



**CITY OF WOODINVILLE
TREE BOARD AMENDED AGENDA
REGULAR MEETING WEDNESDAY, MARCH 27, 2013 5:30 PM**



• Jey Manickam • Thomas L Quigley • Michael Munniks • Paula Waters • Steve Yabroff

5:30 **CALL TO ORDER**

5:31 **ROLL CALL**

5:33 **APPROVE AGENDA IN CONTENT & ORDER**

5:35 **PUBLIC COMMENTS**

BUSINESS AND DISCUSSION ITEMS

5:40 **1. Approval of February 27, 2013 Minutes**

5:45 **2. Proposed Arbor Day Events for 2013**

5:55 **3. Review of Tree Regulations and Proposed Recommendations**

6:20 **PUBLIC COMMENTS**

6:25 **DIRECTOR'S REPORT**

6:30 **ADJOURNMENT**

(Note: The agenda may be rearranged or changed at the beginning of the meeting, with a consensus of Tree Board members present.)

Issue Date: March 22, 2013

Staff Contact: Sarah Ruether, Planner

Faxed to: News Media
E-mailed to: Tree Board
Publish: Not published
Post: 1) In-House, 2) Post Office & 3) Website

**CITY OF WOODINVILLE, CITY COUNCIL CHAMBERS
17301 133RD AVE. NE, WOODINVILLE, WA 98072**

NEXT REGULAR MEETING APRIL 25, 2013, 5:30 PM



**TREE BOARD MEETING NOTES
REGULAR MEETING OF FEBRUARY 27, 2013**

Board Members Present		
<input checked="" type="checkbox"/> Paula Waters	<input checked="" type="checkbox"/> Jey Manickam	<input checked="" type="checkbox"/> Thomas Quigley
<input checked="" type="checkbox"/> Michael Munniks	<input type="checkbox"/> Steve Yabroff	
Staff Present		
Dave Kuhl, Sarah Ruether, Sandy Guinn		
Guests/Public in Attendance		
None		
Called to Order at:	Meeting Location:	Chairperson:
5:30	Council Chambers	Thomas Quigley
Agenda	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Modified
Board Member Waters moved to excuse Board member Manickam. Commissioner Munniks seconded the motion.		
PUBLIC COMMENTS		
None		
BUSINESS AND DISCUSSION ITEMS		
<p>1. Approval of Minutes a. January 23, 2013</p> <p>Board Member Waters moved to approve the minutes of January 23, 2013. Board member Manickam seconded the motion. Vote: All voted in favor of the motion and the motion passed, 3-0.</p> <p>2. Proposed Arbor Day Events for Year 2013 The Tree Board wanted to know when Earth Day was and determined it to be Monday, April 22nd. The event for 21 Acres is being held on Saturday April 20th. Planner Ruether has talked to Deb of 21 Acres and she welcomes City participation. The Tree Board agreed they would like to participate. Ms. Ruether to check with Arbor Day and DNR for brochures that could be distributed at the upcoming events. Board members asked for staff to bring a map of the City to the events where we have a booth. Also, Commissioner Munniks asked if Staff could obtain information from Arbor Day about receiving 10 free seedling trees when someone joins and becomes a member. He did this last year and most of the planted tree seedlings lived.</p> <p>There was, also, a discussion of how to incorporate the SRS habitat restoration. The Tree Board asked what was done for habitat restoration and Staff said it is removing invasive plants. Sarah suggested Tom Quigley do a demonstration on pruning that day in coordination with the SRS event. Board member Quigley said he would do the pruning demonstration, but he was not sure that property along the Sammamish would have enough diversity of species for a pruning demonstration and there may be less parking available. He suggested we do it on City Property if we have it on that date. Ms. Ruether said she would talk with Brenda Eriksen, who communicates with SRS to see if we can coordinate a date to have the demonstration pruning on the same date.</p> <p>At the next meeting, the Tree Board will discuss more details about the 21 Acres event.</p>		

3. Review of Tree Regulations and Proposed Recommendations

In a review of the proposed modifications to the tree density worksheet, Chair Quigley discussed his recent experience with the tree removal process and applying for a tree removal permit. Chair Quigley said he was surprised at how many tree credits are required and wonders if this requirement is reasonable. In a 7,200 sq ft lot, the trees required to meet code would not survive. In a well treed area that he did the permit for they barely made the credit requirements. This needs to be considered in the modification of the tree density worksheet.

Looking at the proposed draft form (Attachment C), the inches on the form should be feet. Diameter should be explained as half of 3.14 instead of the way it is defined on the form. Another suggestion was to do a demonstration form that had all of the explanations and include a definition of dbh. Change type to size. Also, change the categories so they are not decimals and delete 66.1 inches from the extra large tree category. Board member Manickam suggested that a way to simplify the form would be to go digital and citizens could calculate tree credits online. It would, also, be nice if the tree application could be connected to GIS so that Staff could look online and see how many trees the applicant has without having to do a site visit. Person applying places marker on email and GIS maps can capitalize on. This type of system would be more green and would allow someone not to even have to come into the city. Ms. Ruether said that she would talk with Gene from the City's IT department about this possibility.

Tree board discussed ways to make large trees more important. How do you get people to designate their trees and heritage trees. Board member wondered what would be the advantage of having a heritage tree.

In a discussion of the tree credits on the new draft form, Staff advised that the new draft form averaged credits and, therefore, diluted the credits in each category. Tom said he was afraid that this might make it even harder for someone to plant the required tree credits and that having the more detailed sheet may be more desirable for that reason. Board member Manickam suggested keeping the new draft worksheet form, but break up the categories in each so as not to dilute the tree credits. Chair Quigley suggested looking at various sizes of lots with the tree credits to see if this is even possible for a lot that does not have any trees.

Board member Manickam suggested giving more credits for the large trees and more of a reward for planting certain types of trees, especially native trees. The current formula does not give any rewards for planting certain types of trees. He expressed we should give more credit for trees with larger caliber and reward when replanting trees that are more sustainable.

The board members agreed that the form needs improved language and should be more understandable. Planner Ruether said that she could make the form less complex and improve the language to make it more understandable for the homeowner.

Looking over the flow chart, suggestions were made for changing the threshold of what triggers the requirement for a permit. A suggestion was made to make an exemption for when removing two or fewer trees with a diameter of less than 12 inches. Then a citizen would not need to come in for a permit.

Planner Ruether to explore how feasible it is to get 30 credits on a standard lot. For next meeting, staff to look at credits, different ways to group the credits, and how feasible is it to achieve and provide example form.

Chair Quigley and other Tree Board members complimented Planner Ruether on how much she has accomplished in a relatively short period of time.

PUBLIC COMMENTS – None

DIRECTOR'S REPORT – None

Next Meeting: 3/27/13

Meeting Adjourned at: 6:30 PM

Notes Prepared by: Sandy Guinn

Date: 3/1/13



CITY OF WOODINVILLE, WA
REPORT TO THE TREE BOARD
17301 133rd Avenue NE, Woodinville, WA 98072
WWW.CI.WOODINVILLE.WA.US

To: Tree Board **Date:** March 27, 2013
From: Dave Kuhl, Development Services Director DK
By: Sarah Ruether, Planner SR
Subject: Proposed Arbor Day Events for 2013

ISSUE: Shall the Tree Board review the proposed Arbor Day events for 2013?

STAFF RECOMMENDATION: To review and consider proposed events for Arbor Day 2013.

POLICY DECISION: The Tree Board provides an advisory role to the City Council on matters of trees and urban forestry.

