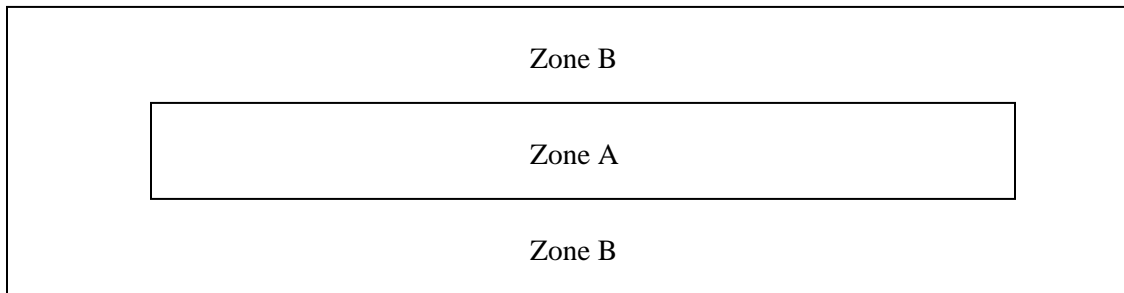


## APPENDIX F.4 PLANTING TEMPLATES AND PLANT LISTS

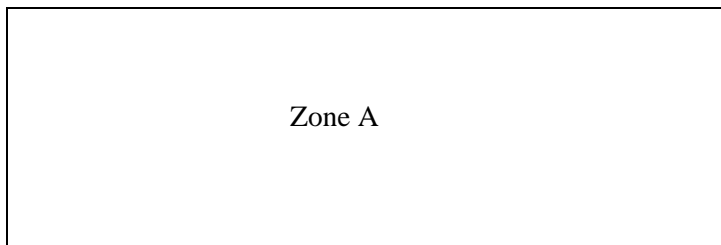
**Zone A:** Area of the facility defined as the bottom of the facility to the designed high water mark. This area has moist to wet soils and plants located here shall be tolerant of mild inundation.

**Zone B:** Area of the facility defined as the side slopes from the designed high water line up to the edge of the facility. This area typically has dryer to moist soils, with the moist soils being located further down the side slopes. Plants here should be drought tolerant and help stabilize the slopes.

