

Tree Preservation Plan for 5020 SE 38th Ave.

This Tree Preservation Plan is required by Chapter 11.50.020 for a demolition permit at 5020 SE 38th Ave., Portland, OR. All trees were inventoried by an ISA Certified Arborist and tree diameter measurements are consistent with City Code- please see the Tree Table for details. There are four trees on the property that are twelve inches in diameter or larger, and the two largest trees will be protected during the deconstruction process. More than one-third of all trees twelve inches in diameter and larger are protected, so no mitigation money is payable to the City.

The root protection zone (RPZ) for Tree 1 (T1) is a Prescriptive Path schema that begins and ends at the property line. T1, an Oregon-myrtle or pepperwood tree, is an Oregon native species slightly out of its natural range to the west. The existing metal fence attached to T1 should be removed as feasible without damaging the trunk further. Noxious weeds should be cleared from the immediate area around the tree.

The RPZ for T2, the 35-inch pine tree, is based on the Prescriptive Path, but it is interrupted by two buildings to be deconstructed plus five trees to be removed. Thus it becomes a Performance Path plan. Enough space between the tree protection fencing and the work areas will be left open for people to transact the deconstruction and tree removal work. After the deconstruction of the two buildings and the filling and compaction of the existing cellar, tree protection fencing can be expanded to fulfill the Prescriptive Path form.

The five non-native, Deodar cedar trees are growing from a sort of nurse log. I believe they were originally branches from a fallen tree that have morphed into trees themselves. These, along with the Pacific yew will be removed. The lower trunk of the Pacific yew has split and decayed, and there is an imminent danger that the larger portion will peel off and fall into the street, sidewalk and communication lines to the south. The tree appears to be growing on the property line, shared with the City right-of-way. This makes it imperative that the City Forester is involved with the removal decision.

The tree protection fence will be built as shown in the Demolition Site Plan prior to deconstruction and tree removal activities. Fencing will consist of 6-foot-high metal chain link fencing secured with 8-foot metal posts. It shall be marked by signage stating that penalties will apply for violations and providing contact information for the project arborist. There will be no grade change or cut and fill, staging or storage of materials, nor vehicle maneuvering within any root protection zone.

The bare dirt inside the RPZ for T2 should be dressed with two-to-four inches of woody mulch such as arborist chips (which are generally available at no cost). The equipment used to fill the existing cellar may also be used to introduce and spread the mulch. In the hot, dry weather that the Willamette Valley has been experiencing, even stand-alone pine trees have become a target of choice for bark beetles. Keeping the soil moist, uncompacted and otherwise healthy is the best defense against this scourge.

Adherence to this tree protection plan will satisfy the requirements of the tree preservation code and comply with local laws and regulations. Tree protection measures should be inspected and approved before any clearing or deconstruction work begins. It is the owner's responsibility to implement this tree plan and to monitor the process to its conclusion. Deviations can result in tree damage, liability, and violation of the City Code.

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1. The client warrants any legal description provided to the Consultant is correct and titles and ownerships to property are good and marketable. Consultant shall not be responsible for incorrect information provided by Client.
2. Consultant can neither guarantee nor be responsible for the accuracy of information provided by others.
3. The Consultant shall not be required to give testimony or attend court or hearings unless subsequent contractual arrangements are made, including additional fees.
4. The report and any values expressed therein represent the opinion of the Consultant, and the Consultant's fee is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
5. Sketches, drawings and photographs in the report are intended as visual aids and may not be to scale. The reproduction of information generated by others will be for coordination and ease of reference. Inclusion of such information does not warrant the sufficiency or accuracy of the information by the Consultant.
6. Unless expressed otherwise, the information in the report covers only items that were examined and reflects the condition at the time of inspection. The inspection is limited to visual examination of accessible items without laboratory analysis, dissection, excavation, probing, or coring, unless otherwise stated.
7. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the plants or property in question may not arise in the future.
8. The report is the completed work product. Any additional work, including production of a site plan, addenda and revisions, construction of tree protection measures, tree work, or inspection of tree protection measures, for example, must be contracted separately. Loss or alteration of any part of the report invalidates the entire report.
9. Any action or proceeding seeking to enforce any provision of this Agreement shall be brought against any of the parties in Multnomah County Circuit Court of the State of Oregon, or, when applicable, in the United States District Court for the District of Oregon. Each party consents to the jurisdiction of such courts (and of the appropriate appellate courts) and waives any objection to such venue.