BACKGROUND:

The Tree Board is required to recognize Arbor Day as part of its Tree City USA participation. The Tree Board will have a booth at the Saturday April 20th 21 Acres Earth Day Event. The booth does not need to be staffed all day and staff will set up material at 21 Acres so it is ready to go upon arrival; see Attachment A for a description of the DRAFT schedule from Deb Sternegal of 21 Acres. A worksheet with proposed time slots for staffing of the Tree Board booth at 21 acres is included for Tree Board members to give their availability.

Staff will have brochures and educational material available for the day. In terms of programming, Deb Sternegal of 21 Acres would like to know if the Tree Board has any ideas for ways to encourage "active interactions".

The Sammamish River Stewards does not have a habitat restoration or planting event during this time frame, therefore it is up to the Tree Board to determine a date that works best to schedule a demonstration pruning.

Attachment A – Proposed Schedule for 21 Acres Earth Day
Attachment B – Sign Up Sheet for Staffing of Tree Board

RECOMMENDED ACTION:
REVIEW PROPOSED ARBOR DAY EVENTS AND TIMES AND MAKE RECOMMENDATIONS

Attachment A

DRAFT SCHEDULE FOR EARTH DAY EVENT AT 21 ACRES

9-10:30 am

Booth/displays set up; grassy area near parking/berm; move cars at 10:30

Notes: tables/displays do not need to be staffed all day

10-5 - Market open

Notes: open later for that day? Spring hours may be different than current.

11 am - noon

Tea and muffins with Farm Walk/tour for Woodinville Influence guests.

Notes: BV and/or RBC do tour; Mary available on farm for questions?

Potential worm bin for kids/Brian, Veterans (DS to confirm)

Noon – 5 p.m.

-Vendor booths/tables available

-Building tours (BV) and farm tours (self and/or Mary) throughout the day

Notes: have energy brochures available and self-guided farm brochure
(volunteer, Ruben, to update?)

Noon - Native Plant and Farm Walk (Chelsea)

Notes: invite students, but open to public

1:00 - Compost demonstration/worm bins/construction; is there a specific title?
(DS to confirm)

2:00 – Orienteering; is there a specific title? (DS to confirm);

2-5 p.m. Wild Foods of the PNW Class/John Kallas (KS to confirm

logistics/sign/parking; invite on building tour at 1:00)

Notes: need an on-site monitor to direct paid attendees to John's location in back parking area; also offered Sunday, April 21, 9-noon

3:00 – Potential bee demonstration/presentation; is there a specific title? (KS to confirm)

4:00 – Orienteering; is there a specific title? (DS to confirm);

- **Kids activity;** Woodinville Montessori, Chelsea back-up; title here also?
(DS to confirm);
-

5:00 - Vendors clear out

5:30 – Community potluck dinner

Attachment B

Sign Up Sheet for Tree Board Table at 21 Acres Earth Day Event April 20th

(Tree Board booth does not need to be staffed all day)

Time Slot	Name	Cell Phone or contact info for event day
9-10:30 am Set-up <i>Table and Chairs and Brochures will be there. Figure out how to display</i>		
10:30-11:30		
11:30-12:30		
12:30-1:30		
1:30-2:30		
2:30-3:30		
3:30-4:30		
4:30-5:00 Tear Down <i>pack up brochures and help 21 Acres Staff Clean Up</i>		



To: Tree Board **Date:** March 27, 2013
From: Dave Kuhl, Development Services Director
By: Sarah Ruether, Planner *SAR* *DK*
Subject: Review of Tree Regulations and Proposed Recommendations

ISSUE: Shall the Tree Board review the Current Tree Code and Proposed Recommendations for Changes to the Code?

STAFF RECOMMENDATION: To review and consider proposed changes as part of the Tree Board work plan for 2013.

POLICY DECISION: The Tree Board provides an advisory role to the City Council on matters of trees and urban forestry.

BACKGROUND/ANALYSIS: The Tree Board discussed ways to make the current tree regulations for tree removal more user friendly in the 2/27 meeting with a DRAFT Tree Density Credits form. Based on the discussion and suggested revisions, a second DRAFT Tree Density worksheet is attached, in Attachment C the new draft and Attachment B the current tree density worksheet for comparison.

This meeting will also continue the discussion of how to change the tree removal process and how to modify the tree credit requirements if appropriate. Attachment A has been modified to reflect the discussion of the Tree Board, and provides an overview of the proposed modifications along with the current process.

Overview of Proposed Code Changes and Current System: Attachment A

An updated flow chart is in Attachment A which illustrates the proposed code changes that the Tree Board has discussed in the last two meetings. The decision tree outlines the current system and proposed changes. The flow chart has current code requirements in black and proposed code amendments in red, updated to reflect the Tree Board meeting February 27th.

New Draft Tree Worksheet 3/27/13 Attachment B

Based on the discussion during the February Tree Board meeting, and the comments received on the draft Tree Density worksheet, a new draft of this form is attached. The new form has more categories for credits but retains the size categories in an effort to make it more user friendly. This new DRAFT form does not give a credit amount for trees removed that are less than 12 diameter at breast height (dbh) (Attachment C). A proposed way to deal with trees that are less than 12dbh would be to give them a credit amount based on the growth potential of the species planted: small, medium or large would be the categories no matter what size in diameter in breast height that the tree was planted. (see Attachment D, worksheet A). To use this system, tree species would need to be put into the categories of small, medium and large. Two options for this would be to use the Woodinville Plant Species List (Attachment E), or use

the Arbor Day website. During the planting plan, the City could also encourage site specific planting per the Arbor Day recommendation of Right Tree in the Right Place, see Attachment D.

Reasonable Requirement for Tree Credits

Discussed during the February 27th meeting was whether the credit requirements of 30 credits for a central business district property and 60 tree credits per acre for an industrial property would create a situation where the property owner would not possibly be able to plant the number of required trees, and therefore, may lead to over planting of larger trees that will not work long-term for the property site. One option proposed in the previous Staff report for February was to eliminate the credit system for commercial properties and instead put any tree requirements in the landscaping code. The current code requirement of 60 tree credits per acre for an industrial zoned property is difficult to meet and could result in inappropriate trees being planted to get requisite tree credits.

New Definition of a Significant Tree

The following code changes would be made to change the definition of a significant tree, based on the discussion during the February 27 meeting to change the threshold for tree removal to 12 inch diameter at breast height.

21.15.030 Exemptions.

The following activities are exempt from the provisions of this chapter:

(1) Emergency Tree Removal. Any tree on private, developed property that poses an imminent threat to life or property, due to a storm event such as a wind storm or ice storm, may be removed without first obtaining a permit. The party removing the tree will contact the City within seven days of removal to provide documentation of threat for approval of exemption. If the City Tree Official determines that the emergency tree removal was not warranted, he or she may require that the party obtain a permit and/or require that replacement trees and vegetation be replanted as mitigation, in accordance with WMC [21.15.120\(8\)\(b\)](#).

(2) Dead Tree Removal. Any tree on private, developed property that from a cursory visual inspection can be determined to be fully dead by a layman without any arborist training, may be removed without first obtaining a permit. The party removing the tree will contact the City within seven days of removal to provide documentation of the deceased tree, and if known, the cause of death. If the City Tree Official determines that the dead tree removal was not warranted, he or she may require that the party obtain a permit and or require that replacement trees and vegetation be replanted as mitigation, in accordance with WMC 12.15.120 (8) (b).

(2) Utility Management. Trees may be removed by the City or utility provider in situations involving immediate danger to life or property, or interruption of services provided by a utility.

(3) Commercial Nurseries or Tree Farms. A nursery or tree farm owner may remove trees that are being grown to be sold as Christmas or landscape trees.

(4) Removal of nonsignificant trees with a diameter-at-breast-height of ~~less than two inches~~. Less than twelve inches.

