

**MATERIAL PREPARED FOR DISCUSSION BY THE URBAN FORESTRY COMMISSION.  
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COMMISSION AND MAY OR MAY NOT MOVE FORWARD TO VOTE.**

**DRAFT**

**Comments/Recommendations Planting Plan for SPU Ship Canal Water Quality Program & 3<sup>rd</sup> Avenue  
Water Main Project**

11<sup>th</sup> Avenue Shaft:

1. Because SDOT has reported an overuse of maples throughout the City, recommend substituting the Acer rubrum Frank's Red with a non-maple species such as Quercus coccinea (for fall color).
2. Trees that are large with wide canopies provide better "green infrastructure" services than small trees with narrow canopies. Also, diversity of species is important. Therefore it is recommended to substitute at least two other species that would provide more canopy cover for the Carpinus japonica such as Fraxinus Pennsylvanica Cimzam, or similar;

Fremont Shaft:

1. Again, it is recommended to eliminate the Acer rubrum Bowhall and the Acer rubrum Frank's Red with non-maple species such as: one of the elms resistant to Dutch Elm disease, Liriodendron tulipifera (where room allows), Ginkgo biloba Autumn Gold; or Fagus
2. The ground covers/grasses and shrubs are a mix of upland and wetland species and sun and shade loving species, which may not be suitable for site conditions. For example, Glyceria grandis is an obligate wetland plant that needs wet conditions year round (it also may be hard to find in 1 gallon containers as specified). Is the area where this species is to be planted a rain garden or bioswale? If not, it is recommended to substitute a different grass species that is tolerant of drier conditions such as: Calamagrostis Canadensis or one of the native Fescues. Deschampsia cespitosa is also a wetland grass but can tolerate drier conditions if the area is to be irrigated in the summer.
3. Consider including larger native conifers where room allows and not just Pinus contorta contorta.

3rd Avenue Shaft:

No comments. Good variety of species.

East Shaft:

1. Reduce number of Acer buergerianum and add in another non-maple species, such as Tilia cordata De Groot, or similar sized tree from the SDOT approved street tree list.