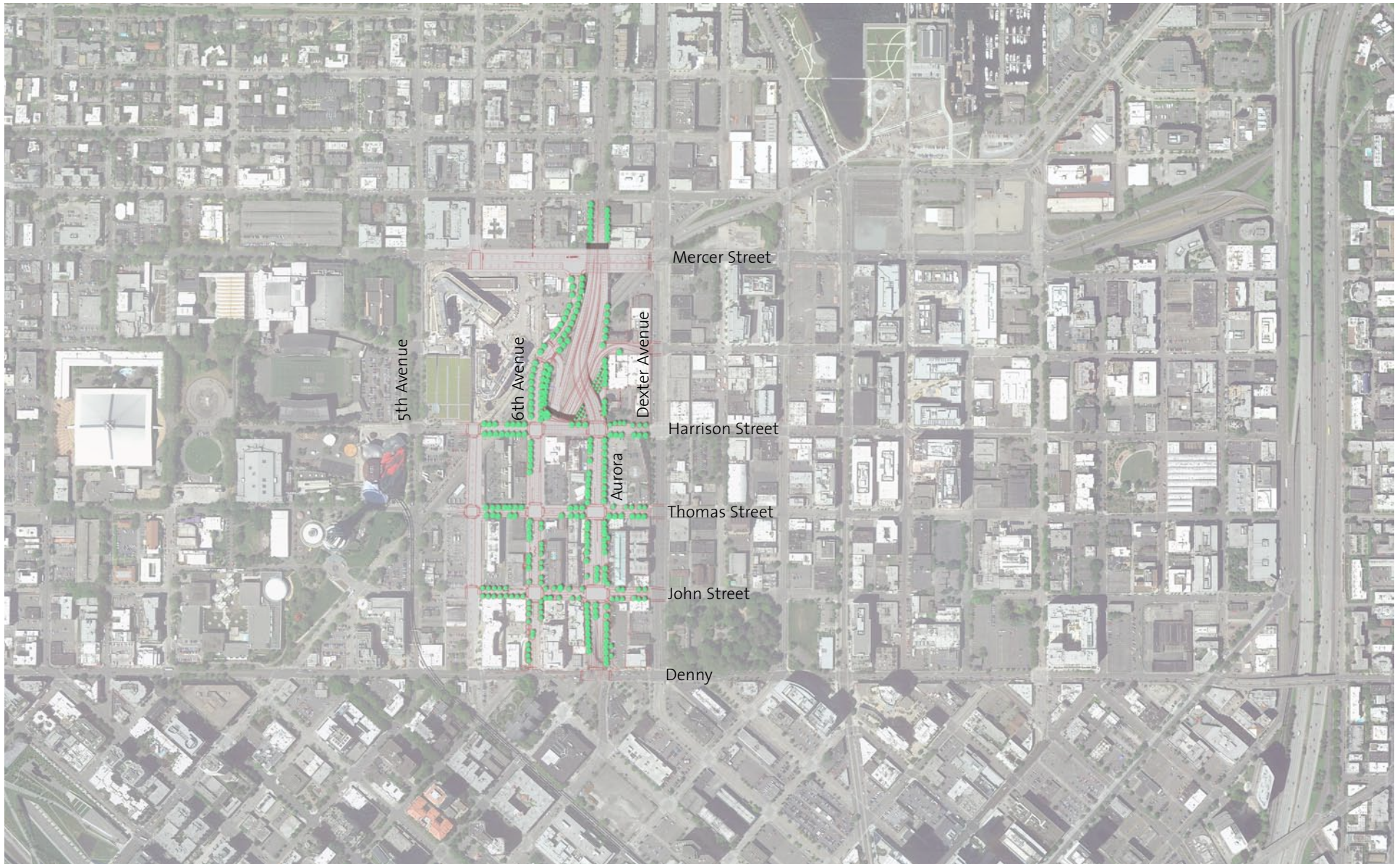


## NORTH PORTAL CONTEXT



## COORDINATION



Mercer West



Gates Foundation



South Lake Union Mobility



Lake to Bay Loop

## NORTH PORTAL AREA - SUSTAINABILITY

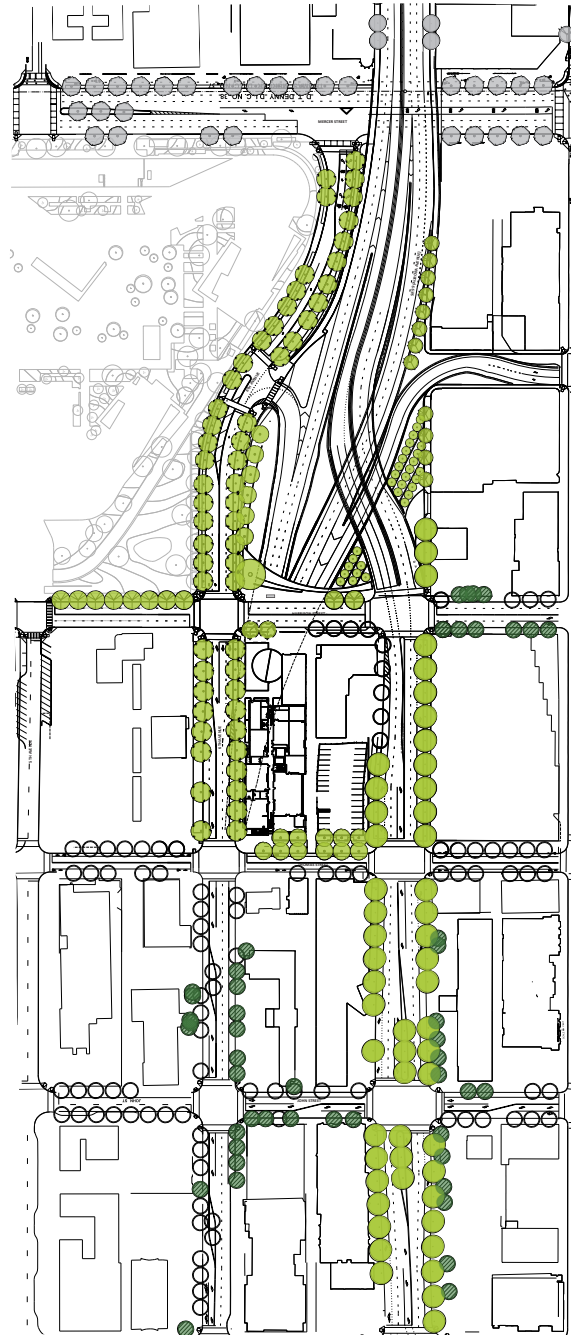
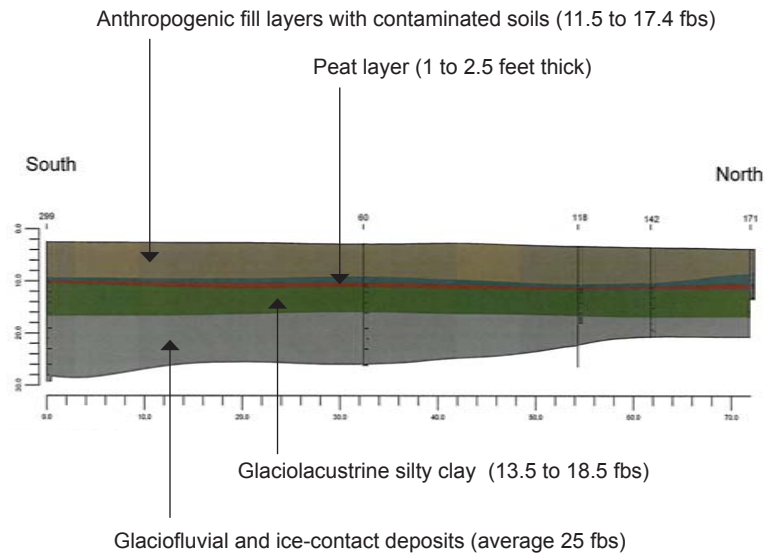
### STORMWATER STRATEGY

