



Tree #	DBH	Species	Exceptional Tree?	Large Regulated Tree?	Proposed for Removal?	Notes
<b>NATIVE EVERGREENS</b>						
1	19.4"	Western Red Cedar	No	Yes	Yes	Mulch with wood chips
2	22.8"	Western Red Cedar	No	Yes	Yes	Mulch with wood chips
3	14.9"	Douglas Fir	No	Yes	-	Decompact soil with air spade, expose root flare (trunk buried)
4	6.2"	Western Red Cedar	No	No	-	Decompact soil with air spade, expose root flare (trunk buried); scars north side of trunk;
5	33.3"	Douglas Fir	Yes	Yes	-	Owner arranging removal of English Ivy; top lost in past.
6	14.2"	Douglas Fir	No	Yes	-	
7	15.2"	Western Red Cedar	No	Yes	YES	
8	11.2"	Common Hawthorn	No	No	-	
<b>DECIDUOUS TREES</b>						
9	Under 10"	Camellia japonica	No	No	-	
10	13.9"	Red Leaf Plum	No	Yes	YES	Ivy in Canopy
<b>RIGHT OF WAY TREES</b>						
11	19.7"	Austrian Black Pine, 3 stems	No	No-Yes	-	Ivy in Canopy
12	18.4"	Western Red Cedar	No	Yes	-	*All Cedars in ROW have been topped by utility co; Ivy
13	6"	English Holly	No	No-Yes	YES	Invasive
14	23.9"	Western Red Cedar	No	Yes	-	*
15	20"	Western Red Cedar	No	Yes	-	*
16	6.3"	Western Red Cedar	No	No-Yes	-	*
17	7.8"	Western Red Cedar	No	No-Yes	-	*
18	11.9"	Western Red Cedar	No	No-Yes	-	*
19	8.7"	Western Red Cedar	No	No-Yes	-	*
20	7.8"	Western Red Cedar	No	No-Yes	-	*
21	13.3"	Western Red Cedar	No	No-Yes	-	*
22	13.6"	Western Red Cedar	No	No-Yes	-	*
23	12.6"	Flowering Plum	No	Yes	YES	
24	7.6"	Vine Maple	No	No-Yes	YES	
25	7.1"	Western Red Cedar	No	No-Yes	-	

Proximity to house - concern they will fall & cause damage or injury

**Tree Protection**

- All existing trees and shrubs on the property are to remain and be protected throughout construction, unless otherwise noted.
- Tree Protection Fencing:** Install tree protection fencing in locations indicated on plan. Fencing will need periodic adjustment as project work progresses. Proposed tree protection fence relocations to be reviewed in the field with Landscape Architect (LA).
- Restricted Activities in Tree Protection Areas:** Construction trailers, traffic and storage areas shall remain outside the fenced areas at all times. No materials, equipment, spoil, waste or washout/wastewater (i.e., cement, paint) may be stored, deposited, or parked within the tree protection zone (fenced area) at any time. Exemptions may be made by the LA to store materials on existing paved areas under trees.
- Restricted Activity in Root Zone of Trees:** No storage of equipment or materials shall be allowed within the drip-line of trees.
- Temporary access to root zones:** Where construction operations unavoidably require temporary access over tree root zones or other soil protection areas, provide protection as follows: For foot access or similar light surface impacts, apply a 6" layer of arborist wood chips mulch and water regularly to maintain moisture, control erosion and protect roots. For any vehicle or equipment access, apply a minimum one inch steel plate or 4 inch thick timber planking over 2-3 inches or arborist wood chip mulch to protect roots and root zone soil from disturbance or compaction.
- Protection from equipment stabilizers:** Steel planking, or timber planking made of 4-inch thick material, each plank covering a minimum of 8 square feet, shall be used to support backhoe/equipment stabilizers when set within the drip-line of a tree.
- Pruning:** All efforts shall be made to avoid conflicts with tree limbs by temporarily tying up low limbs in the way of the work. When the Contractor anticipates construction operations that will unavoidably affect tree limbs, the Contractor shall notify the LA at least five (5) Working Days in advance of any pruning needed, and shall notify the LA of the proposed method and the amount of pruning required. Pruning shall be done by an ISA certified arborist. Pruning shall not be done by the General Contractor.
- Tree Trunk Protection:** Provide individual tree trunk protection for trees as noted on plan. Tree trunk protection shall consist of 2" x 4" lumber, 8' long, wired together and spaced approximately 6" on center around individual tree trunks, or a freestanding wood "cage" built around the trunk.
- Trenching and Tunneling Within the Drip-Line:** Excavation within the drip line of trees shall be by hand digging or air spade excavation. Consult LA to review roots in areas to be excavated as the work begins.
- Trenching and Tunneling Outside the Drip Line:** Excavation around roots 2-inches in diameter and greater requires handwork or air spading. All individual tree roots 2-inches or greater in diameter shall be protected whenever encountered. Tree roots smaller than 2-inches in diameter shall be cleanly cut flush with the edge of the trench or tunnel when necessary. Disinfect cutting tools frequently. Rippling or tearing of tree roots will not be allowed.
- Root Hydration:** Exposed roots to be kept hydrated during exposure to air with wet natural burlap laid over the roots, watered at least once daily.

