



**Tree Solutions and Environmental
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October 8, 2019

Hawaiiana Management
Donna LaFrance
Crest at Wailuna Tree Assessment

The following Tree Assessment Report was requested by the AOA Crest at Wailuna Board regarding trees growing outside their property boundaries that have the potential to fall into Crest at Wailuna property causing injury to residents and/or property damage.

The perimeter property is owned by Kamehameha Schools where the trees originate are growing over/or leaning toward the Crest at Wailuna. Perimeter trees consist of large mature Albizia, Eucalyptus, and Java Plum trees that are fast growing trees reaching heights of 100-ft. These species have undesirable growth characteristics including unpredictable branch failure under both calm and windy conditions. Root structures are aggressive extending well beyond their canopy spread.

To maintain an acceptable level of risk to the Crest at Wailuna requires regular inspections, pruning, and removal of adjacent tree vegetation.

A proactive pruning and removal program are recommended to reduce potential failures and reduce maintenance costs.

A site inspection was conducted on 9/27/2019 with Michael Ryan & representatives of the Crest at Wailuna Board.

Nineteen (19) sites were identified for pruning and removal. Locations are numbered on the site map that corresponds to the spreadsheet providing:

- Tree number.
- Unit #.
- Species.
- Mitigation. (crown prune, root prune, remove)
- Comments.

The potential of failures impacting either maintenance personnel, residents walking in the area, damage to fences, landscapes, and structures are addressed in this report. As tree branches continue to grow potential for failure and damage increases.

Since our last assessment in May of 2018 the majority of the highest risk trees have been removed or pruned. The clearance behind the property line fencing has been cleared and maintained providing a clear walkway.

The highest risk Albizia tree #3 has potential of branch failure occurring behind Unit-118. I recommend removal or heavy directional pruning.



Eucalyptus #7 behind Unit-129 is decayed and leaning toward the house should be removed.



Java Plum, Eucalyptus, & Christmas Berry, behind Units-113-129 are not presently high-risk but will increase in size and soon become high-risk trees. Removal and directional pruning back of these trees would be minimal cost compared to the cost when they become a higher-risk.

Albizia trees behind Units-13-47 are sufficient distance from Crest at Wailuna homes. The area between property fences to the edge of the Albizia tree line is well maintained creating a fire break. The area is also an area that residents can walk their dogs, exercise, and children can play. There are a lot of dead hanging and broken branches in the large Albizia trees that could fall into the open fire break. I recommend removing high-risk branches. Surface roots are extending through the entire break and growing toward the property fences and house foundations. The roots should be pruned way before the fences.



The remaining trees on the spreadsheet list have high potential for failure and should be addressed before failures occur.