(5) Trees within the public right-of-way shall be subject to the requirements of Chapter [2.24](#) WMC. ([Ord. 481](#) § 11 (Att. F), 2009; [Ord. 478](#) § 1 (Att. 1), 2009)

21.15.020 Applicability.

(1) Permit Required. No person shall directly or indirectly conduct any of the activities listed below before first obtaining a tree removal permit as provided in this chapter unless the activity is exempted in WMC [21.15.030](#). Permits shall be processed as described in WMC [21.15.060](#)(5).

(a) Removal of any significant tree as defined in Chapter [21.06](#) WMC on any property.

(b) Removal of nonsignificant trees, between two inches and ~~six inches~~ twelve inches that have a combined diameter-at-breast-height of 40 inches or the equivalent of 10 tree credits, within a 12-month period.

21.06.599 Significant tree.

Significant tree: an existing healthy tree which has a minimum diameter-at-breast-height of ~~six inches~~ twelve inches, as measured according to the most current published edition of the International Society of Arboriculture's "Guide for Plant Appraisal." ([Ord. 478](#) § 4, 2009)

**RECOMMENDED ACTION:
REVIEW PROPOSED OPTIONS AND MAKE RECOMMENDATIONS**

Tree Removal: Tree Permit IV
How many significant trees to be removed?
Proposed code changes in Red

Remove Tree Credit System for Commercial and Industrial Property Owners, Instead use landscaping code

Exemptions for
a) Emergency Tree Removal
b) Dead Tree Removal (Proposed)

2 or Fewer Trees

More than 2 Trees

Do a tree inventory and apply for a tree permit.

No permit required if two or fewer trees are removed that are 12 dbh or less or threshold for tree credits removed

An arborist will be required unless the trees (over 2) trees are clearly dead with Tree Official approval.
• Staff may approve dead tree removal without arborist

Credits for healthy trees
Homeowner may receive tree credits for the following year (remove 4 healthy trees but then may not remove any additional healthy trees for 2 years.)

If you have the required tree credits permit will be issued

If you do not have the required credits a planting plan is required

Tree inspection required
No tree inspection required if over the counter permit (proposed)

If a nuisance tree removal an ISA arborist is required (proposed)	If a hazard tree an ISA tree risk certified arborist is required
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Credits for trees planted in proportion to their future canopy coverage
Homeowner may receive tree credits for the future growth of the tree they plant in a planting plan. Expand on the code allowance of this provision and make it more user friendly

**TREE DENSITY CREDITS (Ordinance 478)
Attachment B Current Worksheet**

Permit Number :				
DIAMETER (Inches)		COUNT (Fill In) ↓	CREDITS	TOTAL
Medium Canopy Trees (35-44 diameter feet of canopy)				
1.0	2.0		0.25	0
2.1	3.7		0.50	0
3.8	6.6	0	0.75	0
6.7	10.1	0	1.25	0
10.2	15.2	0	1.75	0
15.3	19.2		2.50	0
19.3	23.1		3.25	0
23.2	26.0		4.00	0
26.1	29.0		5.00	0
29.1	32.0		6.00	0
32.1	34.0	0	7.00	0
34.1	36.0		8.00	0
36.1	39.0		9.00	0
39.1	42.0	0	10.00	0
42.1	46.0	0	12.00	0
46.1	50.0	0	14.00	0
50.1	54.0	0	16.00	0
54.1	58.0		18.00	0
58.1	62.0		20.00	0
62.1	66.0	0	22.00	0
≥ 66.1		0	24.00	0
TOTAL NUMBER OF TREES:				
TOTAL TREE CREDITS EARNED:				0
TOTAL SQ FT:			←(Fill in lot area here)	
TOTAL ACREAGE:				
REQUIRED CREDITS (If 30 tree credits per acre):		0.00	30 tree credits required for SFR lots less than 7,200 square feet and for lots in the CBD zone. 60 tree credits required for all other lots.	
REQUIRED CREDITS (If 60 tree credits per acre):		0.00		



TREE REMOVAL PERMIT APPLICATION
City of Woodinville

Attachment C

Development Services Department
 425-489-2754 • 17301 133rd Avenue NE • Woodinville, WA 98072
 Desk Hours • Monday – Thursday 7:30am – 5:00pm • Friday 7:30am – 4:00pm

DRAFT 3/27/13

TREE DENSITY CREDITS			
DIAMETER (Inches) <i>(Tip: Trees are measured at 4.5 feet off the ground for diameter which is half 3.14)</i>	COUNT <i>(Fill In Number of Trees)</i>	CREDITS <i>(Use as a multiplier, this is the amount of credit given to each tree you have of that size)</i>	TOTAL <i>(Number of Trees x Credits)</i>
Trees Smaller than 12.0 <i>(if removing 2 or fewer of these trees no permit is required)</i>		Depends on future canopy potential see worksheet A	
EXTRA SMALL TREES			
12.0-15.0		1.75	<i>Calculated at review</i>
15.1-19.0		2.5	<i>Calculated at review</i>
19.1-23.0		3.25	<i>Calculated at review</i>
SMALL TREES			
23.0-26.0		4.0	<i>Calculated at review</i>
26.1-29.0		5.0	<i>Calculated at review</i>
29.1-32.0		6.0	<i>Calculated at review</i>
MEDIUM TREE			
32.1-34.0		7.0	<i>Calculated at review</i>
34.1-36.0		8.0	<i>Calculated at review</i>
36.1-39.0		9.0	<i>Calculated at review</i>
LARGE TREE			
39.1-42.0		10.0	<i>Calculated at review</i>
42.1-46.0		12.0	<i>Calculated at review</i>
EXTRA LARGE TREE			
46.1 -50.0		14.0	<i>Calculated at review</i>
50.1-54.0		18.0	<i>Calculated at review</i>
54.1-58.0		20.0	<i>Calculated at review</i>
58.1 and above		24.0	<i>Calculated at review</i>
TOTAL NUMBER OF TREES:			TOTAL TREE CREDITS <i>Staff will calculate at review</i>
LOT SIZE Square Feet or Acres <i>(43,560 sf =1 acre)</i>	(Fill in lot area here)		TREE DENSITY <i>((total tree credits)X(total acreage))</i> <i>Staff will calculate at review</i>
REQUIRED CREDITS (If 30 tree credits per acre):	<i>Staff will calculate at review</i>	30 tree credits per acre required for SFR lots less than 7,200 square feet and for lots in the CBD zone. 60 tree credits per acre required for all other lots.	
REQUIRED CREDITS (If 60 tree credits per acre):	<i>Staff will calculate at review</i>		



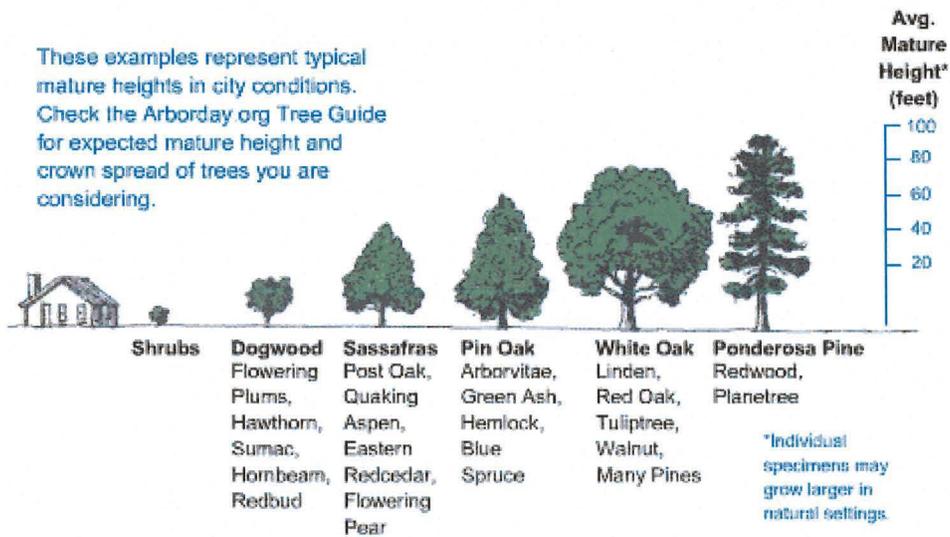
TREE REMOVAL PERMIT APPLICATION City of Woodinville