Peter Torres

Master of Forestry OSU ASCA RCA 372 ISA Certified Arborist PN-0650B TRAQualified

No.	Species	¹ DBH	² DBH	Remarks	Action	RPZ	Canopy Credit
1	Oregon myrtle	17	17	Remove old wire fence from trunk as feasible.	protect	17	1000
				Appears to be on lot line with property to west.			
2	Jeffrey pine	35	35	Mulch bare ground inside tree protection fence with arborist chips.	protect	35	3000
3	Deodar cedar	9	9	Crowded stand of cedar trees growing out of a nurse log, possibly	remove	0	0
4	Deodar cedar	13	13	starting as branches on a tree that fell.	remove	0	0
5	Deodar cedar	9	9	On nurse log.	remove	0	0
6	Deodar cedar	8	8	On nurse log.	remove	0	0
7	Deodar cedar	16	16	On nurse log.	remove	0	0
8	Pacific yew	32.5	0	Two main trunks, 26" & 13". Tree is splitting in two, and in terminal decline.	remove	0	0
				See photographs next page. Appears to be on lot line with City ROW.			
							4000

Summary	
12" & larger trees	4
Protected 12" trees	2
% of trees protected	50%

Prepared for DEZ Development LLC. garrett@dezdevelopment.com. 360-957-8096.

RPZ means Root Protection Zone, a circle radius measured in feet. RPZs will be modified due to existing buildings- see narrative and site plan.

DBH¹ means Diameter at Breast Height for all trees. DBH² includes non-exempt trees only.

See narrative and site plan; all RPZs are Performance Path Root Protection Zones.

Demolition permits have neither an on-site tree density requirement (11.50.050.B.1.d.) nor a street tree density requirement.

The information below and the Canopy Credit column above will be relevant only if development occurs later.

Property area is 9,600 square feet.

There are overhead high voltage lines on SE 38th Ave. and the street tree planting strip is 7 feet wide.

Species

Oregon myrtle- *Umbellularia californica*

Jeffrey pine- *Pinus jeffreyi*

Deodar cedar- *Cedrus deodara*

Pacific yew- *Taxus brevifolia*

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**Tree #9 Pacific yew**

This half of the tree leans into the street, communication lines and sidewalk.

17-inch clipboard in the split trunk.