**12. Repair, Replacement and Payment for Damage:**

- Trees or other plants not ordered or designated to be removed but that are destroyed or irreparably damaged by Contractor operations as determined by the Landscape Architect, shall be repaired or replaced in kind and size by the Contractor in accordance with the Landscape Architect's recommendations.
    - Replacements shall be of the same species and as nearly as possible of the same size as the trees to be replaced.
    - The Contractor shall allow ten (10) Working Days advance notice for inspection of nursery stock replacements by the Landscape Architect.
  - Payment: In addition to the Contractor's restoration approved by the Landscape Architect, the Contractor will be assessed damages for the difference in the dollar value of the damaged tree, shrub, or other plants, and the dollar value of the replacement.
    - The dollar value will be determined by the Engineer from the "Guide for Establishing Values of Trees and Other Plants," prepared by the Council of Tree and Landscape Appraisers, current edition. Damages assessed will be deducted from moneys due or that may become due to the Contractor.
  - Planting of replacement stock shall be done in accordance with the requirements of the Contract Documents during the first fall or spring planting period, whichever comes first.
  - Any damage to trees shall be reported to the Landscape Architect immediately so that remedial action can be taken to the affected tree(s). Timeliness of the remedial action can be critical to the tree's health.
- 12. Tree and Shrub Removals:** Confirm all trees and shrubs to be removed in field with LA before any removals are completed.
- 13. Tree and Shrub Transplanting:** Confirm all trees and shrubs to be transplanted in field with Landscape Architect (LA) before transplanting begins. Transplanting of trees should be scheduled when trees are dormant in late fall and winter (end October - February). Shrubs to be transplanted should ideally be planted in new locations immediately after digging to avoid need for storage, extra care and double handling. If this is not possible, they should be heeled in a protected, shaded area, with adequate irrigation and mulch around the roots to keep them hydrated.

**TREE INVENTORY**

**TREE PROTECTION NOTES**

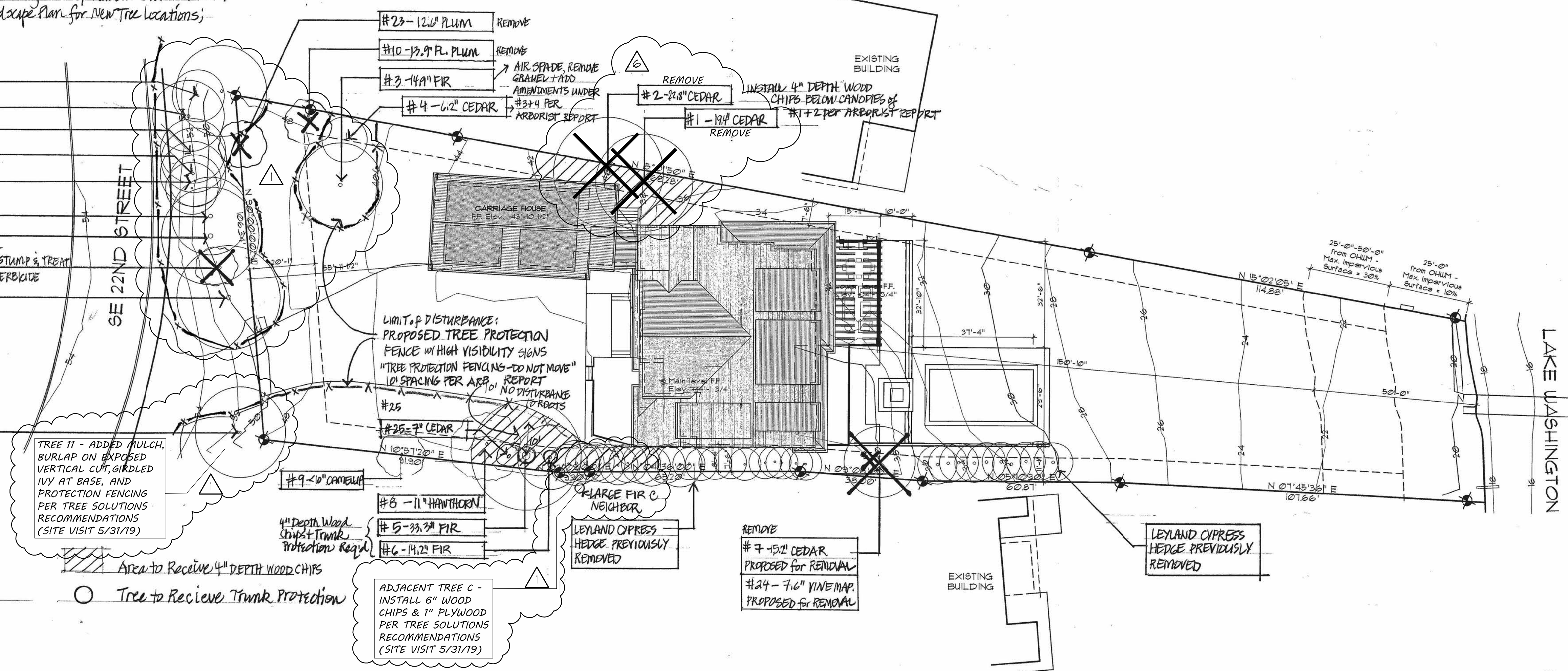
REPLACEMENT TREES - 12 REQUIRED PER City of Mercer Island Tree Inventory and Replacement Submittal Form See Landscape Plan for New Tree Locations;