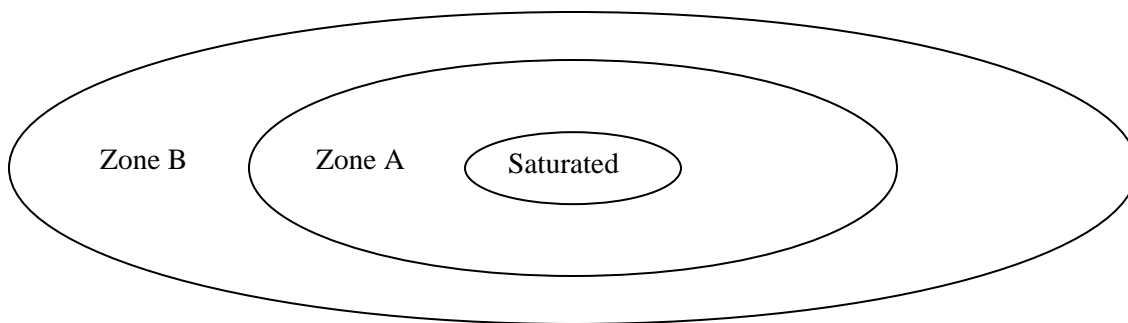
### Swale Planting Zones



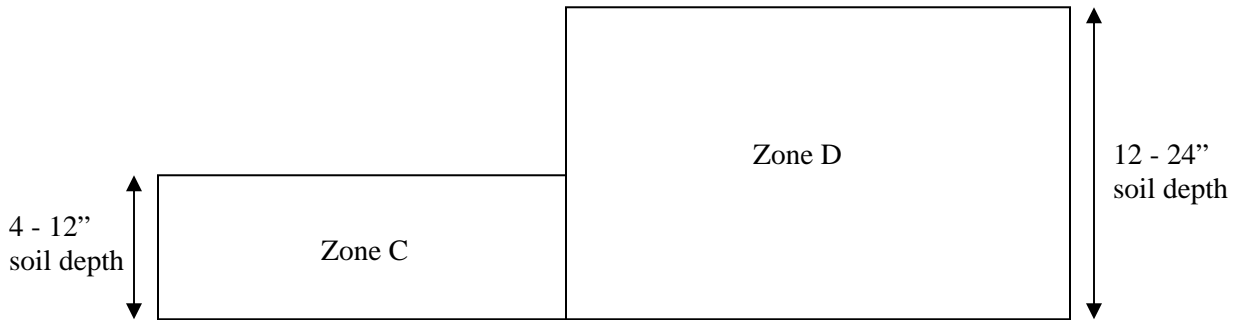
### Planter Planting Zones



### Basin Planting Zones



## Ecoroof Planting Zones



### Grassy Swale Native Seed Mix

#### Percentages are by weight:

<i>Hordeum brachyantherum</i> (Meadow Barley)	= 25%
<i>Danthonia californica</i> (California Oat-grass)	= 15%
<i>Elymus glaucus</i> (Blue Wild Rye)	= 10%
<i>Bromus carinatus</i> (California Brome)	= 10%
<i>Festuca romerii</i> (Roemer's fescue)	= 10%
<i>Deschampsia cespitosa</i> (Tufted hairgrass)	= 10%
<i>Agrostis exarata</i> (Spike bentgrass)	= 10%
<i>Alopecurus geniculatus</i> (Water foxtail)	= 5%
<i>Deschampsia elongata</i> (Slender hairgrass)	= 5%

## Facility Plant List

Plant Name	Proposed Facility Type						Characteristics				
	Zone	Private			Public			NW Native	Evergreen	Potential Hgt.	O.C. Spacing
Botanic name, Common Name		Swale	Planter	Basin	Dry Pond	Wet Pond	Basin				
<b>Herbaceous Plants</b>											
<i>Aster suspicatus</i> , Douglas' Aster	B	X		X				Y	N	36"	12"
<i>Athyrium felix-femina</i> , Lady Fern	B	X		X			X	Y	N	36"	24"
<i>Blechnum spicant</i> , Deer Fern	B	X		X			X	Y	N	24"	24"
<i>Bromus carinatus</i> , California Brome Grass	A			X			X	Y	Y	18"	12"
<i>Bromus sitchensis</i> , Alaska Brome	A			X			X	Y	Y	18"	12"
<i>Bromus vulgaris</i> , Columbia Brome	A			X			X	Y	Y	18"	12"
<i>Camassia leichtlinii</i> , Camas Lily	A	X	X	X				Y	N	24"	12"
<i>Camassia quamash</i> , Common Camas	A/B	X	X	X			X	Y	N	24"	12"
<i>Carex deweyana</i> , Dewey Sedge	A	X	X	X			X	Y	Y	36"	12"
<i>Carex densa</i> , Dense Sedge	A	X	X	X			X	Y	Y	24"	12"
<i>Carex obnupta</i> , Slough Sedge	A	X	X	X			X	Y	Y	4'	12"
<i>Carex rupestris</i> , Curly Sedge	A	X	X	X				N	Y	14"	12"
<i>Carex stipata</i> , Sawbeak Sedge	A	X	X	X				N	N	20"	12"
<i>Carex testacea</i> , New Zealand Orange Sedge	A	X	X	X			X	N	Y	24"	12"
<i>Carex vesicaria</i> , Inflated Sedge	A	X	X	X			X	Y	N	36"	12"
<i>Deschampsia cespitosa</i> , Tufted Hair Grass	A/B	X	X	X			X	Y	N	36"	12"
<i>Eleocharis acicularis</i> , Needle Spike Rush	A	X	X	X			X	Y	Y	30"	12"
<i>Eleocharis ovata</i> , Ovate Spike Rush	A	X	X	X			X	Y	Y	30"	12"
<i>Eleocharis palustris</i> , Creeping Spike Rush	A			X			X	Y	Y	30"	12"
<i>Elymus glaucus</i> , Blue Wild Rye	B	X		X			X	Y	Y	24"	12"