- Basin-wide approach
- Collaboration with SDOT, SPU, and other area stakeholders

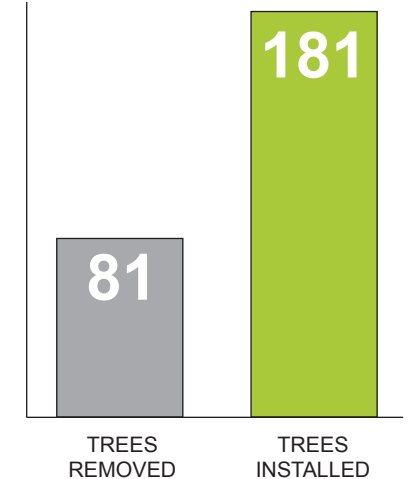
### CONSTRAINTS

- Localized soil contamination from past land use (drycleaners, autobody repair)
- Portions of landscape over structure
- Impervious soil layers (glacial silty clay)
- SPU maintaining GSI in right-of-way; desire is to install facilities that provide infiltration over those that provide detention only.

### SOIL STRATIGRAPHY FOR NORTH PORTAL AREA



### INCREASING TREE CANOPY



- TREES BY NORTH AWV PROJECTS
- EXISTING TREES
- TREES BY MERCER WEST PROJECT
- POTENTIAL TREES BY OTHERS

## NORTH PORTAL AREA STREET TREE SELECTION

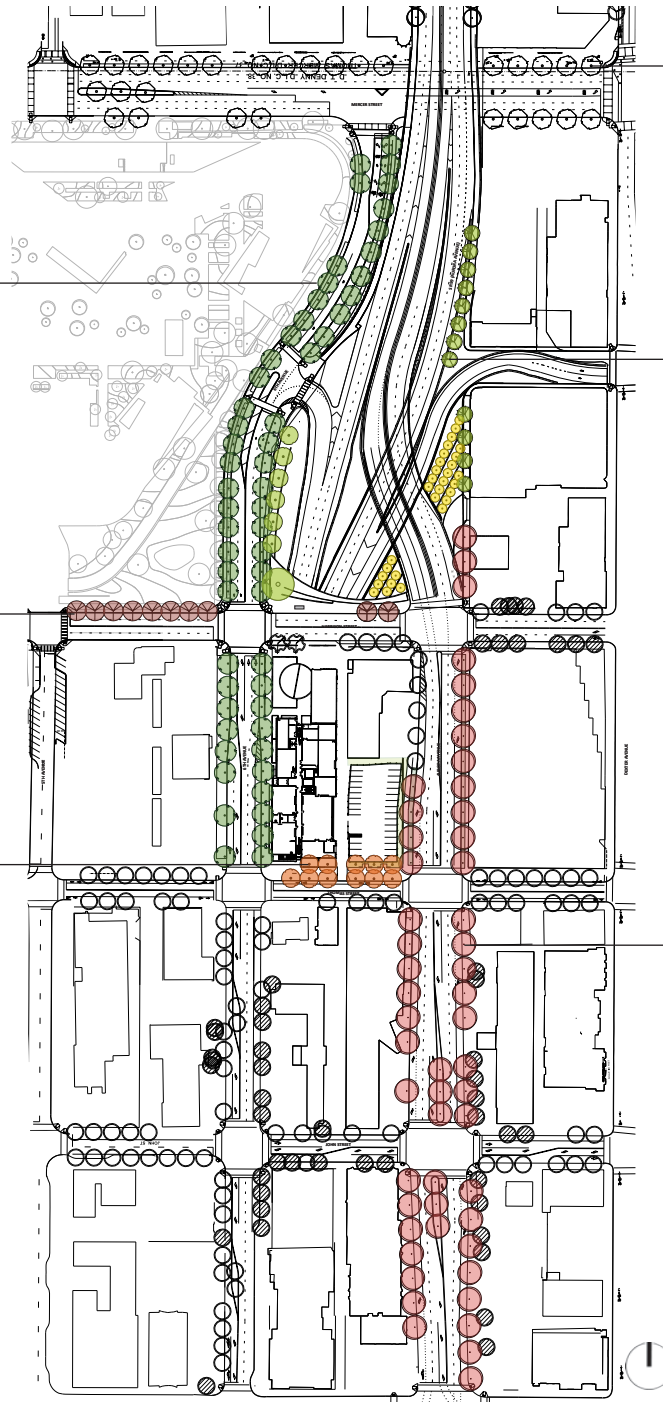


**6th AVENUE**  
Allée Elm  
(*Ulmus parvifolia* 'Emer II')



**HARRISON STREET**  
Cimmaron Ash  
(*Fraxinus pennsylvanica* 'Cim�zam')

**THOMAS STREET**  
Autumn Flame Maple  
(*Acer rubrum* 'Autumn Flame')



**MERCER WEST**  
London Plane  
(*Platanus acerifolia*)



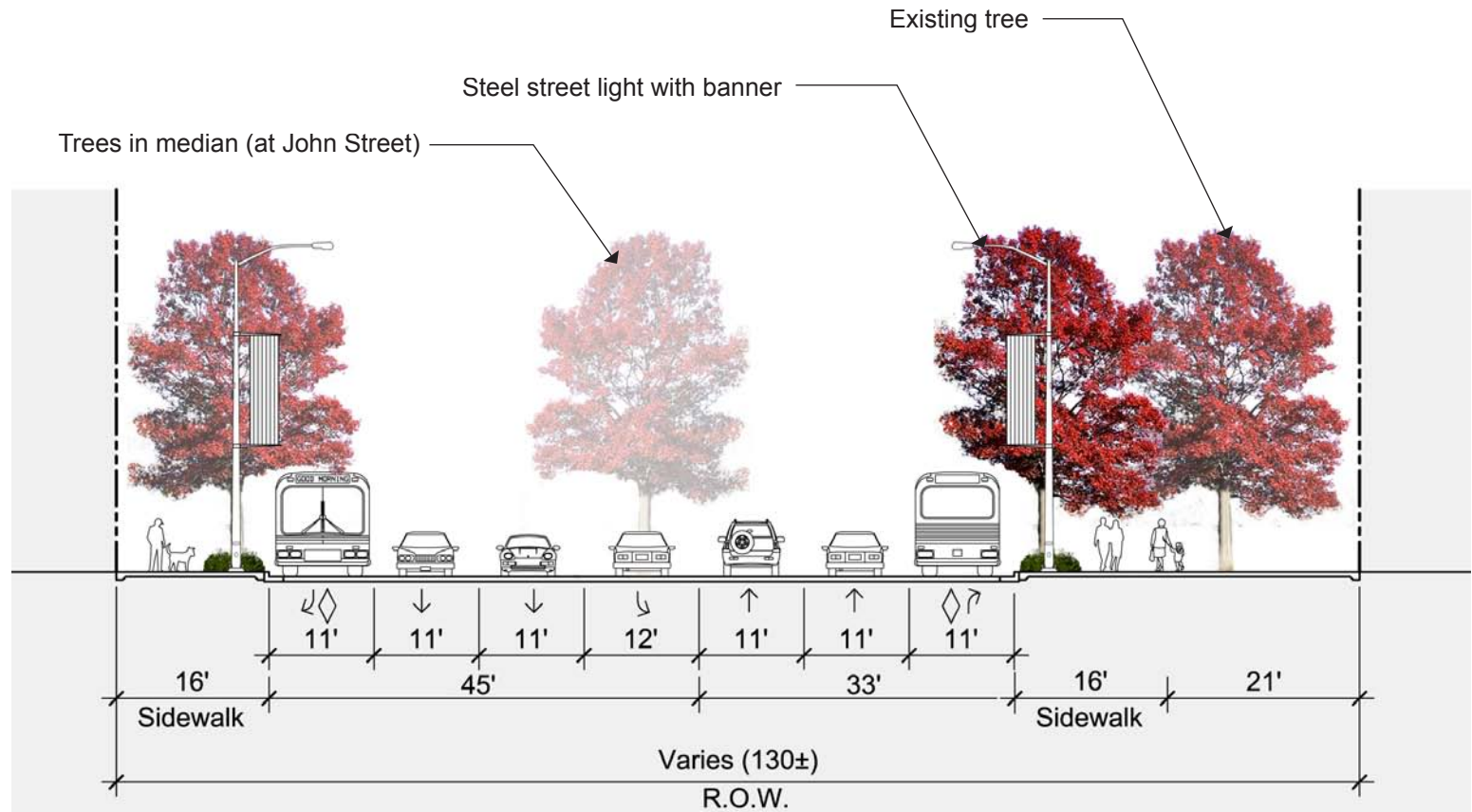
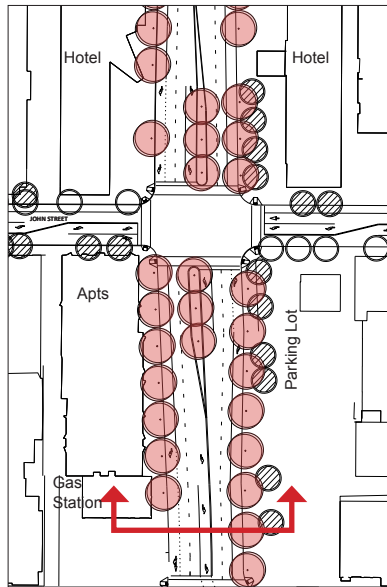
**CITY EDGE**  
Greencolumn Maple  
(*Acer nigrum* 'Greencolumn')