Development Services Department
 425-489-2754 • 17301 133rd Avenue NE • Woodinville, WA 98072
 Desk Hours • Monday – Thursday 7:30am – 5:00pm • Friday 7:30am – 4:00pm

Attachment D

The Right Tree in the Right Place

Available space is probably the consideration most overlooked or misunderstood when deciding what tree to plant. Before you plant, it is important to know what the tree will look like as it nears maturity. Consider its height, crown spread, and root space.



Tree Credit Given for Species of Trees Planted in Planting Plan DRAFT 3-27-13 Worksheet A				
Size of Trees are defined in the Woodinville Plant Species List <i>Any tree under the 12 dbh is given these amounts of credits, depending on the classification of the type of tree below</i>	<i>Credits for planting this size tree as part of your planting plan</i>	Spacing plant massings	Min. spacing from wall of 1-story building	Min. spacing from corner of 1-story building
Small trees (30' or less)	0.25	6-15'	8-10'	6-8'
Medium trees (30-70')	0.75	30-40'	15'	12'
Large trees (70' or more)	1.5	40-50'	20'	15'



TREE REMOVAL PERMIT APPLICATION City of Woodinville

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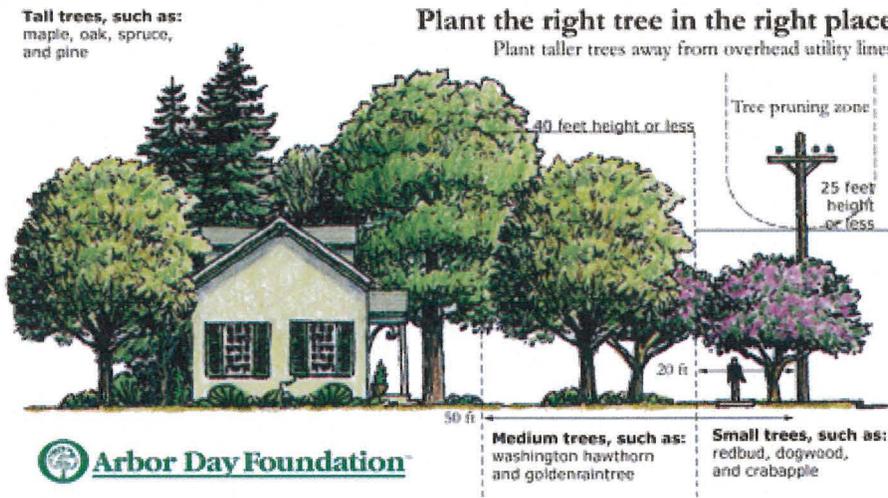
<http://www.arborday.org/trees/rightTreeAndPlace/size.cfm>

Attachment D

The Right Tree in the Right Place

The Arbor Day Foundation encourages thoughtful practices that help preserve community trees while also serving a utility company's customers.

This drawing demonstrates effective planting, placing the right tree in the right place. Trees properly placed can lower line clearance costs for utility companies, reduce tree mortality, and result in healthier community forests.



Trees can add value to your home, help cool your home and neighborhood, break the cold winds to lower your heating costs, and provide food for wildlife.

Tall trees surrounding your home, such as maple, oak, pine and spruce, provide summer shade to lower cooling costs and keep out cold winter winds.

Medium trees, 40 feet or less in mature height, might include Washington hawthorne and Golden raintree, while smaller trees suitable for planting beneath utility lines might include Redbud, Dogwood, and Crabapple. When planting near utility lines, consider a 25 foot maximum mature height and 20 foot spread.



City of Woodinville Plant Species List



A Resource Guide encouraging the use of
plants that preserve Woodinville's
northwest woodland character



CITY OF WOODINVILLE TREE BOARD PLANT SPECIES LIST

The City of Woodinville Tree Board has developed the Plant Species List to assist the City, private developers and residents with the selection of plant materials for public and private properties. It was created as a resource to aid in the aesthetic and environmental quality of the City by encouraging the use of plants that preserve Woodinville's northwest woodland character.

The Plant Species List is intended to:

1. To encourage the use of hardy, attractive and easily maintained plant material that provides multi-season interest and is of an appropriate nature for use near City Right of Ways and public and private utilities.
2. To encourage the use of plants that should generally be available from local commercial wholesale and retail nurseries.
3. To provide visual continuity by using plant materials from the list's varieties and species.
4. To encourage the use of trees and shrubs as an important unifying element within the City to strengthen Woodinville's landscape character.

Species listed are suggestions to meet City landscape standards. Use of non-listed species may be permitted with approval from the City Tree Official. The City Tree Official on a case-by-case basis shall determine Street Tree species. Amendments to the List may be submitted to the Planning Department for Tree Board Consideration.

The List contains information on plants specific to name, type, size, form, features, exposure, and soil conditions, limitations near utilities and City Right of Ways and compliance with Woodinville Municipal Code Chapter 21.16 Development Standards for Tree Retention and Landscaping and WMC Section 21.12.200 Site Distance Requirements at Street Intersections for Landscaping and maintained per Public Works Detail No. 316 *Driveway And Intersection Site Triangles*.

The Plant Species List does not include wetland plants due to the specific nature of these plants. Please contact the City of Woodinville Planning Department, the Washington State Department of Ecology or a wetlands biologist for more information regarding wetland plants.

Included within the List is a Prohibited Plant Species List. This list was created to identify plants that offer no aesthetic or functional qualities to the community and are a threat to property and public safety. Plants on this list are prohibited from being planted within the City.

For more information regarding plants contained on the Plant Species List, please contact the City of Woodinville Planning Department, the Washington State University King County Extension Master Gardener Program at (206) 205-8616 or <http://king.wsu.edu>, or your local nursery.

This list developed by the City of Woodinville Tree Board; Mark Schuster, Barbara Stanfield, Sheryl Oppen, Anne Rhoades, and Bret Wilson with the assistance of the Van de Vanter Group.

CITY OF WOODINVILLE
Prohibited Plant Species List

Scientific Name	Common Name	Reason for Prohibition
Acer Saccharinum	Silver Maple	Weak branching, root damage to utilities and paved surfaces
Ailanthus Altissima	Tree of Heaven	Extremely invasive growth
Catalpa sp.	Caralpa	Weak branching, messy flower and seed capsule litter
Cytisus sp.	Broom	Extremely invasive growth
Ginkgo Biloba (Female Only)	Maidenhair Tree	Odorous and messy fruit litter
Hedera Helix	English Ivy	Extremely invasive growth
Laburum x Watereri	Goldenchain Tree	Poisonous seed pods
Populus Trichocarpa	Black Cottonwood	Extremely invasive growth, weak wood, root damage to utilities/paved surfaces
Robinia Psuedoacacia	Black Locust	Spreads easily, week wood, root damage to utilities and paved surfaces
Ulmus Americana	American Elm	Susceptible to insects and diseases
Ulmus Pumila	Siberian Elm	Susceptible to insects and diseases

CITY OF WOODINVILLE Plant Species List Legends

Accent Characteristics Legend* (Trees and Shrubs)

- G - **Flowering:** Plant produces showy flowers.
- C - **Fall Color:** Plant has showy fall color.
- V - **Colored Foliage/Variegation:** Plant has foliage color other than green or leaf variegation.
- W - **Wildlife:** Plant provides habitat or has characteristics that attracts wildlife.
- A - **Butterflies:** Plant has characteristics that attracts butterflies.
- F - **Fruiting/Berries:** Plant produces fruit or berries.