## Facility Plant List

Plant Name	Proposed Facility Type						Characteristics				
	Zone	Private					Public	NW Native	Evergreen	Potential Hgt.	O.C. Spacing
Botanic name, Common Name		Swale	Planter	Basin	Dry Pond	Wet Pond	Basin				
<i>Festuca occidentalis</i> , Western Fescue Grass	A	X		X			X	Y	N	24"	12"
<i>Festuca rubra</i> , Red Fescue	B	X		X			X	Y	Y	24"	12"
<i>Glyceria occidentalis</i> , Western Manna Grass	A			X			X	Y	Y	18"	12"
<i>Hebe 'Autumn Glory'</i> , Hebe	B	X		X				N	Y	14"	12"
<i>Iris douglasiana</i> , Douglas Iris	B	X		X			X	Y	N	18"	12"
<i>Iris sibirica</i> , Siberian Iris	A	X	X	X				N	N	36"	12"
<i>Iris tenax</i> , Oregon Iris	B	X		X			X	Y	N	18"	12"
<i>Juncus balticus</i> , Baltic Rush	A	X	X	X				N	N	20"	12"
<i>Juncus effusus var. pacificus</i> , Soft rush	A	X	X	X			X	Y	Y	36"	12"
<i>Juncus ensifolius</i> , Dagger-leaf Rush	A	X	X	X			X	N	N	10"	12"
<i>Juncus patens</i> , Spreading Rush	A	X	X	X			X	N	Y	36"	12"
<i>Juncus tenuis</i> , Slender Rush	A	X	X	X			X	Y	Y	36"	12"
<i>Lupinus micranthus</i> , Small Flowered Lupine	B	X		X			X	Y	N	18"	12"
<i>Lupinus polyphyllus</i> , Large-leaved Lupine	A/B	X		X				Y	N	36"	12"
<i>Polystichum munitum</i> , Sword Fern	A/B	X		X			X	Y	Y	24"	24"
<i>Scirpus acutus</i> , Hardstem Bulrush	A	X	X	X				N	N	10"	12"
<i>Scirpus americanus</i> , American Bulrush	A	X	X	X			X	Y	Y	30"	12"
<i>Scirpus microcarpus</i> , Small Fruited Bulrush	A			X			X	Y	Y	24"	12"
<i>Scirpus validus</i> , Softstem Bulrush	A	X	X	X				N	N	5'	12"
<i>Sedum oregonum</i> , Oregon Stonecrop	B	X						Y	Y	4"	12"
<i>Sisyrinchium californicum</i> , Yellow-eyed Grass	A/B	X	X	X				N	Y	6"	12"
<i>Veronica liwanensis</i> , Speedwell	A	X		X				N	N	2"	12"

## Facility Plant List

Plant Name	Proposed Facility Type						Characteristics				
	Zone	Private			Public			NW Native	Evergreen	Potential Hgt.	O.C. Spacing
Botanic name, Common Name		Swale	Planter	Basin	Dry Pond	Wet Pond	Basin				
<b>Large Shrubs and Small Trees</b>											
<i>Acer circinatum</i> , Vine Maple	A/B	X	X	X			X	Y	N	15'	10'
<i>Amelanchier alnifolia</i> , Western Serviceberry	B	X		X			X	Y	N	20'	10'
<i>Ceanothus sanguineus</i> , Oregon Redstem Ceanothus	B	X		X			X	Y	Y	7'	4'
<i>Holodiscus discolor</i> , Oceanspray	B	X		X			X	Y	N	6'	4'
<i>Lonicera involucrata</i> , Black Twinberry	B	X		X			X	Y	N	5'	4'
<i>Oemleria cerasiformis</i> , Indian Plum	B	X		X			X	Y	N	6'	4'
<i>Philadelphu lewisii</i> , Wild Mock Orange	B	X		X			X	Y	N	6'	4'
<i>Ribes sanguineum</i> , Red- Flowering Current	B	X		X			X	Y	N	8'	4'
<i>Rubus parviflorus</i> , Thimbleberry	B	X		X			X	Y	N	8'	4'
<i>Rubus spectabilis</i> , Salmonberry	A	X	X	X			X	Y	N	10'	4'
<i>Salix fluviatilis</i> , Columbia Willow	A/B	X	X	X			X	N	N	13'	6'
<i>Salix lucida</i> var. ' <i>Lasiandra</i> ', Pacific Willow	A	X	X	X			X	Y	N	13'	6'
<i>Salix stichensis</i> , Sitka Willow	A	X	X	X			X	Y	N	20'	6'
<i>Sambucus cerulea</i> , Blue Elderberry	B	X		X			X	Y	N	10'	10'
<i>Sambucus racemosa</i> , Red Elderberry	B	X		X			X	Y	N	10'	10'
<i>Spiraea douglasii</i> , Douglas Spiraea	A/B	X	X	X			X	Y	N	7'	4'
<i>Viburnum edule</i> , Highbush Cranberry	A/B	X	X	X			X	Y	N	6'	4'

