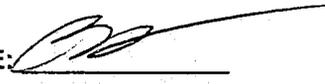


**AGENDA ITEM SUMMARY**

DATE: 7/15/13 DEPARTMENT: PW - Streets DEPT. HEAD SIGNATURE: 

**SUBJECT:** Discussion of landscaping plan for Woodside roundabout

**AUTHORITY:**  ID Code \_\_\_\_\_  IAR \_\_\_\_\_  City Ordinance/Code \_\_\_\_\_  
(IF APPLICABLE)

**BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:**

Attached is a layout for your discussion on plantings for the Woodside/Fox Acres roundabout. There will also be photos at the meeting showing the possible plantings for native grasses, ground cover and perennials. The basis for this plant selection is the E. W. Fox Demonstration Garden plantings which are both native and low water use. Planting of three trees is shown which would rely on recommendations from the Tree Committee for proper choices. Tree placement will also need to take into concern the location of both water and sewer mains through this area. There is concern with trees blocking visibility at the roundabout which would be minimized by proper trees with sufficient clearance under the crown.

The work to accomplish this planting would include a plan from a qualified landscaper, adding topsoil (weed free) to the roundabout, installation of irrigation to match the plan and planting.

Not shown is public art in this area. Thoughts on the appropriateness and location would be appreciated.

**FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS:** Caselle # \_\_\_\_\_  
Budget Line Item # \_\_\_\_\_ YTD Line Item Balance \$ \_\_\_\_\_  
Estimated Hours Spent to Date: \_\_\_\_\_ Estimated Completion Date: \_\_\_\_\_  
Staff Contact: \_\_\_\_\_ Phone # \_\_\_\_\_  
Comments: \_\_\_\_\_

**ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS:** (IF APPLICABLE)

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> City Administrator | <input type="checkbox"/> Library             | <input type="checkbox"/> Benefits Committee |
| <input type="checkbox"/> City Attorney      | <input type="checkbox"/> Mayor               | <input type="checkbox"/> Streets            |
| <input type="checkbox"/> City Clerk         | <input type="checkbox"/> Planning            | <input type="checkbox"/> Treasurer          |
| <input type="checkbox"/> Building           | <input type="checkbox"/> Police              | _____                                       |
| <input type="checkbox"/> Engineer           | <input type="checkbox"/> Public Works, Parks | _____                                       |
| <input type="checkbox"/> Fire Dept.         | <input type="checkbox"/> P & Z Commission    | _____                                       |

**RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:**

**ADMINISTRATIVE COMMENTS/APPROVAL:**

City Administrator \_\_\_\_\_ Dept. Head Attend Meeting (circle one) Yes No

**ACTION OF THE CITY COUNCIL:**

Date \_\_\_\_\_

City Clerk \_\_\_\_\_

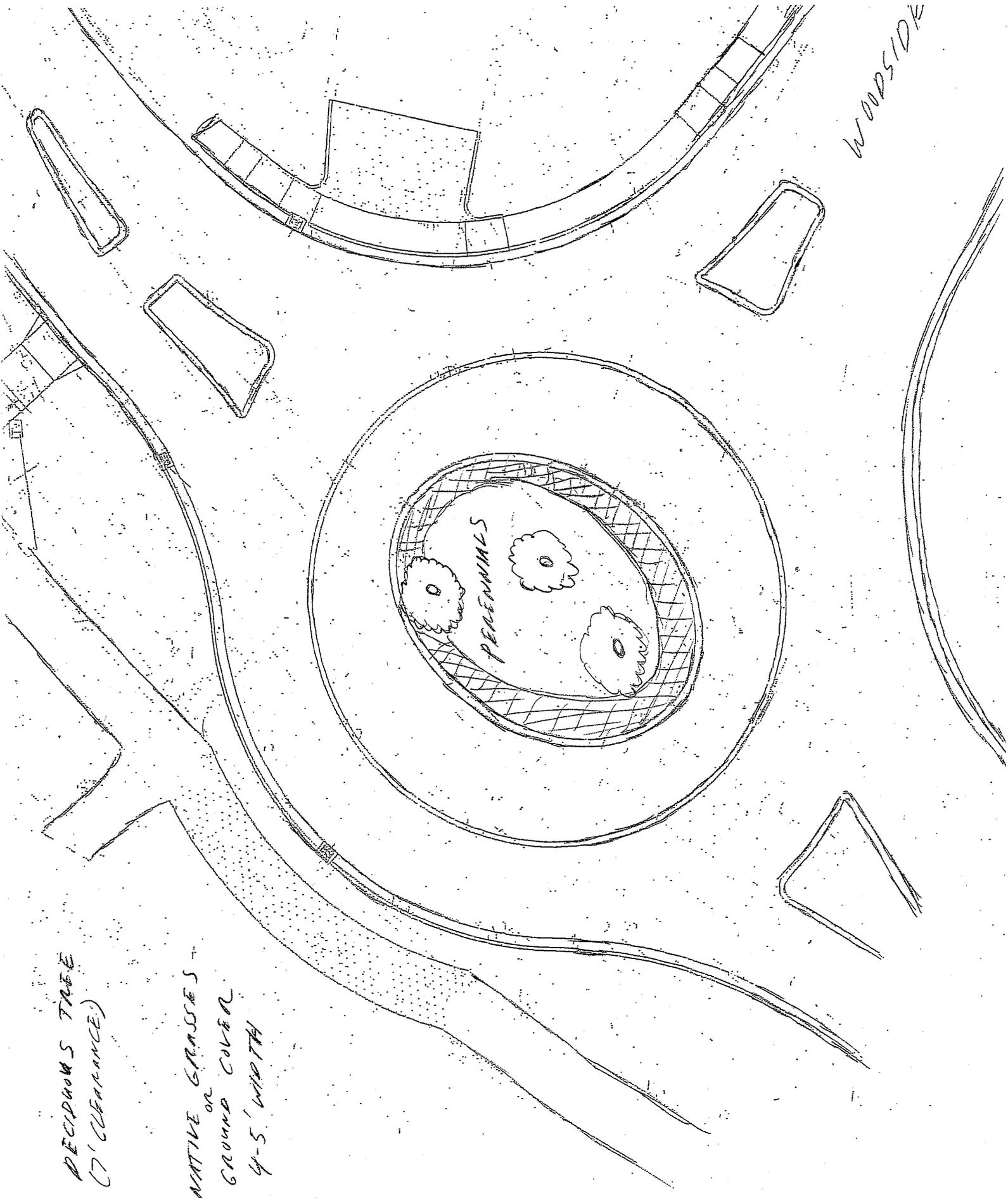
**FOLLOW-UP:**

\*Ord./Res./Agrmt./Order Originals: Record \*Additional/Exceptional Originals to: \_\_\_\_\_

Copies (all info.):  
Instrument # \_\_\_\_\_

Copies (AIS only)

WOODSIDE



DECIDUOUS TREE  
(7' CLEARANCE)

NATIVE OR GRASSES -  
GROUND COVER  
4-5' WIDTH



**MEDIUM DECIDUOUS**

Common Name	Scientific Name	Height	Spread	Habit	Native (Blaine County)	Features/Problems
Ash, Green	<i>Fraxinus pennsylvanica</i>	25'-50'	20'-25'	full-crowned	no	shade tree
Ash, Manchana	<i>Fraxinus mandshurica</i>	25'-50'	20'-25'	full-crowned	no	shade tree
Aspen, Quaking**	<i>Populus tremuloides</i>	25'-50'	10'-15'	columnar	yes	fast-growing, short-lived pest issues, invasive
Aspen, Swedish	<i>Populus tremula erecta</i>	25'-50'	10'-15'	columnar	no	winter damage
Birch, European White	<i>Betula pendula</i>	40'-50'	20'-30'	pyramidal	no	decorative bark, birch bore
Boxelder**	<i>Acer negundo</i>	30'-50'	20'-40'	spreading	yes	boxelder bugs, invasive
Horsechestnut	<i>Aesculus hippocastanum</i>	25'-50'	20'-30'	full-crowned	no	hardier in south valley
Linden, Littleleaf	<i>Tilia cordata</i>	40'-50'	20'-40'	pyramidal	no	attract aphids, ants, bees
Linden, American	<i>Tilia americana</i>	40'-80'	20'-40'	full-crowned	no	attract aphids, ants, bees
Locust, Black	<i>Robinia pseudoacacia</i>	30'-50'	20'-30'	full-crowned	no	hardier in south valley
Maple, Norway	<i>Acer platanoides</i>	30'-60'	20'-40'	full-crowned	no	hardy, shade tree
Maple, Red	<i>Acer rubrum</i>	30'-60'	20'-40'	full-crowned	no	hardier in south valley
Maple, Autumn Blaze	<i>Acer x freemanii</i>	50'-60'	30'-40'	full-crowned	no	brilliant red leaf color

**LARGE EVERGREEN**

Common Name	Scientific Name	Height	Spread	Habit	Native (Blaine County)	Features/Problems
Fir, Concolor*	<i>Abies concolor</i>	30'-60'	20'-30'	pyramidal	yes	soft needles, few pest issues
Fir, Douglas*	<i>Pseudotsuga menziesii</i>	50'-100'	20'-30'	pyramidal	yes	hardy
Fir, Sub-alpine*	<i>Abies lasiocarpa</i>	50'-100'	10'-20'	pyramidal	yes	drainage
Larch, Western	<i>Larix occidentalis</i>	50'-100'	20'-30'	pyramidal	yes	deciduous conifer
Pine, Lodgepole*	<i>Pinus contorta</i>	50'-100'	20'-30'	pyramidal	yes	bark beetles, elk damage
Pine, Ponderosa*	<i>Pinus ponderosa</i>	50'-100'	20'-30'	pyramidal	no	elk damage
Spruce, Colorado Blue*	<i>Picea pungens</i>	50'-80'	20'-30'	pyramidal	no	pest issues
Spruce, Engelmann*	<i>Picea engelmannii</i>	50'-100'	20'-30'	pyramidal	yes	hardy
Spruce, Norway*	<i>Picea abies</i>	50'-80'	20'-30'	pyramidal	no	large decorative cones