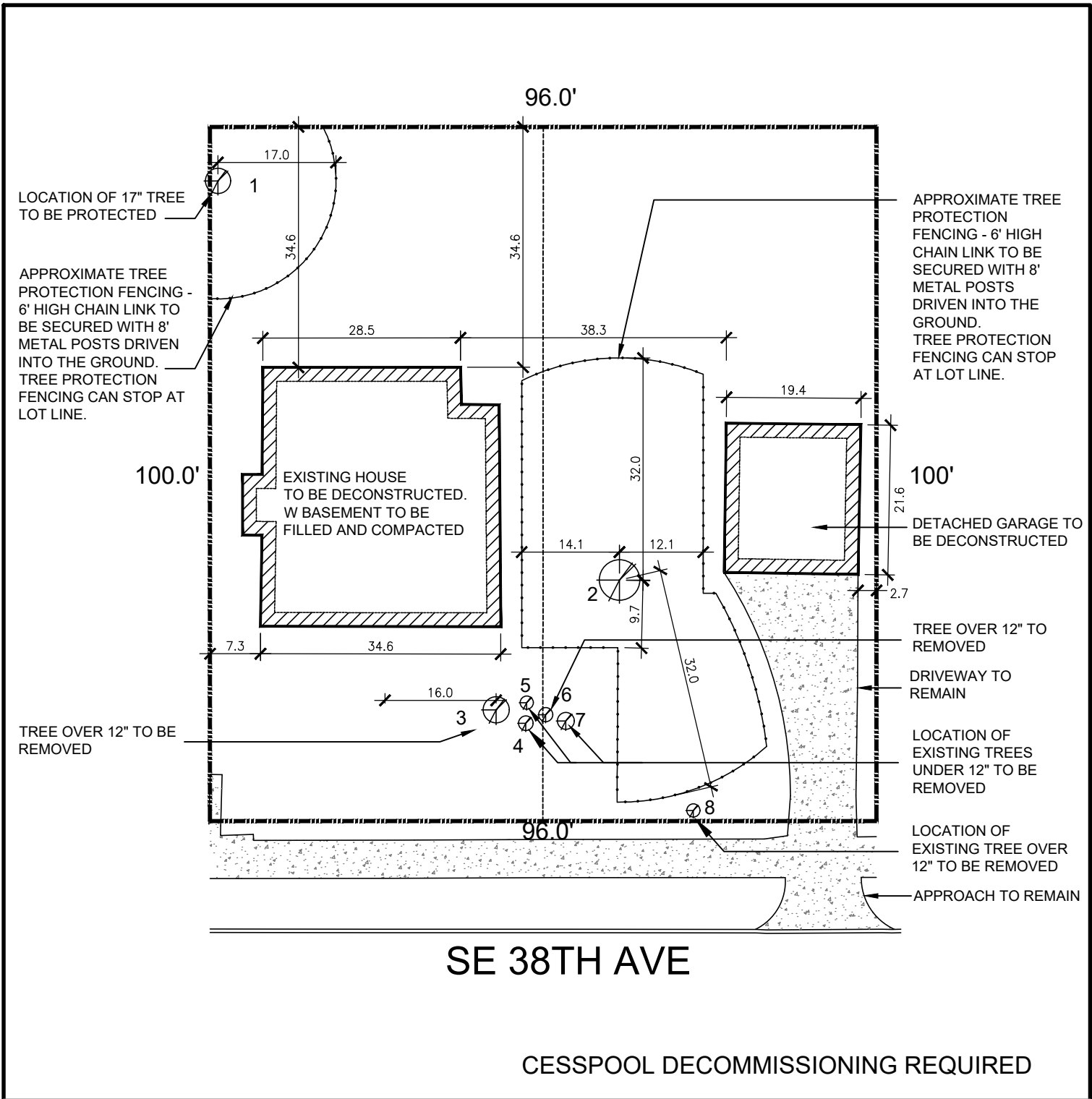
The split in the trunk extends to grade and beyond.

The tree is replete with dead and dying branches and foliage.

The healthy green seen here is the notorious English ivy.

This is the larger part of the tree, splitting off towards street.





PURPOSE: DECONSTRUCT EXISTING SINGLE FAMILY HOUSE WITH BASEMENT AND DETACHED GARAGE		SITE AREA: 9,600 SQ. FT.	
APPLICANTS NAME AND ADDRESS: GARRETT SANDBERG 10117 SE SUNNYSIDE ROAD, SUITE F1123 CLACKAMAS, OR 97015 TEL: (360) 957-8096		LEGAL DESCRIPTION OF PROPERTY: PORTERS ADD, BLOCK 8, LOT 7&8 CITY OF PORTLAND, MULTNOMAH COUNTY STATE OF OREGON	
DEZ DEVELOPMENT LLC 10117 SE SUNNYSIDE ROAD, #F1123 CLACKAMAS, OREGON 97015 TEL: (503) 209-7561		5020 SE 38TH AVE DEMOLITION SITE PLAN DATE: 2/25/2022	
		DRAFTED BY: GS SCALE: 1:20	SHEET 1 OF 1