## Facility Plant List

Plant Name	Proposed Facility Type						Characteristics				
	Zone	Private			Public			NW Native	Evergreen	Potential Hgt.	O.C. Spacing
Botanic name, Common Name		Swale	Planter	Basin	Dry Pond	Wet Pond	Basin				
<b>Shrubs</b>											
<i>Ceanothus velutinus</i> , Snowbrush	B	X		X			X	Y	Y	4'	3'
<i>Cornus sericea</i> , Red-twig Dogwood	A	X	X	X			X	Y	N	6'	4'
<i>Cornus sericea 'Kelseyii'</i> , Kelsey Dogwood	B	X		X			X	N	N	24"	24"
<i>Gaultheria shallon</i> , Salal	B	X		X			X	Y	Y	24"	24"
<i>Mahonia aquifolium</i> , Oregon Grape	B	X		X			X	Y	Y	5'	3'
<i>Mahonia nervosa</i> , Dull Oregon Grape	B	X		X			X	Y	Y	24"	24"
<i>Physocarpus capitatus</i> , Pacific Ninebark	A/B	X	X	X				Y	N	10'	3'
<i>Rosa gymnocarpa</i> , Baldhip Rose	B	X		X			X	Y	N	3'	3'
<i>Rosa nutkana</i> , Nootka Rose	B	X		X			X	Y	N	8'	3'
<i>Rosa pisocarpa</i> , Swamp Rose	A/B	X	X	X			X	Y	N	8'	3'
<i>Symphoricarpos alba</i> , Common Snowberry	B	X		X			X	Y	N	6'	3'
<b>Groundcovers</b>											
<i>Arctostaphylos uva-ursi</i> , Kinnickinnick	B	X		X				Y	Y	6"	12"
<i>Fragaria chiloensis</i> , Coastal Strawberry	B	X		X				Y	Y	6"	12"
<i>Fragaria vesca</i> , Woodland Strawberry	B	X		X				N	Y	10"	12"
<i>Fragaria virginiana</i> , Wild Strawberry	B	X		X				N	Y	10"	12"
<i>Helictotrichon sempervirens</i> , Blue Oat Grass	B	X		X				N	Y	24"	12"
<i>Mahonia repens</i> Creeping Oregon Grape	B	X		X				Y	Y	12"	12"

## Facility Plant List

Plant Name	Proposed Facility Type						Characteristics			
	Zone	Private				Public	NW Native	Evergreen	Potential Hgt.	O.C. Spacing
Botanic name, Common Name		Swale	Planter	Basin	Dry Pond	Wet Pond	Basin			
<b>Trees</b>										
<i>Abies grandis</i> , Grand Fir	B			X			X	Y	Y	150'
<i>Acer griseum</i> , Paperbark Maple	B	X		X				N	N	30'
<i>Acer macrophyllum</i> , Big Leaf Maple	B	X		X			X	Y	Y	60'
<i>Alnus rubra</i> , Red Alder	A	X		X			X	Y	N	80'
<i>Arbutus menziesii</i> , Madrone	B			X			X	Y	N	35'
<i>Crataegus douglasii</i> , Black Hawthorn	A	X		X			X	Y	N	40' 10'
<i>Fraxinus latifolia</i> , Oregon Ash	A/B	X		X			X	Y	N	30'
<i>Malus fusca</i> , Pacific Crabapple	A	X	X	X			X	Y	N	30' 10'
<i>Metasequoia glyptostroboides</i> , Dawn Redwood	B			X			X	N	N	80'
<i>Populus tremuloides</i> , Quaking Aspen	A			X			X	Y	N	40'
<i>Prunus emarginata</i> var. <i>mollis</i> , Bitter Cherry	A/B	X	X	X			X	Y	N	50'
<i>Pseudotsuga menziesii</i> , Douglas Fir	B	X		X			X	Y	Y	200'
<i>Quercus garryana</i> , Oregon White Oak	B	X		X			X	Y	N	100'
<i>Rhamnus purshiana</i> , Cascara	A/B	X	X	X			X	Y	N	30'
<i>Salix hookeriana</i> , Hooker's Willow	A/B	X	X	X			X	Y	N	15'
<i>Salix scouleriana</i> , Scouler's Willow	A/B	X	X	X			X	Y	N	15'
<i>Thuja plicata</i> , Western Red Cedar	A			X			X	Y	Y	150'
<i>Tsuga heterophylla</i> , Western Hemlock	A	X		X			X	Y	Y	125'
<i>Tsuga mertensiana</i> , Mountain Hemlock	B	X		X			X	Y	Y	125'

