - Siberian elm (13)
 - Silver maple
 - Tuip tree



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Herman Rd

Tree Id	Common Name		Condition (Health)		Condition (Structure)		Crown Dieback (%)		DBH					Height Range					Latin Name	Latitude	Longitude	Observation Comments
	Condition (Health)	Condition (Structure)	DBH	DBH Stem 1	DBH Stem 2	DBH Stem 3	DBH Stem 4	DBH Stem 5	DBH Stem 1	DBH Stem 2	DBH Stem 3	DBH Stem 4	DBH Stem 5	DBH Stem 1	DBH Stem 2	DBH Stem 3	DBH Stem 4	DBH Stem 5				
3	Common pear	Good	Good	17	16	25	18	15ft-30ft	Pyrus communis	45.3864142	-122.7791672											
5	Silver maple	Very Poor	Very Poor	34.71	16	25	18	50ft-75ft	Acer saccharinum	45.38647543	-122.7792704	Remove										
6	Apple	Dead/Dying	Failed/Failing	24				15ft-30ft	Malus spp.	45.38654324	-122.7791699											
7	Pine	Fair	Fair	18				N/A	Pinus spp.	45.38638574	-122.7799754	Pine beetle										
8	Pine	Fair	Fair	24				50ft-75ft	Pinus spp.	45.38650442	-122.7800197	Pine beetle										
9	Douglas fir	Poor	Fair	50				N/A	Pseudotsuga menziesii	45.38658448	-122.7795999	May have fir borer										
10	Tulip tree	Good	Fair	18				N/A	Liriodendron tulipifera	45.38672966	-122.7796113	Hangers										
11	Maple	Poor	Poor	16.25	10	8	10	N/A	Acer spp.	45.38670046	-122.7797042	Removal										
12	Peach	Dead/Dying	Failed/Failing	26.98	18	8	12	14	Prunus persica	45.38667126	-122.7797592											
13	Douglas fir	Excellent	Excellent	28				30ft-50ft	Pseudotsuga menziesii	45.38672139	-122.7798925											
14	Siberian elm	Fair	Poor	34.23	20	14	24	30ft-50ft	Ulmus pumila	45.3869352	-122.7799703											
15	Siberian elm	Dead/Dying	Failed/Failing	24	20	14	24	50ft-75ft	Ulmus pumila	45.38698527	-122.7799153											
16	Siberian elm	Dead/Dying	Failed/Failing	24	20	14	24	50ft-75ft	Ulmus pumila	45.38701635	-122.7798804											
17	Siberian elm	Poor	Poor	24	20	14	24	15ft-30ft	Ulmus pumila	45.38706062	-122.7798616											
18	Douglas fir	Good	Good	20				50ft-75ft	Pseudotsuga menziesii	45.38708416	-122.7799139	Poison oak										
19	Douglas fir	Good	Good	12				30ft-50ft	Pseudotsuga menziesii	45.38711807	-122.7799059											
20	Douglas fir	Good	Good	14				30ft-50ft	Pseudotsuga menziesii	45.38712372	-122.7798549											
21	Douglas fir	Good	Good	18				30ft-50ft	Pseudotsuga menziesii	45.38716422	-122.7799072											
22	Douglas fir	Good	Good	10				30ft-50ft	Pseudotsuga menziesii	45.38718588	-122.7799206											
23	Douglas fir	Good	Good	8				30ft-50ft	Pseudotsuga menziesii	45.38719625	-122.7798804											
24	Lombardi poplar	Dead/Dying	Failed/Failing	48				30ft-50ft	Populus nigra	45.38717647	-122.7800132	Hazard										
25	Douglas fir	Good	Poor	28	8	12	24	30ft-50ft	Pseudotsuga menziesii	45.387163	-122.7800469											
26	Deodar cedar	Good	Good	47.71	24	38	16	75ft-100ft	Cedrus deodara	45.38697549	-122.7801615											
27	Incense cedar	Good	Good	25.53	10	10	14	30ft-50ft	Calocedrus decurrens	45.38702353	-122.7802192											
28	Cypress	Good	Good	49.04	24	20	24	18	N/A	Cupressus spp	45.38696036	-122.7804389										
29	Deodar cedar	Good	Good	30				50ft-75ft	Cedrus deodara	45.38698956	-122.7806522											
30	Siberian elm	Poor	Poor	28.84	16	24		50ft-75ft	Ulmus pumila	45.38711727	-122.780355											
31	Siberian elm	Poor	Poor	25.50				30ft-50ft	Ulmus pumila	45.38715452	-122.7802855											
32	Siberian elm	Poor	Poor	36				30ft-50ft	Ulmus pumila	45.3871112	-122.7800751											
33	Siberian elm	Poor	Poor	36				30ft-50ft	Ulmus pumila	45.3871135	-122.7801699											
34	Douglas fir	Good	Good	14				50ft-75ft	Pseudotsuga menziesii	45.3871719	-122.7801511											
35	Cherry plum	Fair	Fair	8				15ft-30ft	Prunus cerasifera	45.3871517	-122.7801891											
36	Douglas fir	Fair	Fair	12				50ft-75ft	Pseudotsuga menziesii	45.38713945	-122.7802293											
37	Siberian elm	Good	Poor	28.28	20	20		30ft-50ft	Ulmus pumila	45.38727698	-122.7807619											
38	Siberian elm	Good	Fair	38.57	16	20	24	16	75ft-100ft	Ulmus pumila	45.38745441	-122.7805394										
39	Siberian elm	Good	Fair	39.45	18	20	16	24	75ft-100ft	Ulmus pumila	45.38757685	-122.7807379										
40	Cherry plum	Very Poor	Very Poor	12				15ft-30ft	Prunus cerasifera	45.38776956	-122.7806156											
41	Norway maple	Fair	Fair	10				15ft-30ft	Acer platanoides	45.38779782	-122.7805941											
42	Cherry plum	Dead/Dying	Failed/Failing	10				15ft-30ft	Prunus cerasifera	45.38779422	-122.7804051											
43	Douglas fir	Good	Good	28				50ft-75ft	Pseudotsuga menziesii	45.38784491	-122.7804064											
44	Siberian elm	Good	Good	22				50ft-75ft	Ulmus pumila	45.38786353	-122.780283											
45	Siberian elm	Very Poor	Very Poor	27.78	16	10	4	12	75ft-100ft	Ulmus pumila	45.38781571	-122.7802937										
46	European white birch	Dead/Dying	Failed/Failing	14.14	10	10		<15ft	Betula pendula	45.38777344	-122.7787431											
48	Scouler willow	Fair	Fair	8				N/A	Salix scouleriana	45.38763131	-122.7787457											