**ROW TREES:**

- #22 - 13.6" CEDAR
- #21 - 13.9" CEDAR
- #19, #20 - 7" CEDARS
- #18 - 11.9" CEDAR
- #16, #17 - 8" CEDARS
- #15 - 2.0" CEDAR
- #14 - 23.9" CEDAR
- #13 - 6" HOLLY - REMOVE
- #12 - 18.4" CEDAR

**LEGEND**

- X-X-X Tree Protection Fencing
- ⊗ Tree to be Removed
- Tree to Receive Trunk Protection



**TREE INVENTORY, PROTECTION AND REMOVAL PLAN**

Scale 1/2" = 1'-0"

DRAWN BY

DESIGN BY

CHECKED BY

APPROVED BY

DATE

PERMIT  
3/1/2019

REVISIONS

- 1 CORRECTION #1  
July 10, 2019
- 2 REVISION  
March 1, 2021

**ANNE JAMES  
LANDSCAPE ARCH**

24539 NE 11th STREET  
REDMOND, WASHINGTON 98074  
425 894 9857

**LBH  
RESIDENCE**

7450 NORTH MERCER WAY  
MERCER ISLAND, WASHINGTON

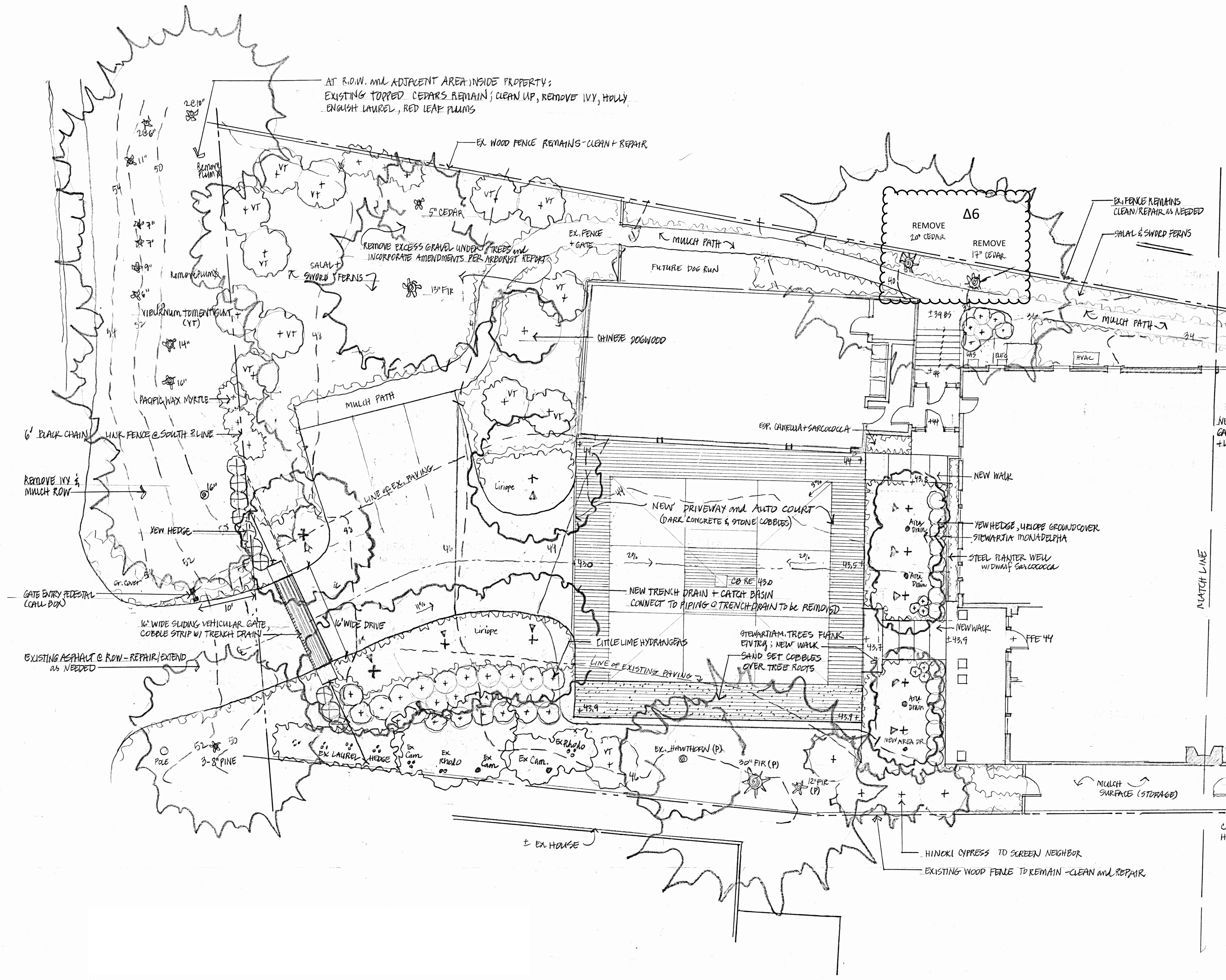


STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT  
**Anne James**  
ANNE JAMES  
CERTIFICATE NO. 894

Tree Inventory, Protection  
and Removals Plan



**L-1.0**



AT R.O.W. AND ADJACENT AREA INSIDE PROPERTY:  
 EXISTING TOPPED CEDARS REMAIN; CLEAN UP, REMOVE IVY, HOLLY,  
 ENGLISH LAUREL, RED LEAF PLUMS

EX. WOOD FENCE REMAINS - CLEAN + REPAIR

REMOVE Δ6  
 REMOVE 20' CEDAR  
 REMOVE 17' CEDAR

EX. FENCE REMAINS  
 CLEAN/REPAIR AS NEEDED  
 SALAL & SWORD FERNS