Restricted Use in Right of Ways and Near Utilities Legend** (Trees only)

- I - **Invasive Roots:** Plant has invasive root system potentially causing damage to underground utilities and sidewalks / streets.
- B - **Brittle Branches:** Plant with limbs that break easily in storms potentially causing damage to property and utilities.
- F - **Fruiting/Berries:** Plant producing fruit or berries creating unsightly sidewalks and parking lots.
- P - **Insects/Diseases:** Plant susceptible to insects or diseases creating messy sidewalks and parking lots or plant demise.
- L - **Power Lines:** Large plants with the ability to grow into overhead power lines causing outages and damage to power equipment.

Potential Hazards*** (Shrubs only)

- T - **Thorns:** Plant has thorns creating a hazard.
- B - **Bees:** Plant has characteristics that attracts bees.
- I - **Invasive Plant:** Plant has an aggressive root system causing it to spread.
- H - **Hardiness:** Plant has marginal hardiness during a severe winter.
- P - **Insects/Diseases:** Plant susceptible to insects or diseases.
- M - **Maintenance:** Plant has characteristics requiring additional maintenance.

CITY OF WOODINVILLE PLANT SPECIES LIST

TREES		Evergreen	Deciduous	15'-30' height	30'-45' height	45' + height	Columnar	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Use restricted in ROW and near utilities **	Type I	Type II	Type III	Type IV
Scientific Name	Common Name																		
<i>A. rubrum</i> x <i>A. saccharinum</i> 'Autumn Blaze'	Autumn Blaze Maple		X			X		C		X				X	L				
<i>A. truncatum</i> x <i>A. platanoides</i> 'Warrenred'	Pacific Sunset Maple		X	X				C		X									
<i>Abies concolor</i>	White Fir	X			X			V	X	X			X		L				
<i>Abies grandis</i>	Grand Fir	X				X				X					L				
<i>Acer buergerianum</i>	Trident Maple		X	X				C		X									
<i>Acer campestre</i>	Hedge Maple		X	X				C		X	X								
<i>Acer circinatum</i>	Vine Maple		X	X				C	X		X	X							
<i>Acer ginnala</i>	Amur Maple		X	X				C		X	X								
<i>Acer griseum</i>	Paperbark Maple		X	X				C		X	X								
<i>Acer palmatum</i>	Japanese Maple		X	X				C			X								
<i>Acer palmatum</i> varieties	Japanese Maple varieties		X	X				C			X								
<i>Acer platanoides</i>	Norway Maple		X		X			C		X					L				
<i>Acer platanoides</i> 'Cleveland'	Almira Norway Maple		X		X	X		C		X					L				
<i>Acer platanoides</i> 'Columnare'	Columnar Norway Maple		X		X	X		C		X					L				
<i>Acer platanoides</i> varieties	Norway Maple Varieties		X		X			C		X					L				
<i>Acer pseudoplatanus</i>	Sycamore Maple		X			X		C		X					L				
<i>Acer rubrum</i>	Red Maple		X			X		C	X	X					L				

TREES

Scientific Name	Common Name	Evergreen	Deciduous	15'-30' height	30'-45' height	45' + height	Columnar	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Use restricted in ROW and near utilities **	Type I	Type II	Type III	Type IV
<i>Acer rubrum</i> 'Armstrong'	Armstrong Maple		X			X	X	C		X					L				
<i>Acer rubrum</i> 'Bowhall'	Bowhall Maple		X		X		X	C		X									
<i>Acer rubrum</i> 'Doric'	Doric Maple		X		X		X	C		X									
<i>Acer rubrum</i> 'Karpic'	Karpic Maple		X			X	X	C		X					L				
<i>Acer rubrum</i> 'Scarlet Sentinel'	Scarlet Sentinel Maple		X		X		X	C		X					L				
<i>Acer rubrum</i> varieties	Red Maple Varieties		X		X	X		C		X					L				
<i>Acer truncatum</i>	Shantung Maple		X	X				C		X									
<i>Aesculus hippocastanum</i> 'Baumani'	Bauman Horsechestnut		X			X		G		X	X				L,I				
<i>Aesculus x carnea</i> 'Briotii'	Red Horsechestnut		X		X			G		X					L				
<i>Amelanchier alnifolia</i>	Saskatoon Serviceberry		X	X				C,F	X	X	X				F				
<i>Amelanchier canadensis</i>	Serviceberry		X	X				C,F		X	X				F				
<i>Amelanchier laevis</i>	Allegheny Serviceberry		X		X			C,F		X	X				F				
<i>Amelanchier x grandiflora</i>	Apple Serviceberry		X	X				C,F		X	X				F				
<i>Betula jacquemontii</i>	Jacquemontii Birch		X			X		C		X			X		L,P				
<i>Betula nigra</i>	River Birch		X			X				X			X		L,P				
<i>Betula papyrifera</i>	Paper Birch		X			X				X			X		L,P				
<i>Betula pendula</i>	European White Birch		X			X				X			X		L,P				
<i>Calocedrus decurrens</i>	Incense Cedar	X			X				X	X		X			L				
<i>Carpinus betulus</i>	European Hornbeam		X		X					X					L,P				
<i>Carpinus betulus</i> 'Fastigiata'	Columnar European Hornbeam		X		X	X				X					L,P				

TREES

Scientific Name

Common Name

Evergreen	Deciduous	15'-30' height	30'-45' height	45' + height	Columnar	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Use restricted in ROW and near utilities **	Type I	Type II	Type III	Type IV
	X	X							X	X							
	X	X						X									
X				X				X	X		X		L				
X				X				X	X		X		L				
	X		X			C		X					L				
	X	X				C,V,G		X	X								
X				X				X	X				L				
X				X			X	X	X				L				
X			X					X	X				L				
	X	X				G		X	X								
	X	X				C,F,G		X	X				F				
	X	X				G		X	X								
	X	X				G		X	X								
	X	X				G		X	X								
	X	X				C,F					X		F				
	X	X				C,G,F		X			X		F				
	X	X				G,F		X			X		F				
	X	X				C,G,F		X			X		F				

TREES

Scientific Name

Common Name

Evergreen	Deciduous	15'-30' height	30'-45' height	45' + height	Columnar	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Use restricted in ROW and near utilities **	Type I	Type II	Type III	Type IV
X				X				X	X				L,I				
	X		X			G,F		X	X				L				
	X			X				X					L				
	X			X	X			X					L				
	X			X		C		X			X		L				
	X			X		C		X			X		L				
	X			X		C		X			X		L				
	X			X				X			X						
	X		X			C		X					L				
	X			X				X				X	L				
	X			X	X	C		X			X		L				
	X			X		C		X			X		L				
	X		X					X			X		L				
	X			X		G			X				L				
	X			X		G,F			X				L				
	X		X			C,G		X	X								
X			X			F			X								
	X		X			F,G		X			X						
	X			X		F,C		X					L,I				