**AURORA AVENUE**  
Scarlet Oak  
(*Quercus coccinea*)



## AURORA AVENUE - LOOKING NORTH FROM DENNY WAY



### LARGE CANOPY TREES TO MATCH EXISTING SCARLET OAKS



Tree in summer

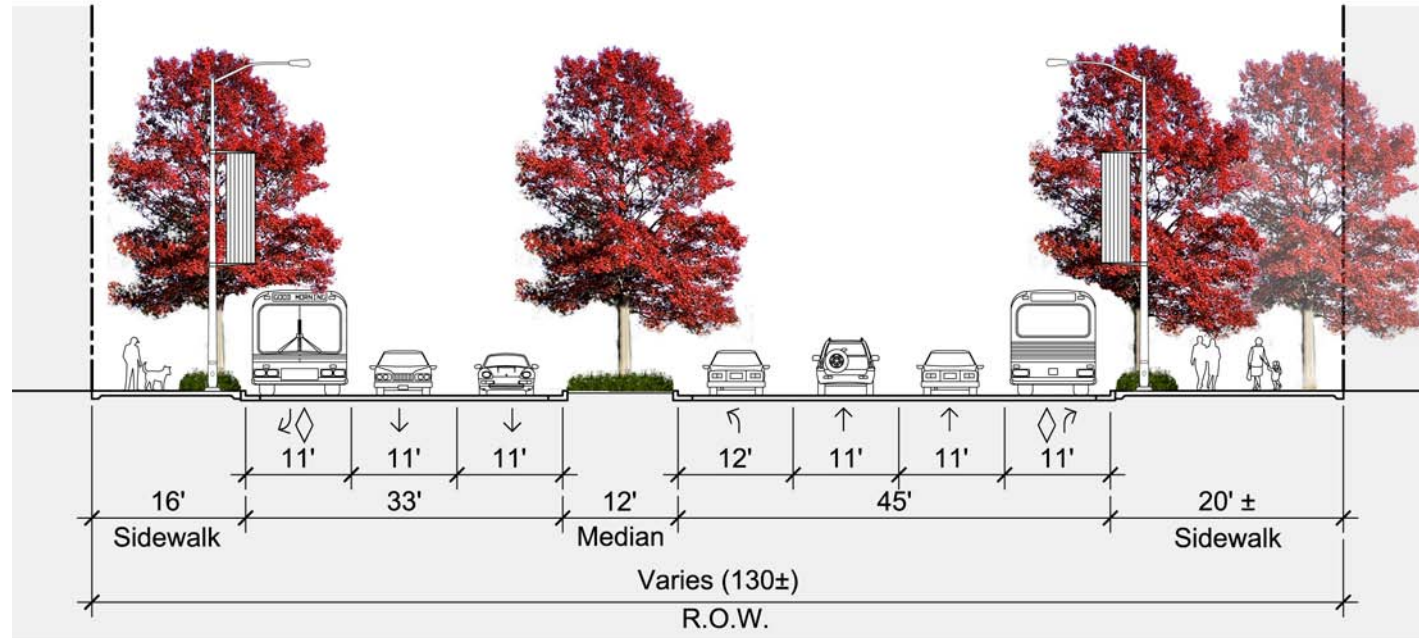
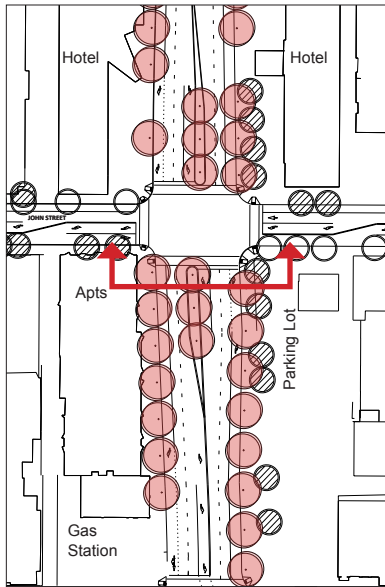