MULCH PATH

FUTURE DOG RUN

CHINESE DOGWOOD

NEW DRIVEWAY AND AUTO COURT  
 (DARK CONCRETE & STONE COBBLES)

NEW TRENCH DRAIN + CATCH BASIN  
 CONNECT TO PIPING & TRENCH DRAIN TO BE REMOVED

LITTLE LIME HYDRANGEAS

STEWARTIA TREES PLANK  
 ENTRY; NEW WALK  
 SAND SET COBBLES  
 OVER TREE ROOTS

NEW WALK

YEW HEDGE, URLOPE GROUND COVER  
 STEWARTIA MONADELPHA

STEEL PLANTER WELL  
 W/ DRAIN SARCOCOCCA

NEW WALK

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

NEW AREA DR.

LEGEND

- EXISTING EVERGREEN TREE
- EXISTING DECIDUOUS TREE
- PROPOSED TREE/SHRUB
- PROPOSED GROUND COVER  
FERNS, SMALL SHRUBS
- MITIGATION PLANTING  
(DOCK REPAIRS)
- PROPOSED CONTOUR
- EXISTING CONTOUR
- LANDSCAPE UPLIGHT
- LANDSCAPE PATH LIGHT
- IN PAVEMENT MICRO  
DRIVE STAR LIGHT
- TOP OF WALL ELEVATION
- BOTTOM OF WALL ELEVATION
- RIM ELEVATION
- CATCH BASIN
- AREA DRAIN
- PROPOSED ELEVATION

Scale 1" = 8'

DRAWN BY  
 DESIGN BY  
 CHECKED BY  
 APPROVED BY  
 DATE  
 PERMIT  
 3/1/2019  
 REVISIONS  
 Δ6 REVISION  
 3/1/21

ANNE JAMES  
 LANDSCAPE ARCH  
 24539 NE 11th STREET  
 REDMOND, WASHINGTON 98074  
 425 894 9857

LBH  
 RESIDENCE  
 7450 NORTH MERCER WAY  
 MERCER ISLAND, WASHINGTON



Landscape Plan - South

L-2.0