## Ecoroof Plant List

Plant Name	Characteristics						
	Zone	NW Native	Evergreen	Potential Hgt.	O.C. Spacing	Full Sun	Partial Shade
<i>Botanic name, Common Name</i>							
<b>Sedums and Succulents</b>							
<i>Malephora crocea</i> var. <i>purpureo crocea</i> 'Tequila Sunrise', Coppery Mesemb	C	N	Y	10"		X	
<i>Sedum</i> 'Autumn Joy'	C	N	N	24"		X	
<i>Sedum acre</i> , Biting Stonecrop	C	N	Y	2"		X	
<i>Sedum album</i> , White Stonecrop	C	N	Y	3"		X	
<i>Sedum divergens</i> , Pacific Stonecrop	C	N	Y	3"		X	
<i>Sedum hispanicum</i> , Spanish Stonecrop	C	N	Y	3"		X	
<i>Sedum kamtschaticum</i> , Kirin-so	C	N	N	6"		X	
<i>Sedum oreganum</i> , Oregon Stonecrop	C	Y	Y	4"		X	X
<i>Sedum sexangular</i> , Tasteless Stonecrop	C	N	Y	4"		X	
<i>Sedum spathulifolium</i> , Stonecrop	C	Y	Y	4"		X	
<i>Sedum spurium</i> , Two-row Stonecrop	C	N	Y	6"		X	X
<i>Sempervivum tectorum</i> , Hens and Chicks	C	N	Y	6"		X	
<b>Herbaceous Plants</b>							
<i>Achillea millefolium</i> , Common Yarrow	C	N	N	36"		X	
<i>Achillea tomentosa</i> , Woolly Yarrow	C	N	N	8"		X	
<i>Arenaria montana</i> , Sandwort	C	N	N	4"		X	
<i>Artemisia</i> 'Silver Mound', Artemesia	C	N	N	12"		X	
<i>Aurinia saxatilis</i> , 'Compacta'	C	N	N	6"		X	
<i>Castilleja foliosa</i> , Indian Paintbrush	C	Y	N	10"		X	
<i>Dianthus</i> ssp.	C	N	N	12"		X	X



## Ecoroof Plant List

Plant Name	Characteristics						
	Zone	NW Native	Evergreen	Potential Hgt.	O.C. Spacing	Full Sun	Partial Shade
<i>Erigeron discoideus</i> , Fleabane	C	N	N	12"		X	X
<i>Festuca glauca</i> , Blue Fescue	C	N	Y	12"		X	X
<i>Fragaria chiloensis</i> , Coastal Strawberry	C	Y	Y	10"		X	X
<i>Fragaria virginiana</i> , Wild Strawberry	C	Y	Y	10"		X	X
<i>Gaillardia aristata</i> , Birds-eye gilia	C	N	N	20"		X	X
<i>Gazania linearis</i> 'CO Gold', Gazania	C	N	N	6"		X	
<i>Gilia capitata</i> , Blue Thimble Flower	C	Y	N	12"		X	
<i>Koeleria macrantha</i> , June Grass	C	N	N	24"		X	X
<i>Linaria reticulata</i> , Purplenet Toadflax	C	N	N	20"		X	
<i>Lobularia maritima</i> , Sweet Alyssum	C	N	N	12"		X	
<i>Polystichum munitum</i> , Sword Fern	C	Y	Y	24"		X	X
<i>Potentilla nepalensis</i> , Nepal Cinquefoil	C	N	N	14"		X	X
<i>Potentilla neumanniana</i> , Cinquefoil	C	N	N	14"		X	
<i>Thymus serpyllum</i> , Creeping Thyme	C	N	N	3"		X	
<i>Veronica liwanensis</i> , Speedwell	C	N	N	2"		X	X

## Ecoroof Plant List

Plant Name  <i>Botanic name, Common Name</i>	Characteristics						
	Zone	NW Native	Evergreen	Potential Hgt.	O.C. Spacing	Full Sun	Partial Shade

### Shrubs and Small Trees

<i>Amalanchier alnifolia</i> , Saskatoon Serviceberry	D	Y	N	20'		X	
<i>Berberis thunbergii</i> , Japanese Barberry	D	N	N	4'		X	
<i>Gaultheria shallon</i> , Salal	D	Y	Y	24"		X	X
<i>Lavandula angustifolia</i> 'Hidcote', Dwarf English Lavander	D	N	Y	30"		X	
<i>Mahonia aquifolium</i> , Oregon Grape	D	Y	Y	5'		X	X
<i>Mahonia nervosa</i> , Dull Oregon Grape	D	Y	Y	24"		X	X
<i>Mahonia repens</i> , Creeping Oregon Grape	D	Y	Y	12"		X	X
<i>Nanadina domestica</i> , Heavenly Bamboo	D	N	N	4'		X	X
<i>Ribes sanguineum</i> , Red-Flowering Current	D	Y	N	12'		X	X
<i>Rosa nutkana</i> , Nootka Rose	D	Y	N	10'		X	
<i>Symphoricarpos mollis</i> , Creeping Snowberry	D	Y	N	18"		X	X
<i>Thymus vulgaris</i> , Common Thyme	D	N	Y	12"		X	X