Autumn leaves



Winter form

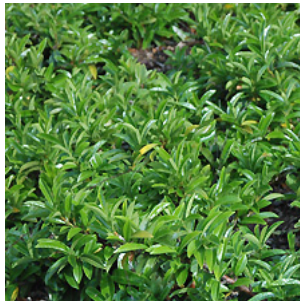
## AURORA AVENUE - SOUTH OF JOHN STREET



### EVERGREEN SHRUBS AND DECIDUOUS SHRUBS WITH TEXTURAL AND SEASONAL INTEREST



Dwarf Japanese Holly



Mt. Vernon Laurel



Dwarf Privet Honeysuckle



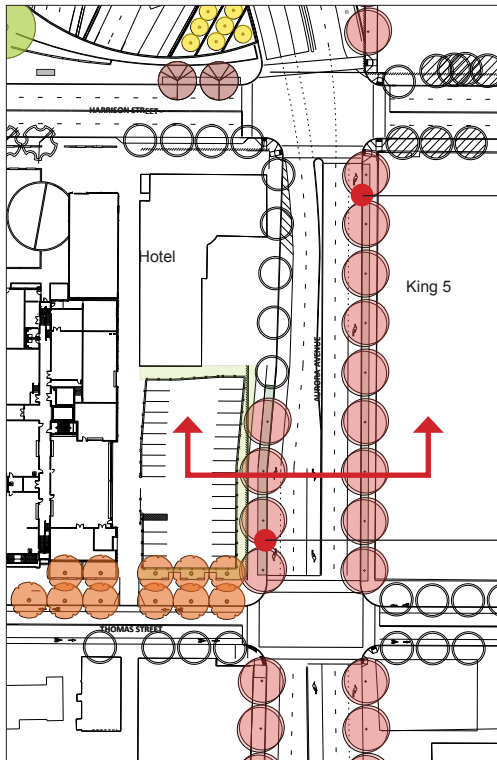
Dwarf Pavement Rose



Barren Strawberry

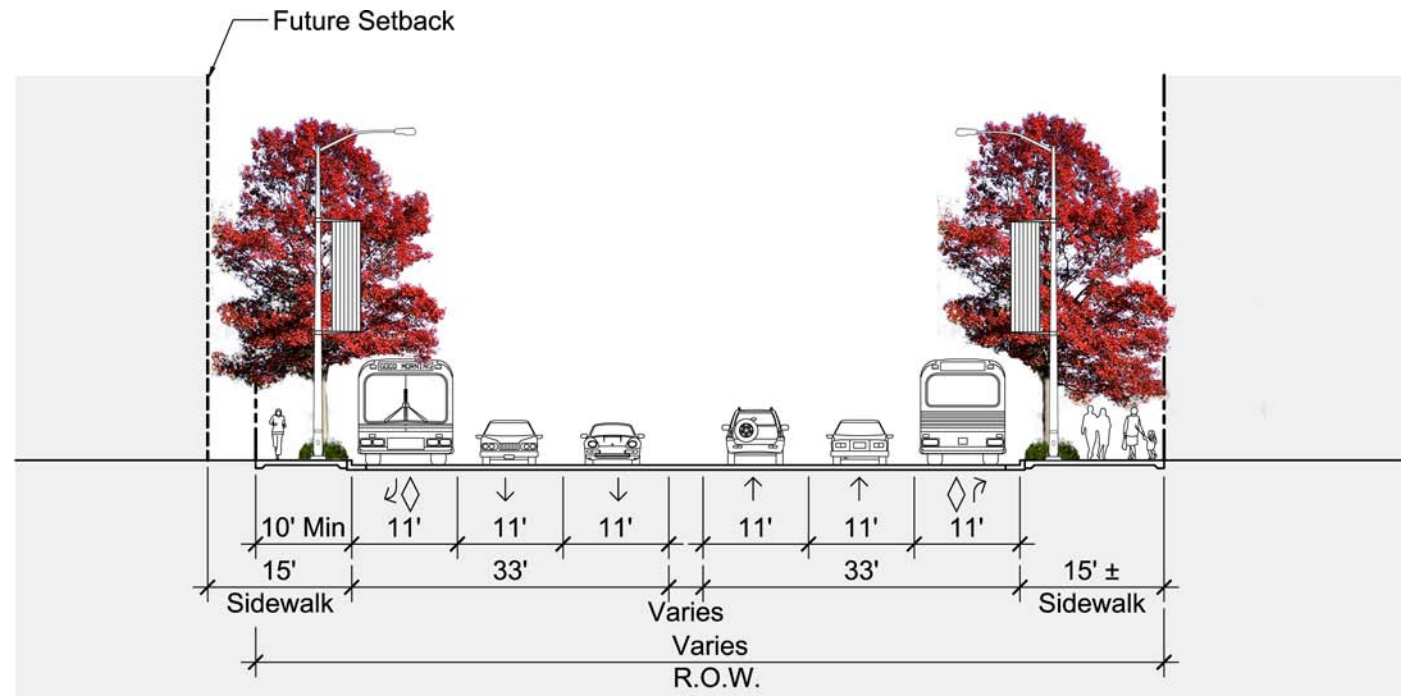
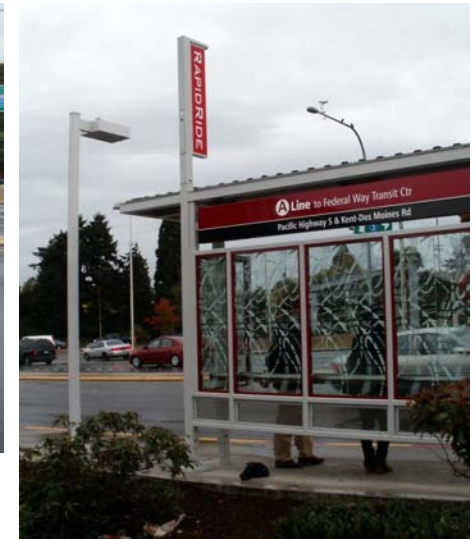
## AURORA AVENUE - SOUTH OF HARRISON STREET