TREES

Scientific Name

Common Name

Evergreen	Deciduous	15'-30' height	30'-45' height	45' + height	Columnar	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Use restricted in ROW and near utilities **	Type I	Type II	Type III	Type IV
	X			X		C		X					P,L				
X				X		G		X					L				
	X		X			G		X					L				
	X	X				G		X									
	X	X				G,F		X					P,F				
	X	X				G,F		X					F				
	X		X		X	G,F		X					P,L,F				
	X			X		C		X			X		L				
	X	X				C		X									
	X	X				C		X									
X				X		V		X	X		X		L				
X				X		V		X	X		X		P,L				
X				X		V		X	X		X		P,L				
X		X					X	X									
X				X				X					L				
X		X						X									
X				X				X					L				
X			X					X			X						
	X			X				X					L,I,P				
	X		X			C		X			X		L,I				

TREES

Scientific Name

Common Name

Evergreen	Deciduous	15'-30' height	30'-45' height	45' + height	Columnar	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Use restricted in ROW and near utilities **	Type I	Type II	Type III	Type IV
	X		X			C,G		X	X								
	X	X				G		X									
	X	X	X			G		X					L				
	X	X				G		X									
	X	X				G		X			X						
	X	X				G		X					L				
	X	X				G		X									
X				X			X	X	X				L				
	X		X		X	G		X					L				
	X		X		X	G		X					L				
	X		X			G		X					L				
	X			X		C		X					L				
	X			X				X					L				
	X			X				X					L				
	X			X	X			X					L				
	X			X				X					L				
	X					C		X									
	X	X				C,F		X			X		I				
	X			X		C,G		X			X		L,B,I				

TREES

Scientific Name

Common Name

Evergreen	Deciduous	15'-30' height	30'-45' height	45' + height	Columnar	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Use restricted in ROW and near utilities **	Type I	Type II	Type III	Type IV
	X			X		G		X	X				L,P				
	X		X			C,F		X	X				L,F				
	X	X				F		X	X				L,F				
	X			X		G,C		X	X		X		L				
	X	X				G,C		X	X								
	X	X				G,C		X	X								
	X			X		C		X			X	X	L				
X			X					X					L				
X		X						X					L				
X				X			X	X			X		L				
	X			X		G,C		X					L				
	X		X	X		G,C		X					L				
	X		X			G,C		X					L				
	X		X			G,C		X					L				
X				X				X			X		L				
X				X				X			X		L				
X				X			X	X					L				
	X	X						X					P				
X	X			X				X					L				
	X			X		C		X					L				

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CITY OF WOODINVILLE
RECOMMENDED PLANT SPECIES LIST

Shrubs, Groundcovers,
Vines & Ornamental
Grasses

Scientific Name:	Common Name	Evergreen	Deciduous	Tall - over 6'	Medium - 3'-6'	Low - 1'-3'	Groundcover - under	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Potential Hazards***	Traffic Circle
Abelia 'Edward Goucher'	Pink Abelia	X	X	X				G,A		X	X				B	
Abelia grandiflora	Glossy Abelia	X	X		X			G,A		X	X				B	
Andromeda polifolia	Bog Rosemary	X				X		G,A		X	X			X		
Arbutus unedo	Strawberry Tree	X		X				G,F		X	X					
Arbutus unedo 'Compacta'	Compact Strawberry Tree	X		X				G,F		X	X					
Arctostaphylos uva-ursi	Kinnikinnick	X					X	G,F, A		X			X			C
Aucuba japonica	Japanese Aucuba	X		X				F,V			X	X				
Azalea - Exbury	Exbury Azalea		X		X			F,V		X	X				B	
Azalea sp.	Evergreen Azalea	X			X			F,V		X	X				B	
Azalea sp.	Deciduous Azalea		X		X			F,V		X	X				B	
Berberis buxifolia 'Nana'	Dwarf Magellan Barberry	X				X		G,F		X	X				T	C
Berberis darwinii	Darwin Barberry	X		X				G,F		X	X				T	
Berberis gladwynensis 'William Penn'	William Penn Barberry	X			X			G,F		X	X					
Berberis julianae	Wintergreen Barberry	X			X			G,F		X	X				T	
Berberis thunbergii	Japanese Barberry		X		X			C,F,G		X	X				T	
Berberis thunbergii 'Atropurpurea'	Crimson Japanese Barberry		X		X			C,F,G, V		X	X				T	

Shrubs, Groundcovers,
Vines & Ornamental
Grasses

		Evergreen	Deciduous	Tall - over 6'	Medium - 3'-6'	Low - 1'-3'	Groundcover - under	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Potential Hazards***	Traffic Circle
Berberis thunbergii 'Atropurpurea Nana'	Crimson Pygmy Barberry		X			X		C,F,G V		X	X				T	C
Berberis thunbergii 'Rose Glow'	Rose Glow Barberry		X		X			C,F,G V		X	X				T	
Berberis verruculosa	Warty Barberry	X				X		G,F		X	X				T	C
Buxus microphylla japonica	Japanese Boxwood	X			X					X	X	X				
Buxus sempervirens	Common Boxwood	X		X						X	X	X				
Callicarpa bodinieri 'Profusion'	Profusion Beautyberry	X		X				F,C		X	X					
Calluna vulgaris varieties	Scotch Heather Varieties	X				X		G,A		X						C
Camellia japonica	Japanese Camellia	X		X				G			X	X				
Camellia sasanqua	Sasanqua Camellia	X		X				G		X	X					
Campsis radicans	Trumpet Vine		X			X		G		X	X					
Carex sp.	Sedge Grass Varieties	X	X			X		V		X	X					C
Ceanothus gloriosus	Point Reyes Ceanothus	X					X	G,A		X	X		X		B	C
Ceanothus varieties	Ceanothus Varieties	X		X	X			G,A		X			X		B	
Ceanothus x impressus 'Victoria'	Victoria Santa Barbara Ceanothus	X		X				G,A		X	X		X		B	
Chaenomeles japonica	Japanese Flowering Quince		X	X				G,A		X	X				T	
Chaenomeles speciosa varieties	Flowering Quince Varieties		X		X	X		G,A		X	X				T	
Chamaecyparis obtusa 'Gracilis Nana'	Dwarf Hinoki Cypress	X			X					X	X	X				
Choisya ternata	Mexican Orange	X			X			G,A		X	X		X			
Cistus ladanifer	Crimson Spot Rockrose	X			X			G,A		X			X			
Cistus purpureus	Orchid Rockrose	X			X			G,A		X			X			
Cistus x hybridus	White Rockrose	X			X			G,A		X			X			

Shrubs, Groundcovers,
Vines & Ornamental
Grasses

		Evergreen	Deciduous	Tall - over 6'	Medium - 3'-6'	Low - 1' - 3'	Groundcover - under	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Potential Hazards***	Traffic Circle
Clematis armandii	Evergreen Clematis	X				X		G,A		X	X					
Clematis montana	Anemone Clematis		X			X		G,A		X	X					
Clethra alnifolia	Clethra		X	X				G,A		X	X					
Cornus alba varieties	Tatarian Dogwood Varieties		X	X				G,F		X	X			X		
Cornus baileyi	Bailey Redtwig Dogwood		X	X				G,F		X	X	X		X		
Cornus sanguinea 'Midwinter Fire'	Midwinter Fire Dogwood		X	X				G,F		X	X			X		
Cornus sericea	Red Osier Dogwood		X	X				G,F	X	X	X	X		X		
Cornus sericea 'Flaviramea'	Yellowtwig Dogwood		X	X				G,F		X	X	X		X		
Cornus sericea 'Isanti'	Isanti Dogwood		X		X			G,F		X	X			X		
Cornus sericea 'Kelseyi'	Kelseyi Dogwood		X			X		G,F		X	X			X		C
Corylopsis pauciflora	Buttercup Winterhazel		X	X				G,V		X	X					
Corylopsis sinensis	Winterhazel		X	X				G,F		X	X					
Corylopsis spicata	Spike Winterhazel		X	X				G		X	X					
Corylus avallana 'Contorta'	Harry Lauder's Walking Stick		X	X						X	X					
Corylus cornuta	Western Hazelnut		X	X				F	X	X	X					
Cotinus coggygria	Smoketree		X	X				G,F		X	X		X			
Cotinus coggygria 'Royal Purple'	Royal Purple Smoketree		X	X				G,V		X	X		X			
Cotoneaster acutifolius	Peking Cotoneaster		X	X				C,F		X	X		X			
Cotoneaster adpressus 'Little Gem'	Little Gem Creeping		X			X		C,F		X	X		X			C
Cotoneaster apiculatus	Cranberry Cotoneaster		X		X			C,F		X	X		X			
Cotoneaster congestus	Pyrenees Cotoneaster	X				X		F		X			X			C
Cotoneaster dammeri	Bearberry Cotoneaster	X					X	F		X	X		X			C
Cotoneaster horizontalis	Rock Cotoneaster		X			X		C,F		X	X		X			C