Greenstreet Plant List

Plant Name	Zone	Facility Type			Characteristics				
		Public	Swale	Curb Extension	Planter	NW Native	Evergreen	Potential Hgt.	O.C. Spacing

**Herbaceous Plants**

<i>Camassia leichtlini</i> , Great Camas	A/B	X	X	X	Y	N	24"	12"	
<i>Camassia quamash</i> , Common Camas	A/B	X	X	X	Y	N	24"	12"	
<i>Carex densa</i> , Dense Sedge	A	X	X	X	Y	Y	24"	12"	
<i>Carex obnupta</i> , Slough Sedge	A	X	X	X	Y	Y	4'	12"	
<i>Carex stipata</i> , Sawbeak Sedge	A	X	X	X	N	N	20"	12"	
<i>Carex testacea</i> , New Zealand Orange Sedge	A	X	X	X	N	Y	24"	12"	
<i>Deschampsia cespitosa</i> , Tufted Hair Grass	A/B	X	X	X	Y	N	36"	12"	
<i>Iris douglasiana</i> , Douglas Iris	B	X	X		Y	N	18"	12"	
<i>Iris tenax</i> , Oregon Iris	B	X	X		Y	N	18"	12"	
<i>Juncus patens</i> , Spreading Rush	A	X	X	X	N	Y	36"	12"	
<i>Polystichum munitum</i> , Sword Fern	A/B	X	X		Y	Y	24"	24"	

**Shrubs**

<i>Cornus sericea</i> 'Kelseyii', Kelsey Dogwood	A/B	X	X	X	N	N	24"	24"	
<i>Euonymus japonicus</i> 'Microphyllus' Boxleaf Evergreen Euonymus	B	X	X		N	Y	24"	24"	
<i>Gaultheria shallon</i> , Salal	B	X	X		Y	Y	24"	24"	
<i>Lavandula angustifolia</i> 'Hidcote Blue', Dwarf Lavander	B	X	X		N	N	24"	24"	
<i>Mahonia nervosa</i> , Dull Oregon Grape	B	X	X		Y	Y	24"	24"	
<i>Spiraea betulifolia</i> , Birchleaf Spiraea	A/B	X	X	X	Y	N	24"	24"	
<i>Spiraea densiflora</i> , Sub-alpine Spiraea	A/B	X	X	X	Y	N	24"	24"	

Greenstreet Plant List

Plant Name	Zone	Facility Type			Characteristics					
		Public	Swale	Curb Extension	Planter	NW Native	Evergreen	Potential Hgt.	O.C. Spacing	Under Powerline
<i>Botanic name, Common Name</i>										
<i>Rosmarinus officinalis</i> 'Huntington Blue Carpet', Creeping Rosemary	B	X	X		N	N	12"	24"		
<i>Viburnum opulus</i> 'Nanum', Dwarf European Cranberry	B	X	X		N	N	24"	24"		
<b>Groundcovers</b>										
<i>Arctostaphylos uva-ursi</i> , Kinnickinnick	B	X	X		Y	Y	6"	12"		
<i>Fragaria chiloensis</i> , Coastal Strawberry	B	X	X		Y	Y	6"	12"		
<i>Fragaria vesca</i> , Woodland Strawberry	B	X	X		Y	Y	6"	12"		
<i>Fragaria virginiana</i> , Wild Strawberry	B	X	X		N	Y	10"	12"		
<i>Helictotrichon sempervirens</i> , Blue Oat Grass	B	X	X		N	Y	24"	12"		
<i>Mahonia repens</i> Creeping Oregon Grape	B	X	X		Y	Y	12"	12"		
<b>Street Trees</b>										
<i>Betula jacquemontii</i> , Jacquemontii Birch	A/B	X	X	X	N	N	60'		N	
<i>Carpinus caroliniana</i> , American Hornbeam	A/B	X	X	X	N	N	30'		Y	
<i>Celtis occidentalis</i> , Hackberry	A/B	X	X	X	N	N	50'		N	
<i>Fraxinus pennsylvanica</i> 'Johnson', Leprechaun Ash	A/B	X	X	X	N	N	30'		Y	
<i>Gleditsia triacanthos</i> 'Impcole', Imperial Honeylocust	A/B	X	X	X	N	N	30'		Y	
<i>Gleditsia triacanthos</i> 'Skycole', Skyline Honeylocust	A/B	X	X	X	N	N	70'		N	
<i>Koelreuteria paniculata</i> , Goldenrain Tree	A/B	X	X	X	N	N	30'		Y	
<i>Nyssa sylvatica</i> , Black Tupelo	A	X	X	X	N	N	50'		N	