**LARGE DECIDUOUS**

Common Name	Scientific Name	Height	Spread	Habit	Native (Blaine County)	Features/Problems
Buckeye	<i>Aesculus glabra</i>	30'-60'	20'-30'	full-crowned	no	hardier in south valley
Cottonwood, Black**	<i>Populus trichocarpa</i>	60'-110'	20'-30'	columnar	yes	short-lived, invasive structural safety issues
Elm, Siberian**	<i>Ulmus pumila</i>	30'-60'	20'-40'	vase/spreading	no	messy, invasive
Maple, Silver	<i>Acer saccharinum</i>	30'-60'	20'-30'	full-crowned	no	prone to decay
Poplar, Silver**	<i>Populus alba</i>	30'-60'	20'-40'	full-crowned	no	fast-growing, short-lived
Willow**	<i>Salix alba</i>	30'-60'	20'-40'	full-crowned/weeping	some ssp.	messy, invasive

\*Species not recommended for street corner locations in right-of-way plantings due to motorist visibility

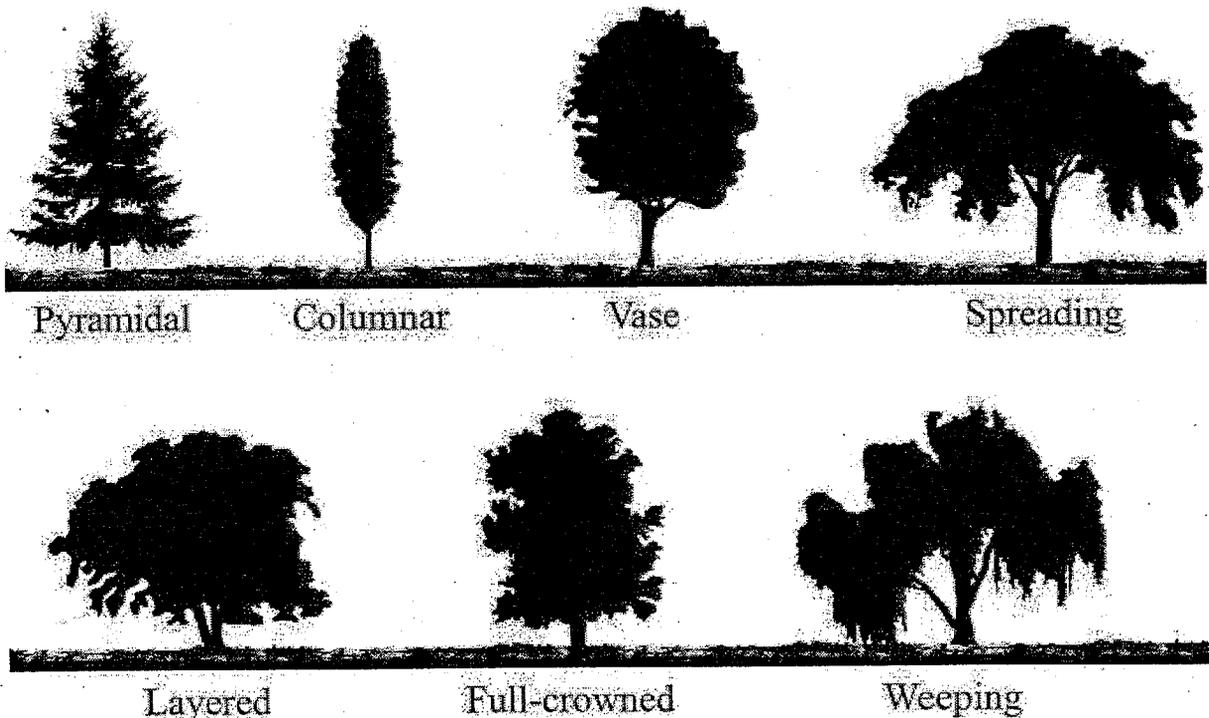
\*\*Species not recommended for right-of-way plantings due to seed & fruit litter, invasive roots/sprouts, or safety

# Tree Selection

## General Tree Selection Guidelines

Matching the tree to the site is one of the most important decisions a property owner makes when landscaping or replacing a tree lost to damage or disease. Carefully consider “the right tree for the right place.”

Selecting the right form (shape) to complement the desired function (what you want the tree to do) can significantly reduce maintenance costs and increase the tree’s value in the landscape. When making a selection about form, also consider mature tree size. Trees grow in a variety of sizes and shapes, as shown below. They can vary in height from several inches to several hundred feet. Select a form and size that will fit the planting space provided now and into the future.



## Size

How tall (height) and how wide (spread) trees will grow is a very important factor to consider when selecting a tree. In general, small trees are less than 25 feet tall when mature, medium trees grow 25 to 50 feet tall when mature, and large trees grow over 50 feet tall when mature. A tree’s spread is a result of its growth habit and should also play a significant role when selecting for a particular site. Consult a professional or the suggested species list on pages 5-6 in this guide to insure you are choosing the proper size species for the planting location.