Shrubs, Groundcovers,
Vines & Ornamental
Grasses

		Evergreen	Deciduous	Tall - over 6'	Medium - 3'-6'	Low - 1' - 3'	Groundcover - under	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Potential Hazards***	Traffic Circle
Cotoneaster lacteus	Parney Cotoneaster	X		X				F		X	X		X			
Cotoneaster 'Lowfast'	Lowfast Cotoneaster	X				X		F		X	X		X			IC
Cotoneaster microphyllus	Rockspray Cotoneaster	X		X				F		X	X		X			
Cryptomeria japonica 'Lobbi Nana'	Dwarf Plume Cedar	X			X					X	X					
Daboecia cantabrica 'Alba'	White Heath	X				X		G		X	X					IC
Daboecia cantabrica 'Atropurpurea'	Purple Heath	X				X		G		X	X					IC
Daboecia x scotia 'William Buchanan'	William Buchanan Heath	X				X		G		X	X					
Daphne cneorum	Rock Garden Daphne	X				X		G		X	X		X			
Daphne cneorum 'Ruby Glow'	Ruby Glow Garland Daphne	X				X		G		X	X		X			
Daphne odora	Winter Daphne	X			X			G		X	X	X				CC
Daphne x burwoodii 'Carol Mackie'	Carol Mackie Daphne	X			X			G,V		X	X		X			CC
Daphne x burwoodii 'Somerset'	Somerset Daphne	X			X			G		X	X		X			CC
Deutzia gracilis	Slender Deutzia		X		X			G		X	X					
Enkianthus campanulatus	Enkianthus		X	X				C,G			X	X		X		
Erica carnea varieties	Heath Varieties	X				X		G		X	X					C
Erica sp.	Erica	X				X		G		X						C
Escallonia rubra	Escallonia	X		X				G,A		X	X					
Escallonia rubra varieties	Escallonia Varieties	X		X				G,A		X	X					
Euonymus alata 'Compacta'	Compact Burning Bush		X		X			C,G		X	X					
Euonymus fortunei varieties	Winter Creeper Varieties	X				X		V		X	X	X				C
Euonymus japonicus varieties	Japanese Euonymus Varieties	X		X	X	X		V		X	X					

Shrubs, Groundcovers,
Vines & Ornamental
Grasses

		Evergreen	Deciduous	Tall - over 6'	Medium - 3'-6'	Low - 1' - 3'	Groundcover - under	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Potential Hazards***	Traffic Circle
Fargesia nitida	Blue Fountain Bamboo (Clumping Bamboo)	X	X	X								X			M	
Fatsia japonica	Fatsia	X		X							X	X			I	
Festuca 'Elijah Blue'	Elijah Blue Fescue Grass	X				X		V		X	X		X			C
Festuca ovina 'Glauca'	Blue Fescue Grass	X				X		V		X	X		X			C
Forsythia x intermedia varieties	Forsythia Varieties		X	X				G		X	X					
Fragaria chiloensis	Beach Strawberry	X					X	G	X	X	X		X			C
Gaultheria procumbens	Wintergreen	X					X	F,G			X	X				C
Gaultheria shallon	Salal	X				X		G	X		X	X				C
Genista lydia	Broom		X			X		G		X	X		X			C
Genista pilosa varieties	Broom		X			X		G,C		X	X		X			C
Hamamelis x intermedia varieties	Hybrid Witch Hazel Varieties		X	X				G,C		X	X					CC
Hebe sp.	Hebe	X			X			G,A		X						
Hedera helix 'Baltica'	Baltic Ivy	X					X	V		X	X	X			I	
Hedera helix 'Hahn's Self-branching'	Hahn's Ivy	X					X			X	X	X			I	
Hedera helix 'Needlepoint'	Needlepoint Ivy	X					X			X	X	X			I	
Helictotrichon sempervirens	Blue Oat Grass	X				X		V		X	X					C
Hemerocalis - Hybrids	Hybrid Daylilies	X	X			X		G		X	X					C
Hemerocalis sp.	Daylily		X			X		G		X	X					C
Hibiscus syriacus	Rose-of-Sharon		X	X				G,A		X	X		X			
Holodiscus discolor	Ocean Spray		X	X				G,A	X		X		X			
Hosta sp.	Hosta		X			X		G,V			X	X				C
Hydrangea macrophylla	Big-leaf Hydrangea		X	X				G		X	X					

Shrubs, Groundcovers,
Vines & Ornamental
Grasses

		Evergreen	Deciduous	Tall - over 6'	Medium - 3'-6'	Low - 1' - 3'	Groundcover - under	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Potential Hazards***	Traffic Circle
Hypericum calycinum	St. Johnswort		X				X	G		X	X				I	C
Iberis sempervirens	Evergreen Candytuft	X					X	G,A		X	X					C
Ilex cornuta varieties	Chinese Holly	X		X				F		X	X				T	
Ilex crenata varieties	Japanese Holly	X			X	X		F		X	X	X			T	
Imperata cylindrica 'Rubra'	Japanese Blood Grass	X				X		V		X	X					C
Juniperus sp.	Juniper	X		X	X	X				X			X			
Kalmia latifolia	Mountain Laurel	X		X	X			G		X	X					
Laurentia fluviatilis	Blue Star Creeper	X					X	G		X	X					C
Lavandula angustifolia	English Lavender	X			X			G,A		X	X		X		B	C
Lavandula angustifolia varieties	English Lavender Varieties	X				X		G,V,A		X	X		X		B	C
Lavandula latifolia	Spike Lavender	X			X			G,A		X	X		X		B	C
Leucothoe axillaris	Coast Leucothoe	X			X			G		X	X		X			
Leucothoe fontanesiana	Drooping Leucothoe	X			X			G,F		X	X		X			
Ligustrum japonicum varieties	Japanese Privet Varieties	X		X						X	X					
Ligustrum lucidum	Glossy Privet	X		X				G,F		X	X				M	
Liriope muscari	Lily Turf	X				X		G,F			X	X				C
Liriope spicata	Creeping Lily Turf	X				X	X				X	X				C
Lonicera involucrata	Black Twinberry		X	X				G,A	X	X	X					
Lonicera japonica varieties	Japanese Honeysuckle Varieties	X				X		G,A		X	X				M,B,I	C
Magnolia stellata	Star Magnolia		X	X				G,C		X						
Mahonia aquifolium	Oregon Grape	X		X				G,F,C,A	X	X	X	X	X		B	CC
Mahonia aquifolium 'Compactum'	Dwarf Oregon Grape	X			X			F,G,C,A	X	X	X	X	X		B	CC