If you have any questions, please contact my office at 808-734-5963

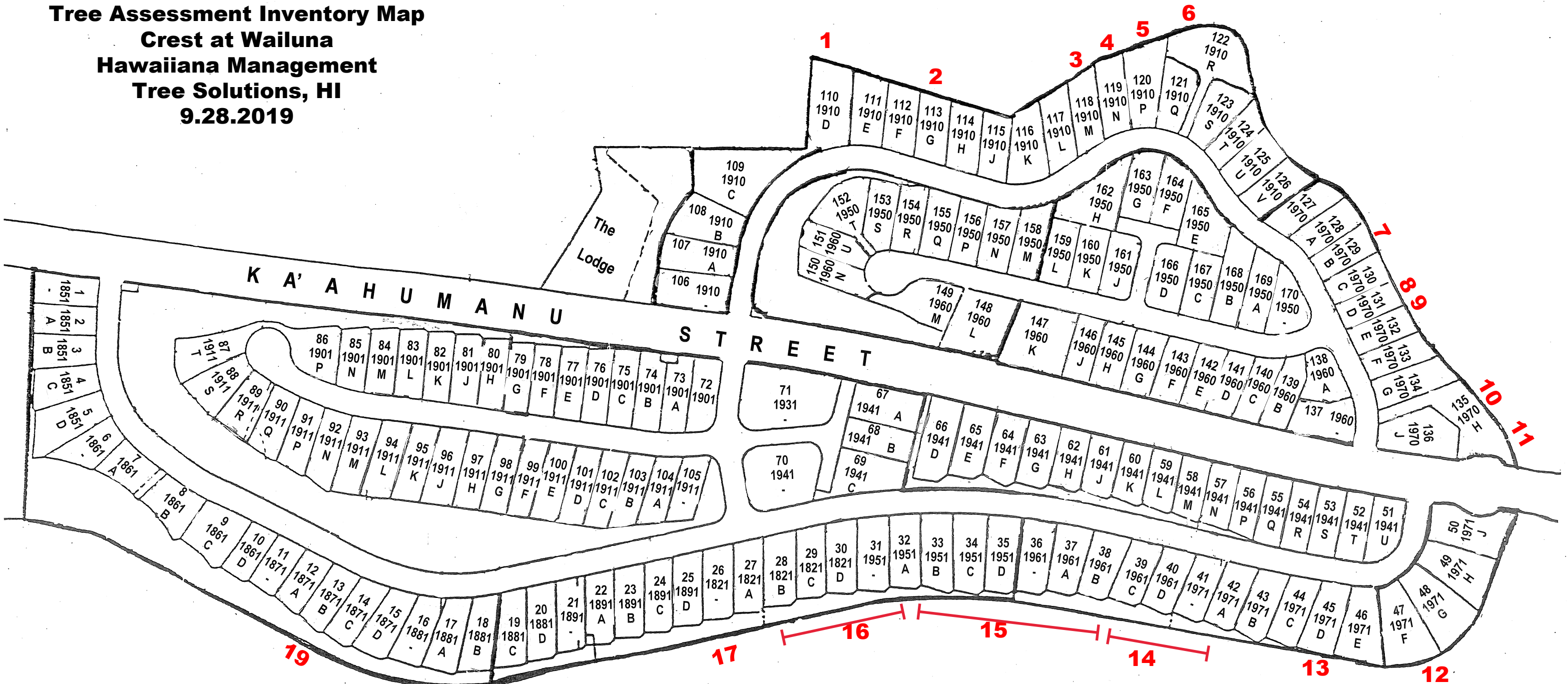
Respectfully yours,

A handwritten signature in black ink, appearing to read "Steve Nimz".

Steve Nimz,
ASCA Consulting Arborist

ISA Certified Arborist # WE- 0314AM
ISA Tree Risk Assessment Certified

Tree Assessment Inventory Map
Crest at Wailuna
Hawaiiana Management
Tree Solutions, HI
9.28.2019



THE CREST AT WAILUNA
PHASE 1, 2, 3, 4, 5, AND 6

Tree #	Address	Species	CP: Crown Prune, RP: Root Prune, RE: Remove	Priority: High, Medium, Low	Comments
1	110	Silk Oak	CP	M	remove branches over yard
2	113	Java Plum	CP	M	remove branches near fence
3	118	Albizia, Caster bean tree	CP, RE	H	Heavy directional pruning away from house. Remove 2" diameter castor bean sprout.
4	119	Albizia	CP	M	remove branches near fence line
5	120	Java Plum	CP	M	remove branches near fence line
6	122	Java Plum	CP	M	remove branches near fence line
7	129	Eucalyptus, Ch. Berry	RE	H	Leaning towards house with decayed trunk.
8	131	Eucalyptus	CP	H	Directionally prune away from fence
9	131/2	Eucalyptus	CP	H	Directionally prune away from fence
10	135	Eucalyptus (2)	CP	M	Removed structural branch towards property. Excessive external roots to prune. Not a threat to homes.
11	135	Eucalyptus	CP	M	remove branches over hanging palms
12	47	Albizia	CP	M	remove dead branches
13	45	Albizia (2)	RP, RE	H	Remove tree closer to property. Directionally prune other tree away from property. Root prune external roots away from property.
14	42-39	Albizia	CP, RP	L	Directionally prune away from property. Remove dead branches. Root prune external roots away from property.
15	39-32	Albizia	CP, RP	L	Directionally prune away from property. Remove dead branches. Root prune external roots away from property.
16	32-28	Albizia	CP, RP	L	Directionally prune away from property. Remove dead branches. Root prune external roots away from property.
17	26	Albizia	CP, RP	L	Directionally prune away from property. Remove dead branches. Root prune external roots away from property.
18	16	Albizia (3)	CP, RP	L	Remove smaller tree. Directionally prune away from property. Remove dead branches. Root prune external roots away from property.
19	13	Albizia	CP	L	Directionally prune away from property.