

**ARBORIST SOLUTIONS**

**Andrew Raines**

ISA Certified Arborist

ISA TRAQ Certified

ISA Utility Specialist

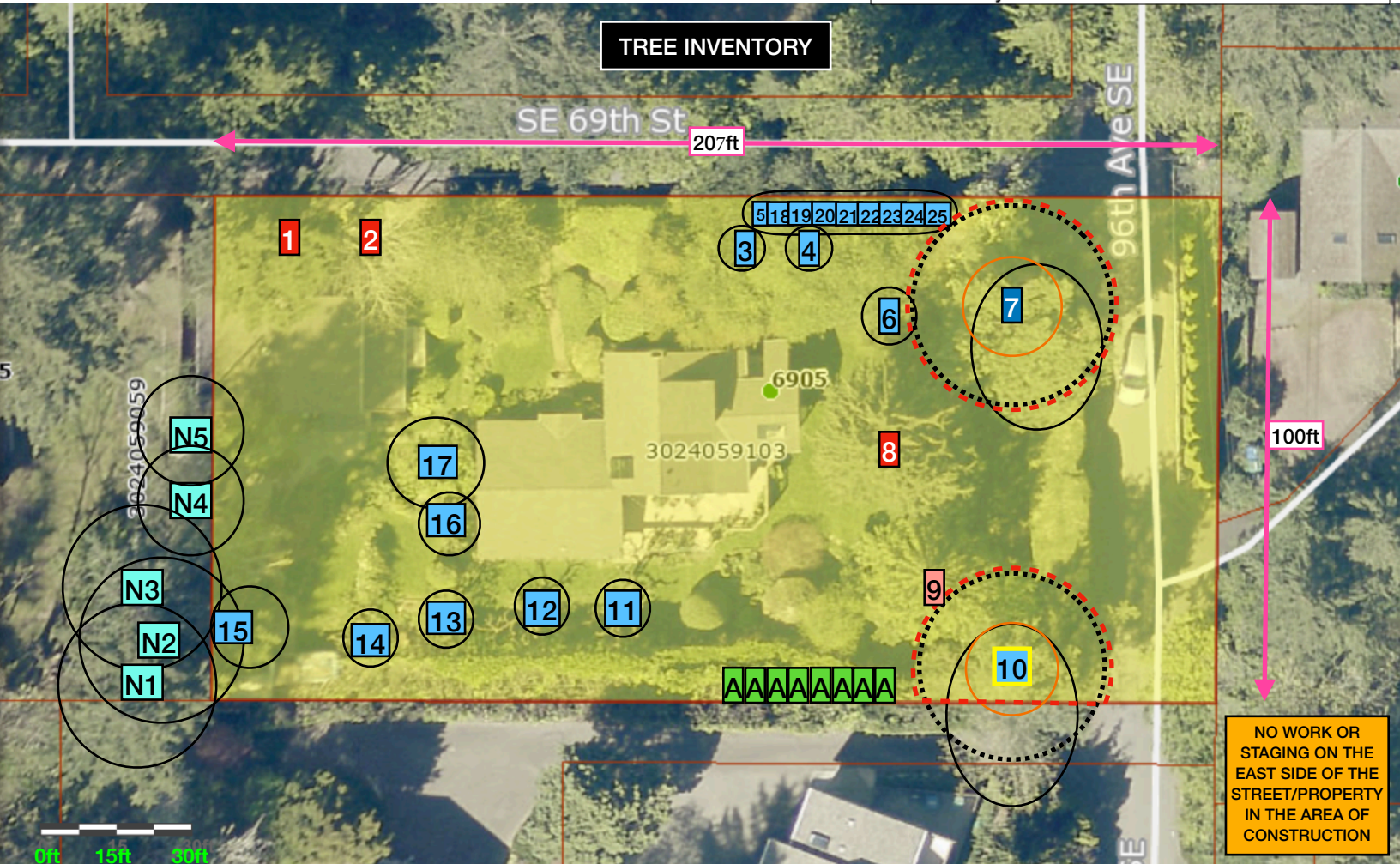