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Shrubs, Groundcovers,
Vines & Ornamental
Grasses

		Evergreen	Deciduous	Tall - over 6'	Medium - 3'-6'	Low - 1' - 3'	Groundcover - under	Accent Characteristics*	Native/Woodland	Sun	Part Sun	Shade	Drought Tolerant	Tolerates Wet Soil	Potential Hazards***	Traffic Circle
Mahonia nervosa	Longleaf Mahonia	X				X		F,G, A	X		X	X			B	C
Mahonia repens	Creeping Mahonia	X				X		F,G,V ,A	X	X	X		X		B	C
Miscanthus sinensis	Japanese Silver Grass	X		X				V		X	X		X			
Molina caerulea varieties	Moor Grass Varieties	X				X		G		X	X		X			C
Myrica californica	Pacific Wax Myrtle	X		X				F	X	X	X		X			
Nandina domestica	Heavenly Bamboo	X		X				F,C		X	X	X	X			
Nandina domestica 'Compacta'	Compact Heavenly Bamboo	X			X			F,C		X	X	X	X			
Nandina domestica 'Harbor Dwarf'	Harbor Dwarf Heavenly	X				X		F,C		X	X		X			C
Ophiopogon japonicus	Mondo Grass	X					X	G		X	X	X				C
Osmanthus delavayi	Delavay Osmanthus	X			X			G		X	X					
Osmanthus x burkwoodii	Burkwood Osmanthus	X		X				G		X	X					
Pachysandra terminalis	Japanese Spurge	X					X	G,F			X	X				C
Parthenocissus quinquefolia	Virginia Creeper		X				X			X	X	X	X			
Parthenocissus tricuspidata	Boston Ivy		X				X	C		X	X	X	X			
Philadelphus coronarius	Mock Orange		X	X				G,A		X						
Phormium tenax	New Zealand Flax	X		X				V		X	X					
Photinia glabra	Japanese Photinia	X		X				G,F,V		X						
Photinia x fraseri	Fraser Photinia	X		X				G,V		X						
Phyllostachys aurea	Golden Bamboo	X		X						X	X					
Physocarpus capitatus	Pacific Nine Bark		X	X				G,C	X	X	X	X				
Pieris formosa 'Forest Flame'	Forest Flame Pieris	X		X				G,V			X					
Pieris japonica varieties	Japanese Pieris Varieties	X		X				G,V		X	X	X				

Shrubs, Groundcovers,
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Grasses

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Pinus densiflora 'Umbraculifera Compacta'	Compact Tanyosho Pine	X		X						X	X		X			
Pinus mugo mugo	Dwarf Mugo Pine	X			X					X	X		X			
Polystichum munitum	Sword Fern	X			X				X		X	X				CC
Potentilla fruticosa	Shrubby Cinquefoil		X		X			G,A	X	X			X			
Prunus laurocerasus	English Laurel	X		X				G		X	X	X			M	
Prunus laurocerasus 'Otto Luyken'	Otto Luyken Laurel	X			X					X	X	X				
Prunus laurocerasus schipkaensis	Shipka Laurel	X			X					X	X	X				
Prunus laurocerasus 'Zabeliana'	Zabel Laurel	X			X					X	X					
Prunus lusitanica	Portugal Laurel	X		X				G,F		X	X		X			
Pyracantha fortuneana varieties	Firethorn Varieties	X		X				F		X					T	
Rhamnus indica	Indian Hawthorn	X			X			F,G		X	X					
Rhamnus umbellata ovata	Indian Hawthorn	X		X				F,G		X	X					
Rhododendron hybrids	Hybrid Rhododendron	X			X			G,A		X	X	X			B	
Rhododendron occidentale	Western Azalea		X	X				G,A	X	X	X	X			B	
Rhododendron macrophyllum	Rhododendron	X		X				G,A	X		X	X			B	
Rhus glabra	Smooth Sumac		X	X				C	X	X	X		X		I	
Rhus typhina	Staghorn Sumac		X	X				C,F	X	X	X		X		I	
Ribes sanguineum	Red Flowering Currant		X	X				F,G, A	X	X	X	X		X		
Rosa nutkana	Nootka Rose		X		X			G,F, A	X	X	X		X		T	CC
Rosa 'Redleaf'	Redleaf Rose		X	X				G,F,V, A		X	X				T	CC
Rosa rugosa	Rugosa Rose		X	X				G,F, A	X	X	X		X		T	CC

Shrubs, Groundcovers,
Vines & Ornamental
Grasses

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Rosa sp.	Shrub Roses		X	X				G,F, A		X	X				B,T	<u>CC</u>
Rosa woodsii	Wood Rose		X		X			G,F, A	X	X	X		X		T	<u>CC</u>
Rosmarinus officinalis	Rosemary	X			X			G,W, A		X			X		B	
Rosmarinus officinalis 'Prostratus'	Creeping Rosemary	X				X		G,W, A		X			X		B	<u>C</u>
Rubus calycinooides	Bramble	X				X		G,F		X	X		X			<u>C</u>
Rubus parviflorus	Thimbleberry		X	X				G,F	X	X	X					
Rubus spectabilis	Salmonberry		X	X				G,F	X	X	X					
Salix purpurea 'Nana'	Dwarf Purple Willow		X			X		V		X	X					<u>C</u>
Sambucus racemosa	Red Elderberry		X	X				G,F, A		X	X					
Saracococca hookerana humilis	Saracococca	X				X		G,F			X	X				<u>C</u>
Saracococca ruscifolia	Saracococca	X			X			G,F			X	X				
Skimmia japonica	Skimmia	X			X			G,F			X	X			P	
Spiraea douglasii	Douglas Spirea		X	X				G,A	X	X	X		X		I	
Spiraea japonica varieties	Japanese Spirea Varieties		X		X	X		G,A		X	X					
Spiraea nipponica 'Snowmound'	Snowmound Spirea		X			X		G,A		X	X					<u>C</u>
Spiraea x vanhouttei	Vanhouttei Spirea		X		X			G,A		X	X					
Symphoricarpos albus	Snowberry		X		X			G,F, W		X	X	X	X			
Symphoricarpos orbiculatus	Coralberry		X		X			G,F, W		X			X			
Syringa vulgaris varieties	Common Lilac Varieties		X	X				G,A		X	X					
Thymus pseudolanuginosus	Woolly Thyme	X					X	G		X	X					<u>C</u>

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Thymus vulgaris 'Argenteus'	Silver Thyme	X				X		V		X	X					IC
Vaccinium ovatum	Evergreen Huckleberry	X			X			G,F, A	X		X	X				CC
Viburnum davidii	David's Viburnum	X				X		G,F, A	X	X						IC
Viburnum opulus 'Roseum'	European Cranberry Bush		X	X				G,A		X	X				P	
Viburnum plicatum tomentosum	Doublefile Viburnum		X	X				G,F, A		X	X					
Viburnum tinus	Laurestinus	X		X				G,F, A		X	X				P	
Viburnum tinus varieties	Laurestinus Varieties	X			X			G,F, A		X	X					
Viburnum x bodnantense 'Dawn'	Dawn Viburnum		X	X				G,F,C ,A		X	X				H	
Viburnum x burkwoodii	Burkwood Viburnum	X		X				G,F, A		X	X					
Vinca minor	Periwinkle	X					X	G			X	X				C
Vinca minor varieties	Periwinkle Varieties	X					X	G,V			X	X				C
Weigela florida varieties	Weigela Varieties		X		X			G		X	X					
Wisteria sinensis	Chinese Wisteria		X			X		G,A		X	X					
Yucca filamentosa	Adam's Needle	X				X		G		X	X		X			CC