### RAPID RIDE BUS LINE



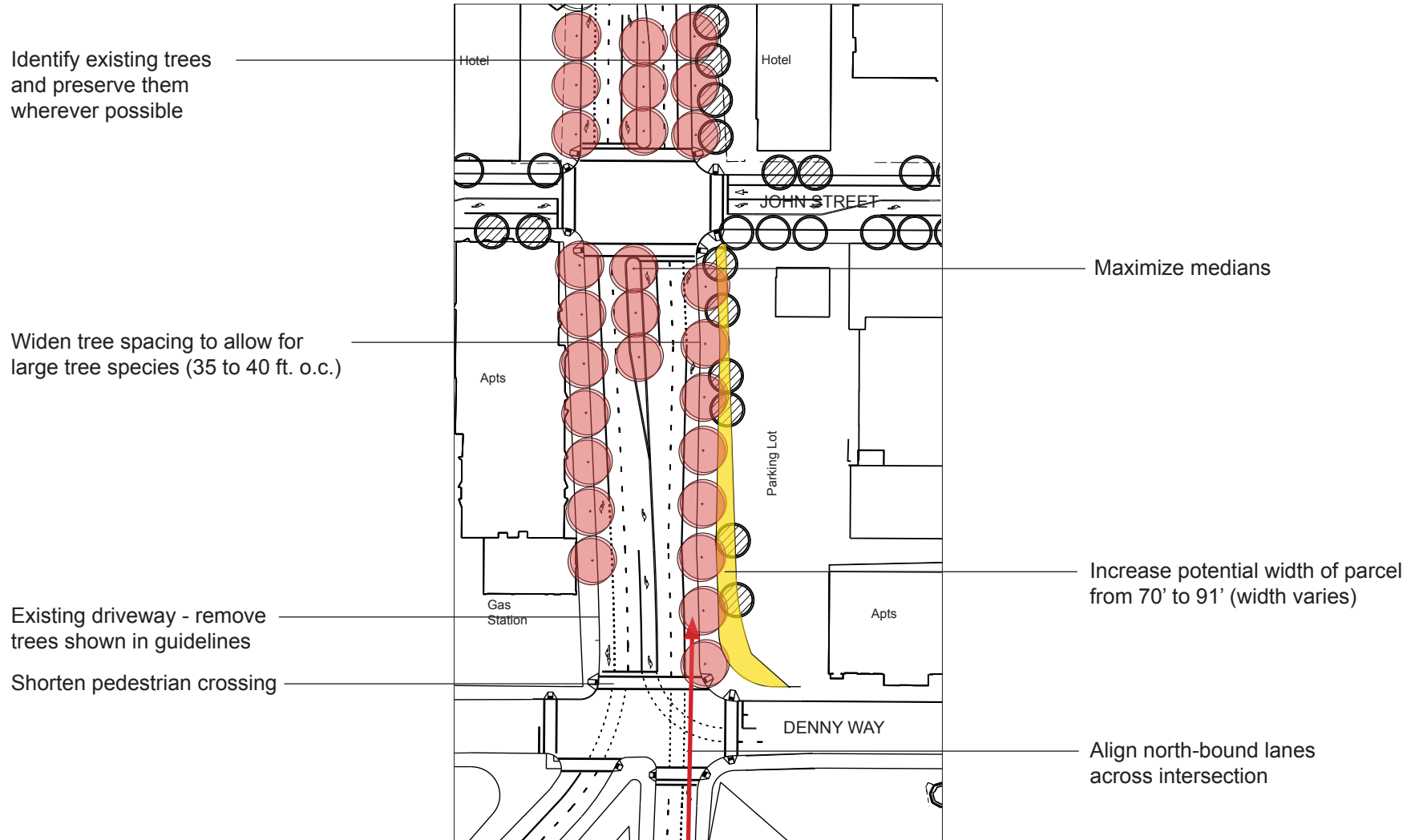
Northbound  
Rapid Ride stop

Southbound  
Rapid Ride stop



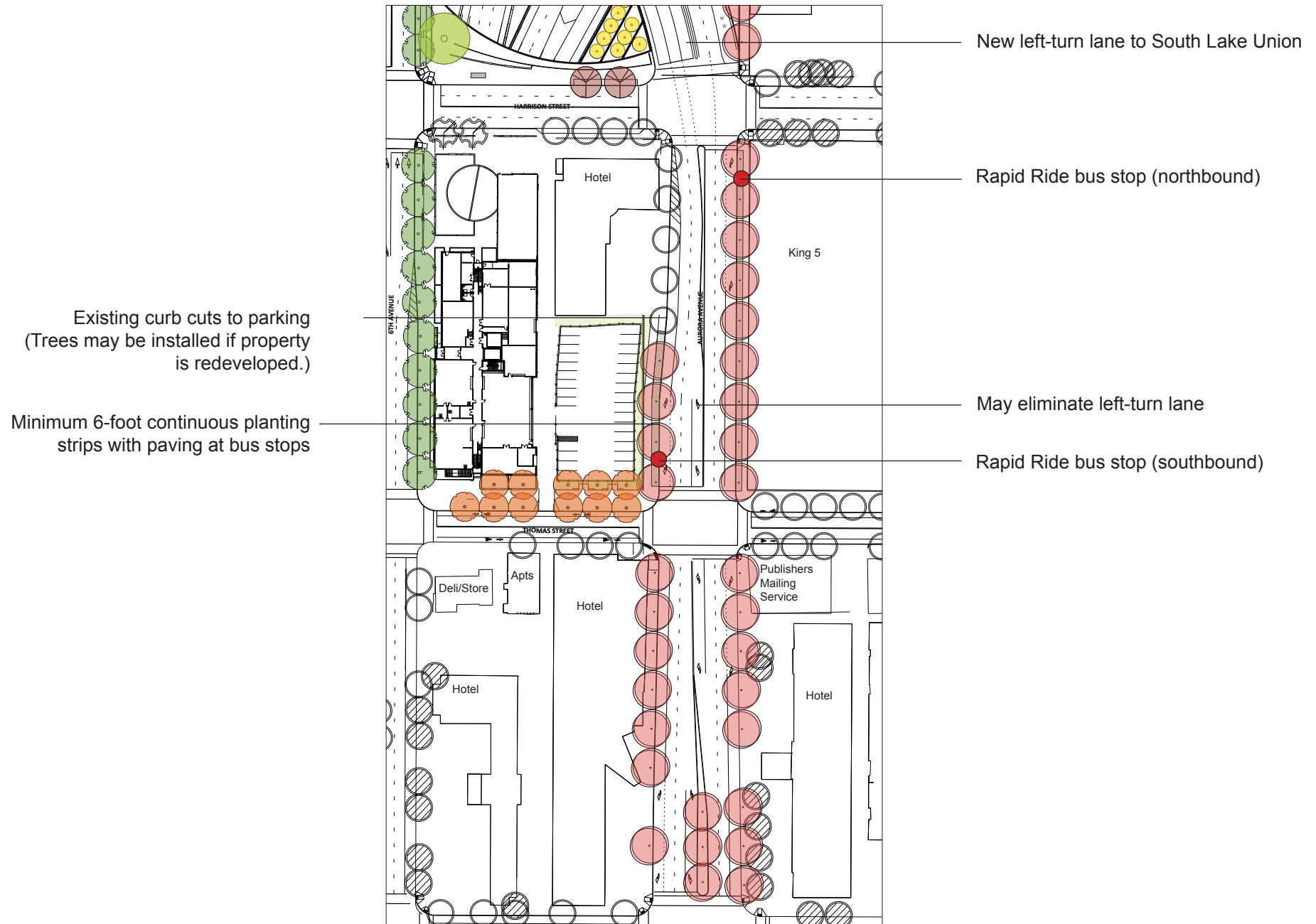
## AURORA AVENUE - DENNY WAY TO JOHN STREET

### UPDATES TO STREET LAYOUT



AURORA AVENUE - JOHN STREET TO HARRISON STREET

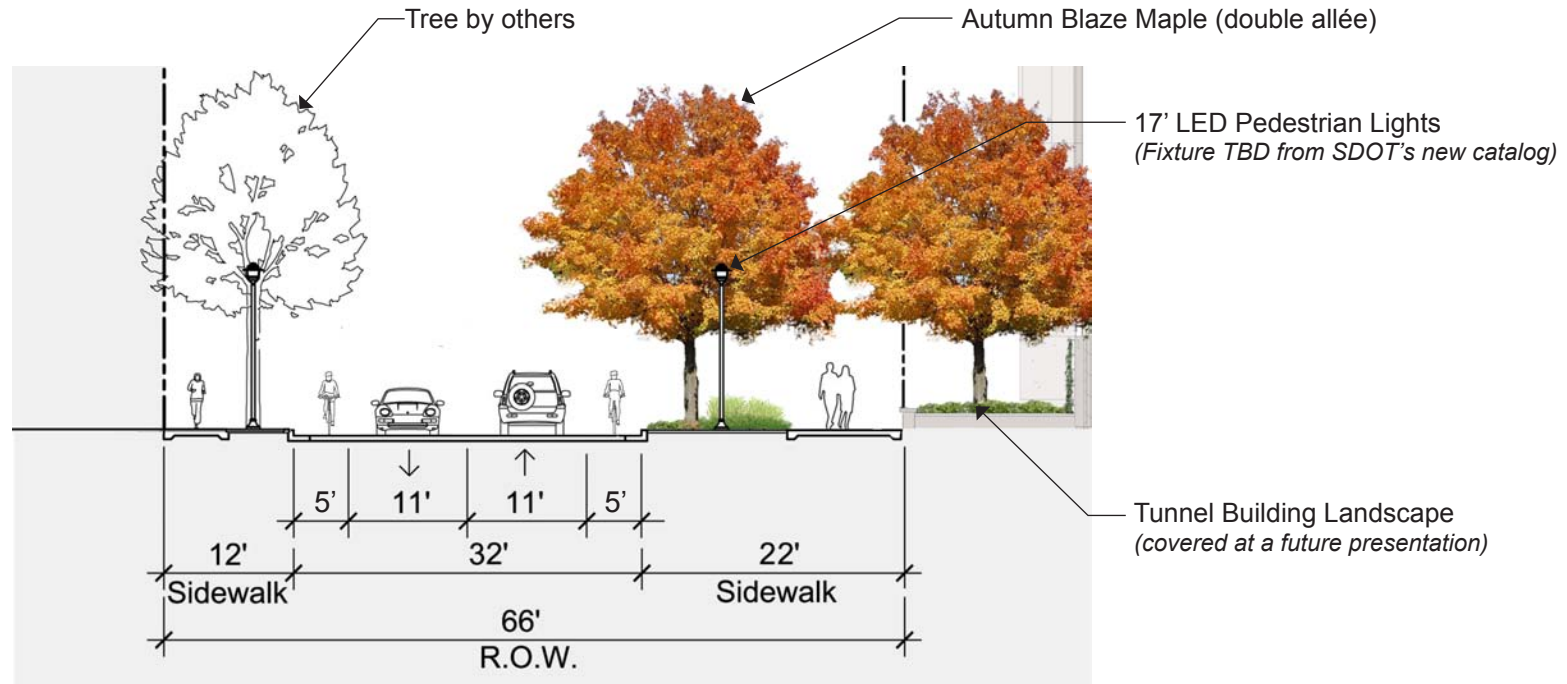
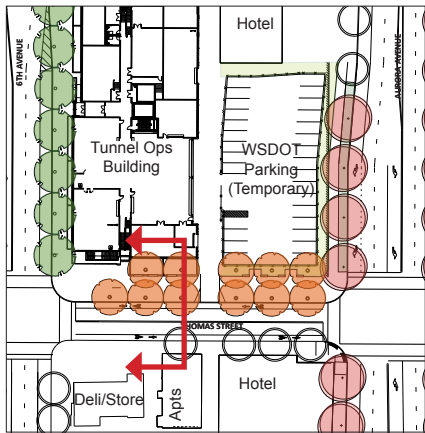
UPDATES TO STREET LAYOUT