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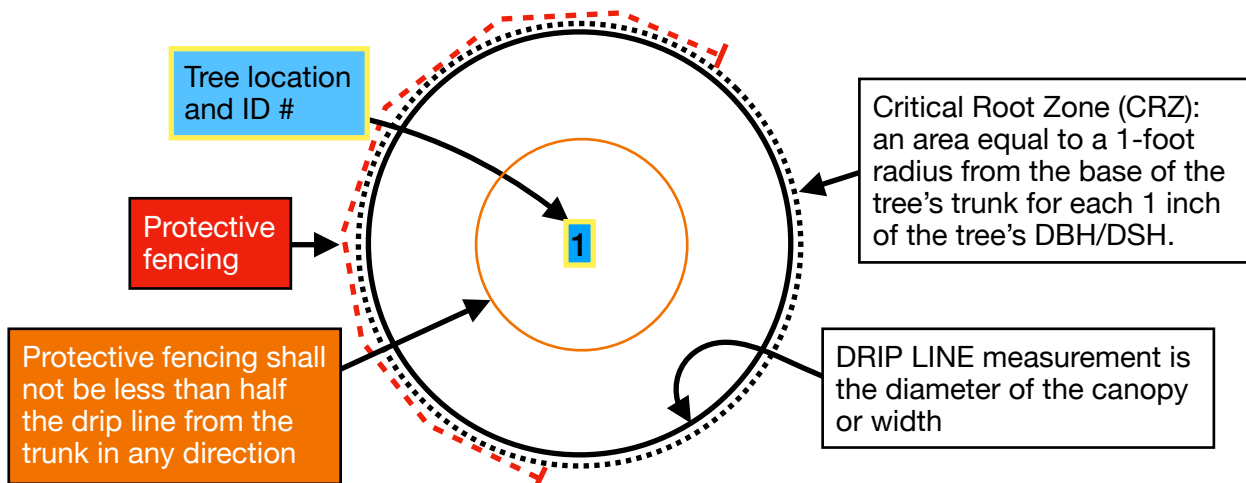
Andrew.Raines.Arb@gmail.com



