

Tree 1. the Maple will be balled and bagged, stored on site, and replanted a the end of construction. The root ball is to be buried in mulch and monitored by the project arborist weekly or as needed to maintain optimum conditions. Records are to be kept on these site inspections.

Tree 2. The walkway has been redesigned to be at grade. The whole dripline is to be covered in 5-6" of mulch. As previously reported; the soil is compacted around the tree over 300 psi (12 probes were conducted at various distances from the trunk) penetration never was able to exceed ½-2" of depth before the psi went off the chart. The dripline extends over the existing building, and the 3' of over-excavation of the new building will also encroach into the zone. Air spade work will be performed before excavation in this area to ensure that any roots found are properly treated and recorded. Our professional opinion is that with the high level of soil compaction and the current foundation, there will be a minimal number of roots found. The total is well below the ISA standard of no more than 25% of the root plate affected.

Respectfully Submitted



1/18/23

Neal Baker
ArboristsNW.com
ISA Cert. PN1075A
TRAQ ISA (Tree Risk Assessment Qualified)
Member AREA & SOCA

CITY OF MERCER ISLAND

COMMUNITY PLANNING & DEVELOPMENT

9611 SE 36TH STREET | MERCER ISLAND, WA 98040

PHONE: 206.275.7605 | www.mercergov.org



MERCER ISLAND TREE INVENTORY & REPLACEMENT SUBMITTAL INFORMATION

PROJECT INFORMATION

Property Owner
Name: _____

Site Address or
Parcel Number: _____

Project Contact
Name: _____

Contact Email
Address: _____

Contact Phone
Number: _____

EXCEPTIONAL TREES

Exceptional Trees- means a tree or group of trees that because of its unique historical, ecological or aesthetic value constitutes an important community resource. A tree that is rare or exceptional by virtue of its size, species, condition, cultural/historical importance, age, and/or contribution as part of a tree grove. Trees with a diameter of more than 36 inches, or with a diameter that is equal to or greater than the diameter listed in the Exceptional Tree Table shown in MICC 19.16 under Tree, Exceptional.

List the total number of trees for each category and the tree identification numbers from the arborist report.

Number of trees 36" or greater _____

List tree numbers: _____

Number of trees 24" or greater (including 36" or greater) _____

List tree numbers: _____

Number of trees from Exceptional Tree Table (MICC 19.16) _____

List tree numbers: _____

LARGE REGULATED TREES

Large Regulated Trees- means any tree with a diameter of 10 inches or more, and any tree that meets the definition of an Exceptional Tree.

Number of Large Regulated Trees on site _____ (A)

List tree numbers: _____

Number of Large Regulated Trees on site proposed for removal _____ (B)

List tree numbers: _____

Percentage of trees to be retained ((A-B)/Ax100) note: must be at least 30% _____ %

RIGHT OF WAY TREES

Right of Way Trees- means a tree that is located in the street right of way adjacent to the project property.

