

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

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 6

List tree numbers: 3, 21, 26, 27, 28, 30

Number of trees 24" or greater (including 36" or greater) 12

List tree numbers: 3, 7, 8, 9, 11, 19, 20, 21, 26-8, 30

Number of trees from Exceptional Tree Table (MICC 19.16) 7

List tree numbers: 7, 11, 21, 26, 27, 30, 32

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 29 (A)

List tree numbers: 3, 7-19, 20-8, 30-2, 35-7

Number of Large Regulated Trees on site proposed for removal 3 (B)

List tree numbers: 4, 5, 6

Percentage of trees to be retained ((A-B)/Ax100) note: must be at least 30% 89.65 %

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 0

List tree numbers: N/A

Number of Large Regulated Trees in right of way proposed for removal 0

S:\CPD\FORMS\1Current Forms\Engineering Forms\Tree\MercerIslandTreeInventoryReplacementSubmittalInformation.docx

11/2019

List tree numbers: N/A

Reason for removal: N/A

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	3	3
10" up to 24"	2		
Greater than 24" up to 36"	3		
Greater than 36" and any Exceptional Tree	6		
TOTAL TREE REPLACEMENTS			3

**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. **

EXISTING TREES

TREE #	TREE TYPE	DBH	DRIPLINE	RETAIN OR REMOVE	
1.	WESTERN RED CEDAR	19" DBH	20' DL	RETAIN	
2.	MOUNTAIN ASH	6" DBH	10' DL	RETAIN	
3.	WESTERN RED CEDAR	48" DBH	21' DL	RETAIN	
4.	JAPANESE MAPLE	9" DBH	15' DL	RETAIN	
5.	PACIFIC DOGWOOD	7" DBH	15' DL	RETAIN	
6.	MAGNOLIA	12" DBH	15' DL	RETAIN	
7.	WESTERN RED CEDAR	33" DBH	20' DL	RETAIN	
8.	WESTERN RED CEDAR	25" DBH	20' DL	RETAIN	
9.	DOUGLAS FIR	20" DBH	20' DL	RETAIN	
10.	DOUGLAS FIR	22" DBH	20' DL	RETAIN	
11.	WESTERN RED CEDAR	33" DBH	18' DL	RETAIN	
12.	HEMLOCK	15" DBH	18' DL	RETAIN	
13.	HEMLOCK	15" DBH	18' DL	RETAIN	
14.	HEMLOCK	14" DBH	15' DL	RETAIN	
15.	HEMLOCK	12" DBH	12' DL	RETAIN	
16.	WESTERN RED CEDAR	12" DBH	12' DL	RETAIN	
17.	BIG LEAF MAPLE	ACER MACROPHYLLUM	28" DBH	25' DL	RETAIN
18.	BIG LEAF MAPLE	ACER MACROPHYLLUM	28" DBH	25' DL	RETAIN
19.	BIG LEAF MAPLE	ACER MACROPHYLLUM	27" DBH	20' DL	RETAIN
20.	WESTERN RED CEDAR	THUJA PLICATA	28" DBH	20' DL	RETAIN
21.	WESTERN RED CEDAR	THUJA PLICATA	57" DBH	24' DL	RETAIN
22.	WESTERN RED CEDAR	THUJA PLICATA	20" DBH	18' DL	RETAIN
23.	WESTERN RED CEDAR	THUJA PLICATA	18" DBH	20' DL	RETAIN
24.	WESTERN RED CEDAR	THUJA PLICATA	17" DBH	18' DL	RETAIN
25.	HEMLOCK	TSUGA HETEROPHYLLA	11" DBH	14' DL	RETAIN
26.	STUMP SPROUT			RETAIN	
27.	STUMP SPROUT			RETAIN	
28.	SPRUCE	PICEA MARIANA	39" DBH	22' DL	RETAIN
29.	PREVIOUSLY REMOVED			N/A	
30.	BIG LEAF MAPLE	ACER MACROPHYLLUM	41" DBH	30' DL	RETAIN
31.	WESTERN RED CEDAR	THUJA PLICATA	14" DBH	12' DL	RETAIN
32.	WESTERN RED CEDAR	THUJA PLICATA	30" DBH	20' DL	RETAIN
33.	PREVIOUSLY REMOVED			N/A	
34.	PREVIOUSLY REMOVED			N/A	
35.	GINKGO	GINKGO BILOBA	10" DBH	12' DL	RETAIN
36.	THUNDERCLOUD PLUM	PRUNUS CERASIFERA 'THUNDERCLOUD'	14" DBH	12' DL	RETAIN
37.	WESTERN RED CEDAR	THUJA PLICATA	21" DBH	15' DL	RETAIN