Parcel 3024059103
Present use: Single Family(Res Use/Zone)
Jurisdiction: MERCER ISLAND
Taxpayer name: BORTH LONG & UYEN LE
Address: 6905 96TH AVE SE 98040
Appraised value: [REDACTED]
Lot area: 20,000
Levy code: 1031



Tree protection fencing shall be installed as the first part of the project to reduce all impacts inside of the CRZ of any protected tree.



# TREE PROTECTION AREA (TPZ)

## KEEP OUT!

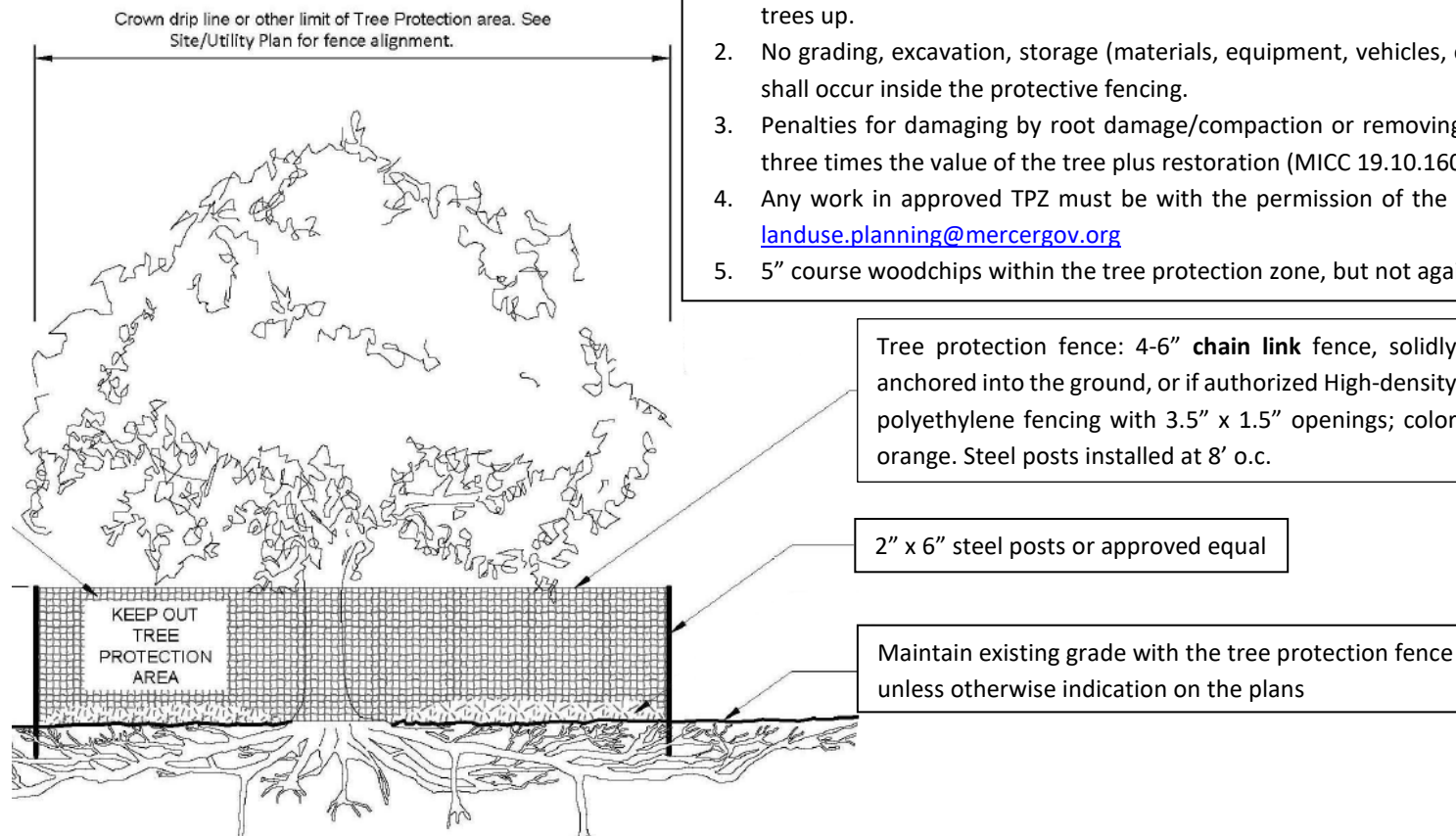
### DO NOT REMOVE OR ADJUST THE APPROVED LOCATION OF THIS TREE PROTECTION AREA

Trees enclosed by this fence are protected and are subject to the conditions of the tree permit. Violation of tree conditions may lead to:

1. Correction Notices or Stop Work Orders until compliance is achieved
2. RE Inspection Fees/financial penalties
3. Arborist reports recommending mitigation

#### Notes

1. No pruning shall be performed unless under the direction of the Project Arborist. Including limbing trees up.
2. No grading, excavation, storage (materials, equipment, vehicles, etc.), or other unpermitted activity shall occur inside the protective fencing.
3. Penalties for damaging by root damage/compaction or removing a saved tree may be a fine up to three times the value of the tree plus restoration (MICC 19.10.160).
4. Any work in approved TPZ must be with the permission of the Land Use and Planning Division at [landuse.planning@mercergov.org](mailto:landuse.planning@mercergov.org)
5. 5" course woodchips within the tree protection zone, but not against the tree trunk.






Any Work in the protected area must be with the permission of the Land Use and Planning Division at [landuse.planning@mercergov.org](mailto:landuse.planning@mercergov.org)

Significant trees	Significant neighbors tree	Significant removal	Replacement trees
Exceptional trees	Exceptional neighbors tree	Exceptional removal	Protected tree= yellow border