Greenstreet Plant List

Plant Name	Facility Type	Characteristics							
		Swale	Curb Extension	Planter	NW Native	Evergreen	Potential Hgt.	O.C. Spacing	Under Powerline
<i>Botanic name, Common Name</i>	Public								
<i>Prunus virginiana 'Canada Red', Canada Red Chokecherry</i>	A/B	X	X	X	N	N	25'		Y
<i>Quercus shumardii, Shumard Oak</i>	A/B	X	X	X	N	N	70'		N
<i>Rhamnus purshiana, Cascara</i>	A/B	X	X	X	Y	N	30'		Y

Pond Plant List

Plant Name	Planting Zone			Characteristics			
	Wet to Saturated	Moist to Dry	Dry/Upland	NW Native	Evergreen	Potential Hgt.	O.C. Spacing
Botanic name, Common Name							

**Herbaceous Plants**

<i>Alisma plantago-aquatica</i> , Water Plantain	X			Y	N	24"	12"
<i>Alopecurus geniculatus</i> , Water Foxtail		X		Y	Y	18"	12"
<i>Aster suspicatus</i> , Douglas' Aster	X	X		Y	N	36"	12"
<i>Bidens cernua</i> , Nodding Beggerticks		X		Y	N	24"	12"
<i>Blechnum spicant</i> , Deer Fern	X	X		Y	N	24"	24"
<i>Bromus sitchensis</i> , Alaska Brome		X	X	Y	Y	18"	12"
<i>Camassia quamash</i> , Common Camas		X		Y	N	24"	12"
<i>Carex deweyanna</i> , Dewey Sedge	X	X		Y	Y	36"	12"
<i>Carex obnupta</i> , Slough Sedge	X			Y	Y	4'	12"
<i>Deschampsia cespitosa</i> , Tufted Hair Grass		X		Y	N	36"	12"
<i>Eleocharis ovata</i> , Ovate Spike Rush	X			Y	Y	30"	12"
<i>Eleocharis palustris</i> , Creeping Spike Rush	X			Y	Y	30"	12"
<i>Elymus glaucus</i> , Blue Wild Rye		X		Y	Y	24"	12"
<i>Glyceria occidentalis</i> , Western Manna Grass	X	X		Y	Y	18"	12"
<i>Lemna minor</i> , Common Lesser Duckweed	X						
<i>Juncus effusus var. pacificus</i> , Soft rush	X	X		Y	Y	36"	12"
<i>Juncus ensifolius</i> , Dagger- leaf Rush	X	X		Y	Y	24"	12"
<i>Juncus oxymeris</i> , Pointed Rush	X	X		Y	Y	24"	12"
<i>Juncus patens</i> , Spreading Rush	X	X		N	Y	36"	12"

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<i>Botanic name, Common Name</i>							
<i>Juncus tenuis</i> , Slender Rush	X	X		Y	Y	36"	12"
<i>Lupinus polyphyllus</i> , Large-leaved Lupine		X		Y	N	36"	12"
<i>Myosotis laxa</i> , Small-flowered Forget-Me-Not	X			Y	N	18"	12"
<i>Polystichum munitum</i> , Sword Fern	X	X		Y	Y	24"	24"
<i>Sagittaria latifolia</i> , Wapato	X			Y	N	24"	12"
<i>Potamogeton natans</i> , Floating-leafed Pondweed	X			Y	Y	18"	12"
<i>Scirpus acutus</i> , Hardstem Bulrush	X			N	N	10"	12"
<i>Scirpus microcarpus</i> , Small Fruited Bulrush		X		Y	Y	24"	12"
<i>Sisyrinchium idahoense</i> Blue-eyed Grass		X		N	Y	6"	12"
<i>Sparganium emersum</i> , Narrowleaf Bur-reed	X			Y	N	24"	12"
<i>Veronica liwanensis</i> , Speedwell	X	X		N	N	2"	12"
<i>Viola palustris</i> , Marsh Violet	X	X		Y	N	6"	6"