NEW / REPLACEMENT TREES

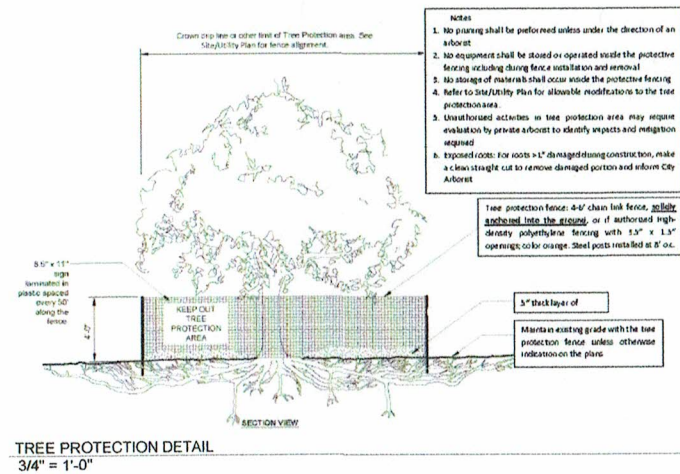
TREE #	TREE TYPE	PLANTED DBH
A.	WESTERN RED CEDAR THUJA PLICATA	8" DRIPLINE
B.	WESTERN RED CEDAR THUJA PLICATA	8" DRIPLINE
C.	WESTERN RED CEDAR THUJA PLICATA	8" DRIPLINE

(REPLACEMENTS WITH 20' OF SEPARATION OR AS CLOSE TO IT AS POSSIBLE.)

NOTE:

WHEN EXCAVATING FOR THE STORM PIPING THAT IS LOCATED WITHIN A TREES CRITICAL ROOT ZONE, THE EXCAVATION SHOULD BE DONE BY CAREFULLY DIGGING WITH HAND TOOLS OR BY USING AN AIRSPADE. SMALLER ROOTS CAN BE CUT IF NEEDED AND THE PIPING ROUTED AROUND LARGER ROOTS.

-REFER TO WETLAND RESOURCES SHEET 2/2 FOR RE-PLANTING IN THE CRITICAL AREA SPACE.

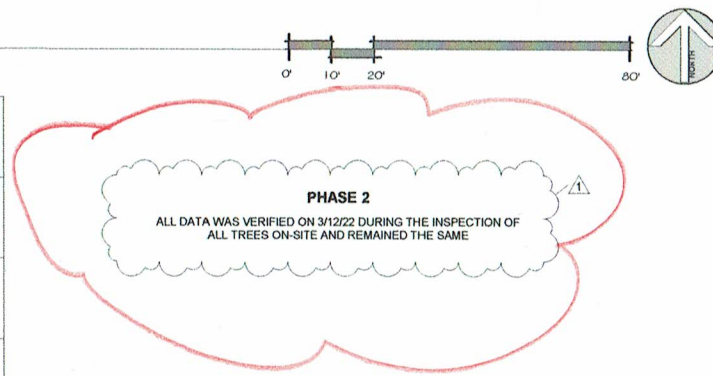


TREE PROTECTION DETAIL
3/4" = 1'-0"



ARBORISTS SITE PLAN
1" = 20'-0"

	1. TREES 10" AND GREATER
	2. TREES 24" AND GREATER
	3. TREES 36" AND GREATER
	4. EXCEPTIONAL TREES
	TREE TO BE REMOVED
	TREE PROTECTION FENCING
	NEW TREE



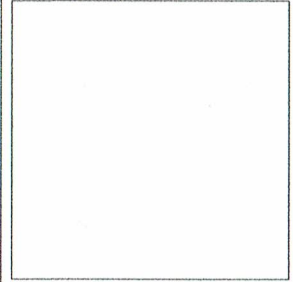
PREPARED BY:
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Arborists NW is a full spectrum arboricultural, consulting and landscape design and installation provider. When you think tree and landscape services, think Arborists NW.

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No.	Description	Date
1	ARBORIST SITE INSPECTION	03/12/22



HEADRICK RESIDENCE (PHASE 2)
8822 SE 62ND STREET, MERCER ISLAND, WA 98040

HEADRICK RESIDENCE (PHASE 2)

ARBORIST TREE PLAN

Project number	20006
Date	4/10/20
Drawn by	CW
Checked by	AB

L1

Scale As indicated