## THOMAS STREET GREEN STREET

### UPDATES TO STREET LAYOUT

- Removed center left-turn lane
- Added two 5' bike lanes
- Widened north sidewalk from 18' to 22'
- Created double allée of Maple trees utilizing 10 feet of building property



### THOMAS STREET LANDSCAPE CHARACTER



Ice Dance Carex



Salal



Kelsey Dogwood

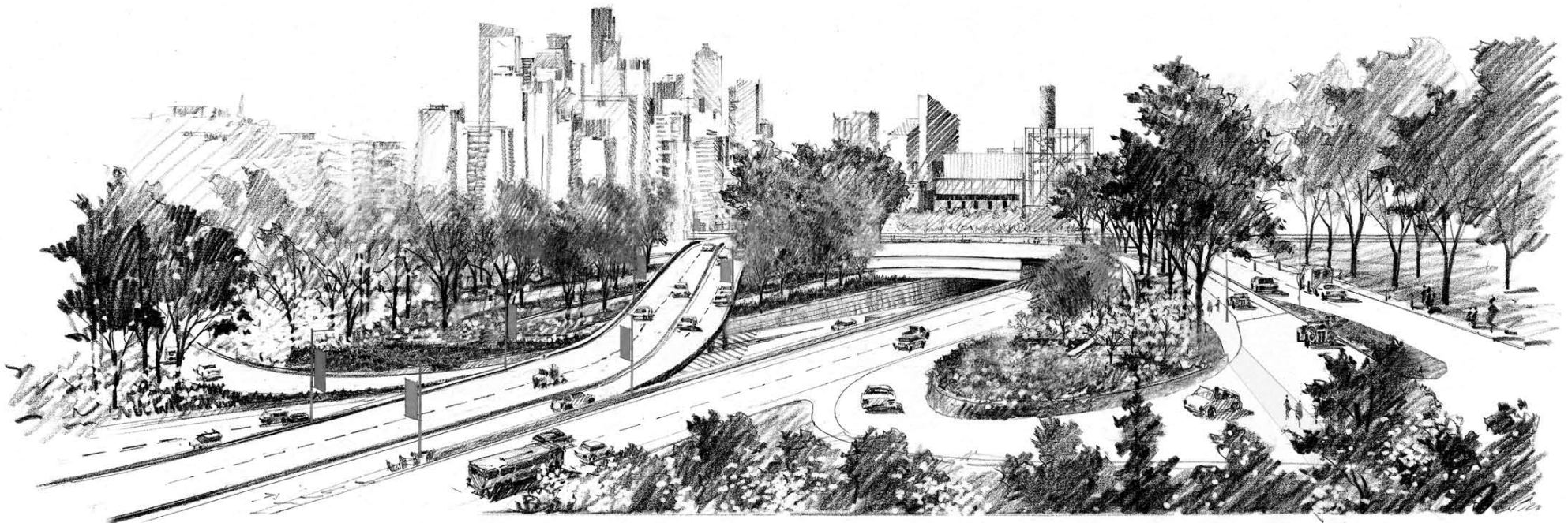
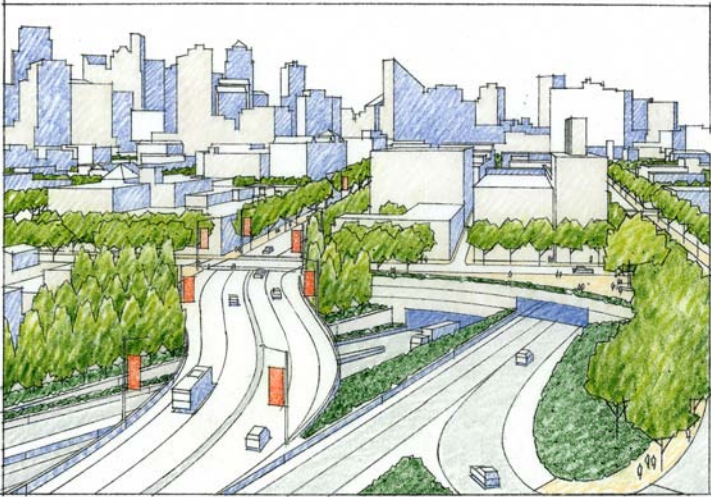


Dwarf Oakleaf Hydrangea



Beach Strawberry

## NORTH PORTAL DESIGN GUIDELINES



**NORTH PORTAL: ENTRY TO CITY**



## NORTH PORTAL LANDSCAPE ZONES

### URBAN EDGE

Low, evergreen shrubs  
Formal layout  
Textural contrast

### CAMPUS EDGE

Evergreen and deciduous shrubs  
Seasonal interest  
Curving layout  
Blend with Gates Campus edge