**Large Shrubs and Small Trees**

<i>Acer circinatum</i> , Vine Maple	X	X		Y	N	15'	10'
<i>Amelanchier alnifolia</i> , Western Serviceberry			X	Y	N	20'	10'
<i>Holodiscus discolor</i> , Oceanspray			X	Y	N	6'	4'
<i>Lonicera involucrata</i> , Black Twinberry			X	Y	N	5'	4'
<i>Oemleria cerasiformis</i> , Indian Plum		X	X	Y	N	6'	4'
<i>Philadelphu lewisii</i> , Wild Mock Orange			X	Y	N	6'	4'
<i>Ribes sanguineum</i> , Red-Flowering Current			X	Y	N	8'	4'

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<i>Rubus parviflorus</i> , Thimbleberry		X		Y	N	8'	4'
<i>Rubus spectabilis</i> , Salmonberry	X	X		Y	N	10'	4'
<i>Salix fluviatilis</i> , Columbia Willow	X	X		N	N	13'	6'
<i>Salix lucida var. 'Lasiandra'</i> , Pacific Willow	X	X		Y	N	13'	6'
<i>Salix stichensis</i> , Sitka Willow	X	X		Y	N	20'	6'
<i>Sambucus racemosa</i> , Red Elderberry		X		Y	N	10'	10'
<i>Spiraea douglasii</i> , Douglas Spiraea		X		Y	N	7'	4'
<i>Viburnum edule</i> , Highbush Cranberry		X		Y	N	6'	4'

**Shrubs**

<i>Cornus sericea</i> , Red-twig Dogwood	X	X		Y	N	6'	4'
<i>Fragaria vesca</i> , Woodland Strawberry		X	X	N	Y	10"	12"
<i>Fragaria virginiana</i> , Wild Strawberry		X	X	N	Y	10"	12"
<i>Mahonia aquifolium</i> , Oregon Grape		X	X	Y	Y	5'	3'
<i>Mahonia nervosa</i> , Dull Oregon Grape		X		Y	Y	24"	24"
<i>Physocarpus capitatus</i> , Pacific Ninebark	X			Y	N	6'	3'
<i>Rosa gymnocarpa</i> , Baldhip Rose	X			Y	N	3'	3'
<i>Rosa nutkana</i> , Nootka Rose		X		Y	N	8'	3'
<i>Rosa pisocarpa</i> , Swamp Rose	X			Y	N	8'	3'
<i>Spiraea betulifolia</i> , Birchleaf Spiraea		X		Y	N	24"	24"



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<i>Botanic name, Common Name</i>							
<i>Symphoricarpus alba, Snowberry</i>		X		Y	N	3'	3'

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<i>Botanic name, Common Name</i>							

**Trees**

<i>Abies grandis</i> , Grand Fir		X		Y	Y	150'	
<i>Acer macrophyllum</i> , Big Leaf Maple		X		Y	Y	60'	
<i>Alnus rubra</i> , Red Alder	X	X		Y	N	80'	
<i>Arbutus menziesii</i> , Madrone			X	Y	N	35'	
<i>Cornus nuttali</i> , Western flowering Dogwood		X	X	Y	N	20'	
<i>Crataegus douglasii</i> , Black Hawthorn	X			Y	N	40'	
<i>Fraxinus latifolia</i> , Oregon Ash	X	X		Y	N	30'	
<i>Malus fusca</i> , Pacific Crabapple	X	X		Y	N	30'	
<i>Pinus ponderosa</i> , Ponderosa Pine			X	Y	Y	70'	
<i>Pinus monticola</i> , Western White Pine		X	X	Y	Y	90'	
<i>Prunus emarginata</i> var. <i>mollis</i> , Bitter Cherry	X			Y	N	50'	
<i>Pseudotsuga menziesii</i> , Douglas Fir		X		Y	Y	200'	
<i>Quercus garryana</i> , Oregon White Oak		X		Y	N	100'	
<i>Rhamnus purshiana</i> , Cascara	X			Y	N	30'	
<i>Salix hookeriana</i> , Hooker's Willow	X	X		Y	N	15'	
<i>Salix scouleriana</i> , Scouler's Willow	X	X		Y	N	15'	
<i>Thuja plicata</i> , Western Red Cedar	X	X		Y	Y	150'	