TREE #	Species	DBH" DIAMETER	H'	W' DRIPLINE DIAMETER	Condition	Mitigation
1	Douglas fir	34	100	30	Hazard; previously topped at 60ft (internal decay at topped), co-dom tops prone to fail, bark decay	Remove  
2	Bigleaf maple	37	60	25	Hazard; root and base decay, previously failed at 9ft	Remove 
3	Holly	12.5	25	7	-IN A GROVE OF HOLLY	Retain
4	Holly	12	25	7	-IN A GROVE OF HOLLY	Retain
5	Holly	16	25	7	-IN A GROVE OF HOLLY	Retain
6	Birch	13.5	8	10	Internal decay throughout	Retain or remove 
7	Scotts pine	27	65	35	<u>In the area of construction</u>  Normal (Dull in color)	<u>Protect and retain</u>  CRZ -From trunk to fencing: 27FT -Across/diameter: 56.26FT

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TREE #	Species	DBH" DIAMETER	H'	W' DRIPLINE DIAMETER	Condition	Mitigation
8	Hemlock	36	95	35	Hazard; co-dominant base with included bark, lead towards house missing structural wood, and base cavity	Remove 
9	Western red cedar	23.75	35	25	In the way of construction: intended front walkway and construction path	Remove
10	Scotts pine	21.5	35	20	<u>In the area of construction</u>  Normal (Dull in color)	<b><u>Protect and retain</u></b>  CRZ -From trunk to fencing: 21.5FT -Across/diameter: 44.79FT
11	Cherry	16	10	8	Mostly dead with internal decay throughout -REDUCED/ROUDNED	Retain or remove 
12	Plum	14.5	15	10	Mostly dead with internal decay throughout and fungus present -REDUCED/ROUDNED	Retain or remove 
13	Apple	12	10	8	Normal -REDUCED/ROUDNED	Retain
14	Apple	14	8	8	Normal -REDUCED/ROUDNED	Retain

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TREE #	Species	DBH" DIAMETER	H'	W' DRIPLINE DIAMETER	Condition	Mitigation
15	Douglas fir	11	50	12	Normal -REDUCED/ROUDNED	Retain
16	Green apple	10	15	15	Normal	Retain
17	Green apple	8	20	15	Normal	Retain
18	Holly (grove/row)	14	20	5	Barrier trees- all the same size	Retain
19	Holly (grove/row)	14	20	5	Barrier trees- all the same size	Retain
20	Holly (grove/row)	14.5	20	5	Barrier trees- all the same size	Retain
21	Holly (grove/row)	12	20	5	Barrier trees- all the same size	Retain
22	Holly (grove/row)	12	20	5	Barrier trees- all the same size	Retain
23	Holly (grove/row)	9	20	5	Barrier trees- all the same size	Retain
24	Holly (grove/row)	8	20	5	Barrier trees- all the same size	Retain
25	Holly (grove/row)	8.5	20	5	Barrier trees- all the same size	Retain
N1	Douglas fir	18	120	30	Neighbors tree Canopy= NORMAL	Retain
N2	Douglas fir	20	120	30	Neighbors tree Canopy= NORMAL	Retain
N3	Douglas fir	18	80	30	Neighbors tree Canopy= NORMAL	Retain
N4	Birch	12	40	20	Neighbors tree Canopy= DISEASED	Retain
N5	Birch	12	40	20	Neighbors tree Canopy= DISEASED	Retain
A	Emerald green arborvitae	1-2	6	-	Replacement trees: after construction and between Nov-April.	Plant

**Replacement trees:** Row of 8 Emerald green arborvitae were selected with the goal of that they will provide privacy for the DADU. Also, by installing them on the border of the property, these trees won't interfere with the building of the main home (north of DADU) in the near future in Phase 3 of the project.

**When to plant replacement trees:** In the Pacific Northwest, this is generally between November and April. Avoid planting trees when the ground is frozen or during hot, dry weather. This species shouldn't need

maintenance and nothing should be planted that needs it. Trees shall be replaced after all construction is finished.

**Inventory and survey:** All the significant trees I inventoried I add to my map as accurate as possible. The location of the surveyed trees also seem to be accurate.

**Area of disturbance:** tree protection shall be added to tree 10. As long as protective fencing stays in place there are no concerns for impact. If the project involved disturbance in this area its recommended to airspace in the CRZ/dripline. From there we can assess how to mitigate.

### **MERCER ISLAND TREE INVENTORY & REPLACEMENT**

**SUBMITTAL INFORMATION FORM:** This form looks to be accurate and matches the arborist report and calculations.