Number of Large Regulated Trees in right of way _____

List tree numbers: _____

Number of Large Regulated Trees in right of way proposed for removal _____

List tree numbers: _____

Reason for removal: _____

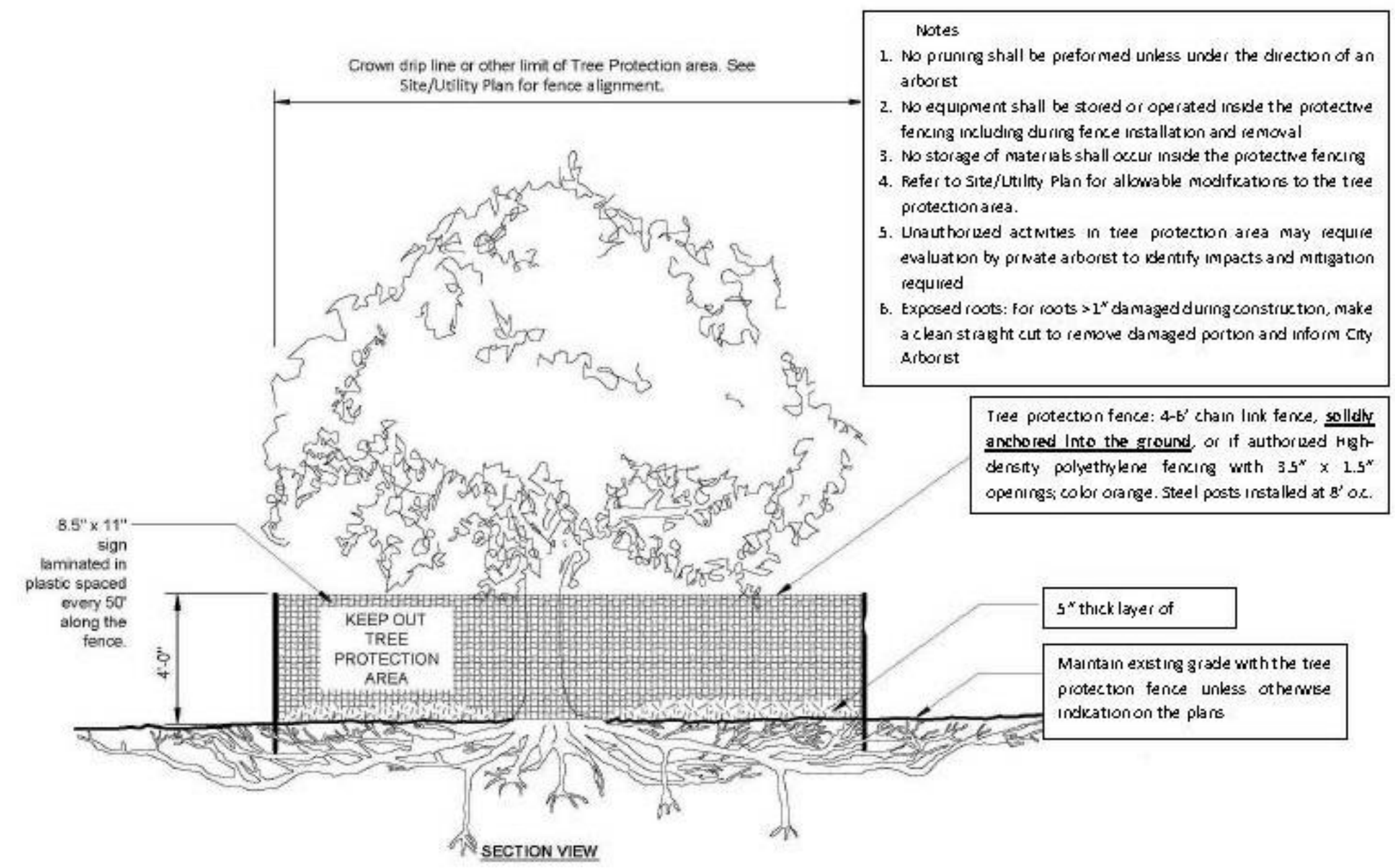
TREE REPLACEMENT

Tree replacement- removed trees must be replaced based on the ratio in the table below. Replacement trees shall be conifers at least six feet tall and or deciduous at least one and one-half inches in diameter at base.