### STREAM RAVINE

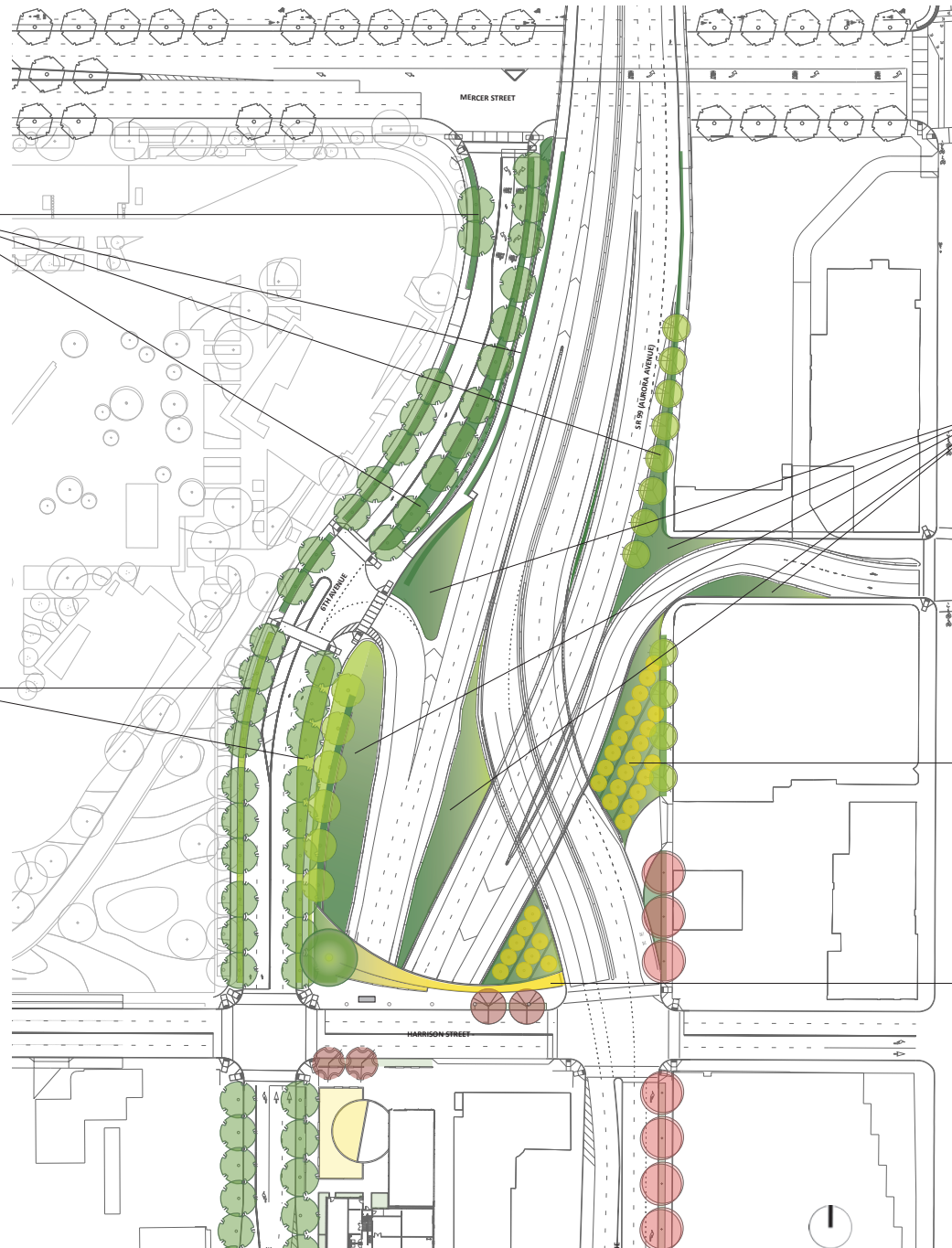
Sculpted ground plane  
Evergreen ferns and shrubs

### STREAM TERRACES

Architectural version of ravine  
Low, evergreen shrubs  
"Veil" of trees

### MEADOW

Urban meadow  
Layout follows arc of headwall  
Blend with Building Plaza and  
Gates Campus meadow