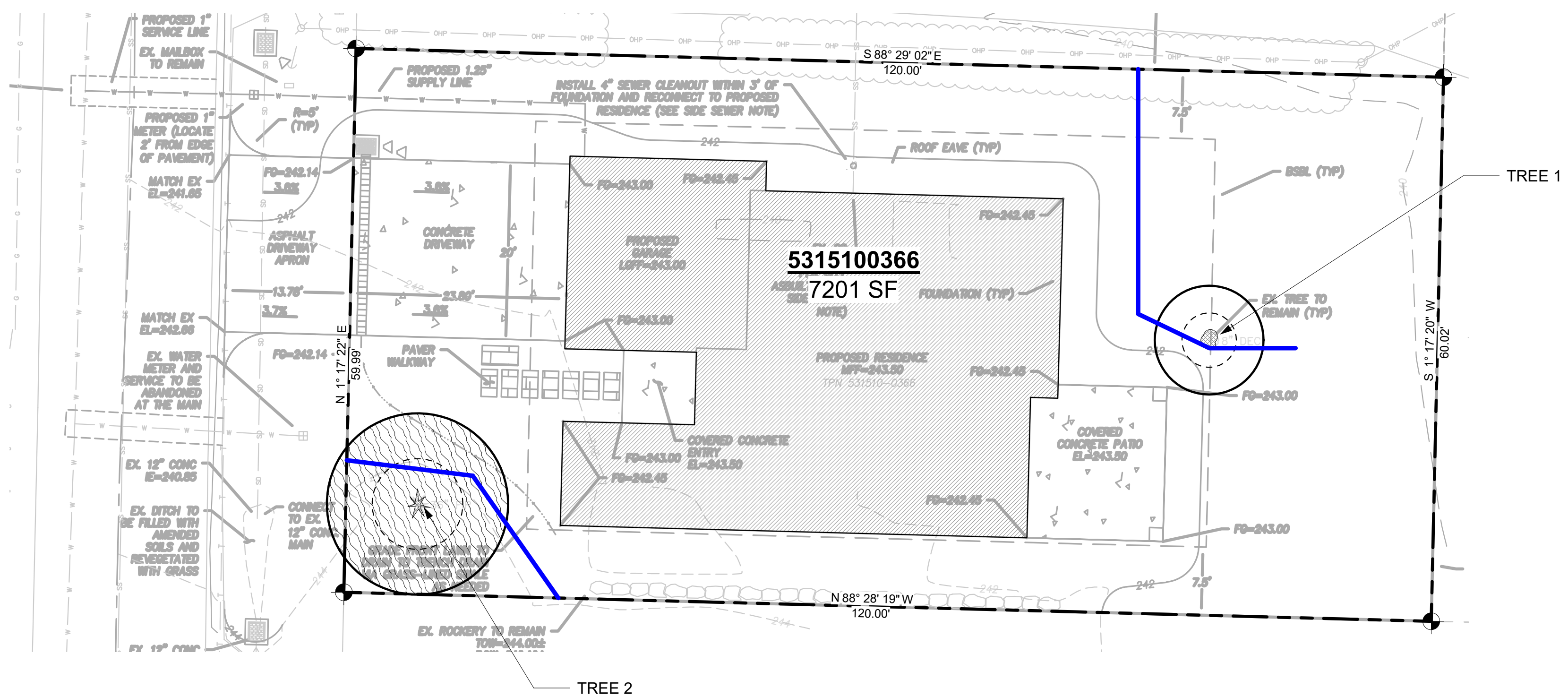
Diameter of Removed Tree (measured 4.5' above ground)	Tree replacement Ratio	Number of Trees Proposed for Removal	Number of Tree Required for Replacement Based on Size/Type
Less than 10"*	1		
10" up to 24"	2		
Greater than 24" up to 36"	3		
Greater than 36" and any Exceptional Tree	6		
TOTAL TREE REPLACEMENTS			

****no replacement tree is needed if the tree fits all of the following;
Less than 10 inches in diameter, not an exceptional tree, and not a replacement tree from another tree permit. ****

No.	Description	Date



2 Mercer Island Tree Protection Detail
 1/4" = 1'-0"



ARBORISTS SITE PLAN
 1" = 10'-0"



	TREE DRIP LINE (DL)
	DIAMETER STANDARD HEIGHT (DSH)
	EVERGREEN TREE
	DECIDUOUS TREE
	TREE TO BE REMOVED
	TREE PROTECTION FENCING
	NEW TREE
	MULCH COVER - 5"-6"

TREE #	TREE TYPE	DBH	DRILINE	CONDITION	RETAIN OR REMOVE
1.	JAPANESE MAPLE <i>ACER PALMATUM</i>	8.8	12'	GOOD	RETAIN
2.	DOUGLAS FIR <i>PSEUDOTSUGA MENZIESII</i>	32	20'	FAIR	RETAIN

PREPARED BY:
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 ISA CERT. PN1075A
 TRAQ ISA (TREE RISK ASSESSMENT QUALIFIED)
 MEMBER AREA & SOCA
 PH: 206 779 2579

HU PROJECT

2448 72nd AVE SE Mercer Island, WA.

HU PROJECT

ARBORIST TREE PLAN

Project number	22021
Date	--
Drawn by	CW
Checked by	NB

X100

Scale As indicated