## NORTH PORTAL PLAZA - URBAN MEADOW

### URBAN MEADOW LANDSCAPE CHARACTER



Garry Oak



Little Bunny Fountain Grass



Ice Dance Carex



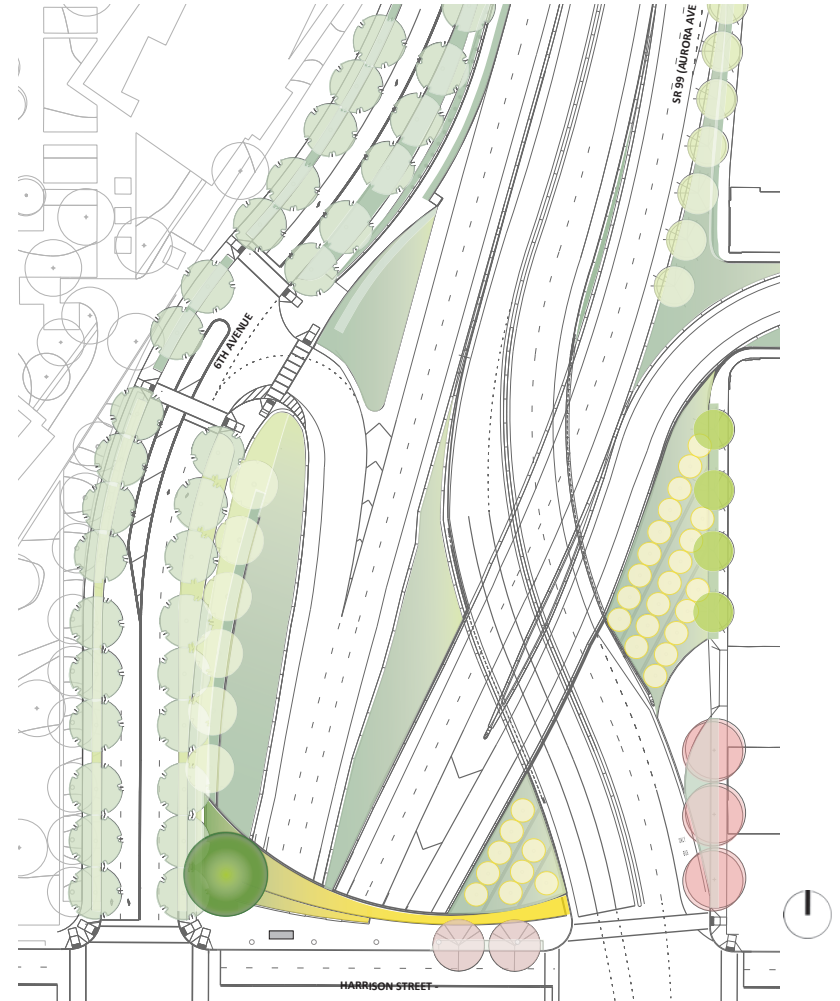
Avalanche Feather Reed Grass



Pacific Coast Iris

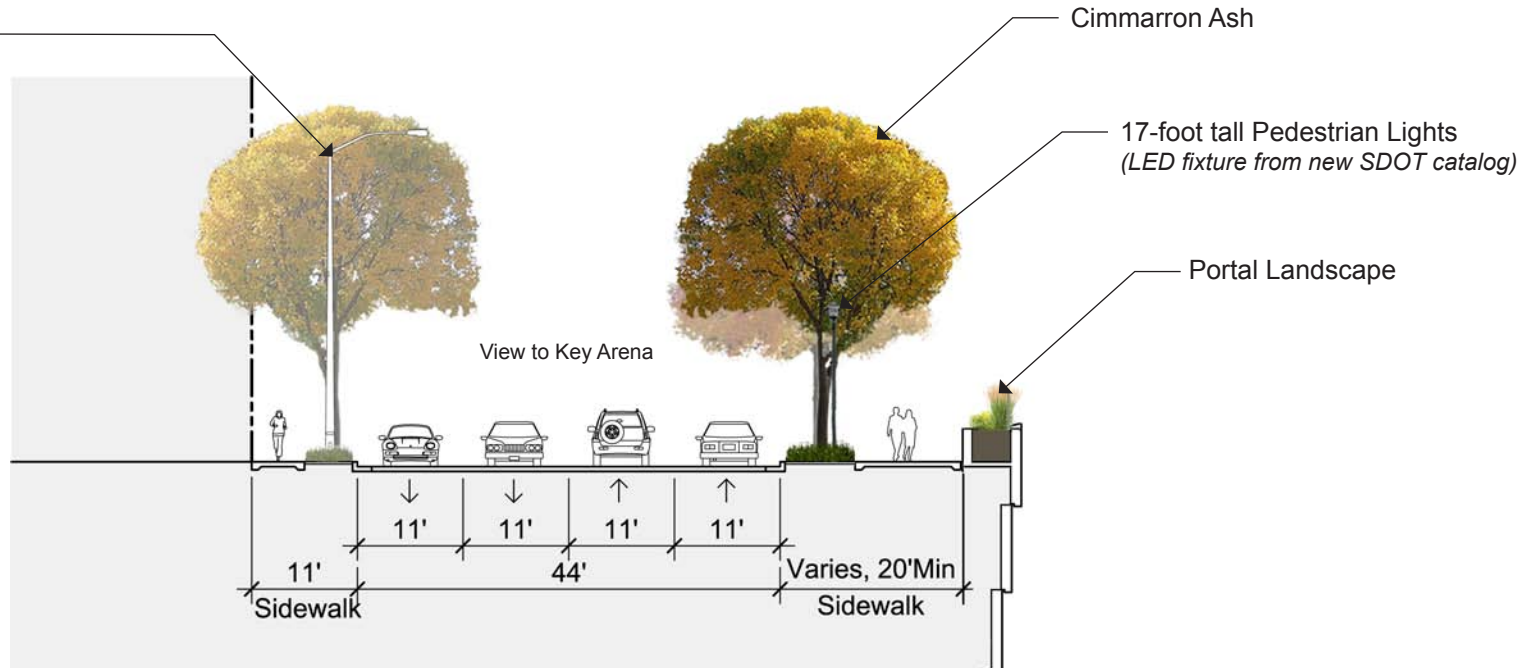
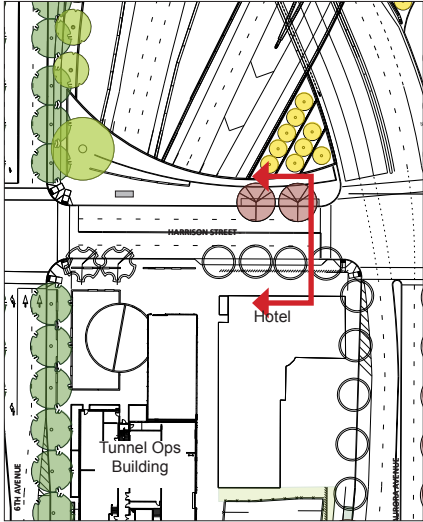


Autumn Moor Grass



## HARRISON STREET ABOVE NORTH PORTAL - EAST END

Steel street light (unpainted)  
to match existing light poles



### URBAN EDGE: LOW EVERGREEN SHRUBS WITH TEXTURAL INTEREST



Dwarf Japanese Holly



Dwarf Privet Honeysuckle



Barren Strawberry

### PORTAL EDGE: ORNAMENTAL GRASSES ALONG WALL EDGE

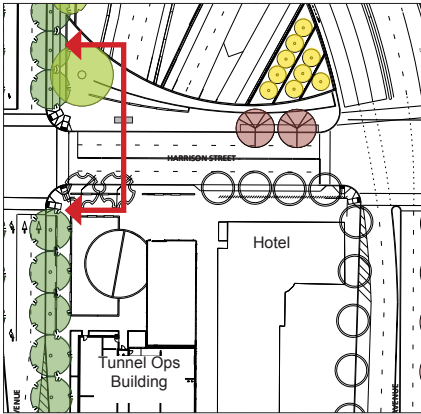


Avalanche Feather Reed Grass



Autumn Moor Grass

## HARRISON STREET ABOVE NORTH PORTAL - WEST END



### URBAN MEADOW LANDSCAPE CHARACTER



Dwarf Fountain Grass



Pacific Coast Iris



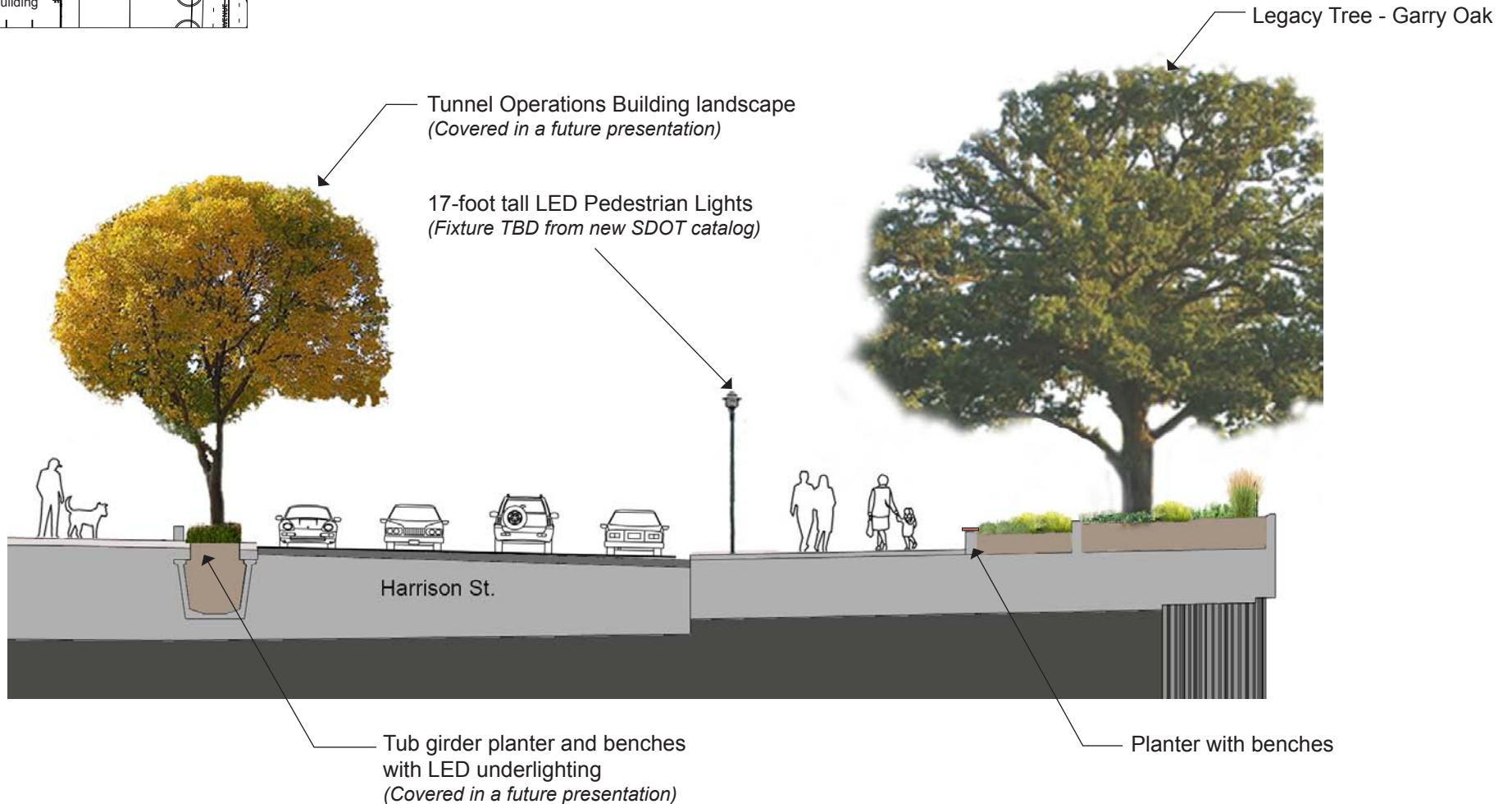
Ice Dance Carex



Autumn Moor Grass



Avalanche Feather Reed Grass



## NORTH PORTAL AREA - URBAN EDGES

### LOW EVERGREEN SHRUBS WITH TEXTURAL INTEREST



Dwarf Japanese Holly



Mt. Vernon Laurel



Dwarf Privet Honeysuckle

### STREET TREES WITH GOOD FALL COLOR

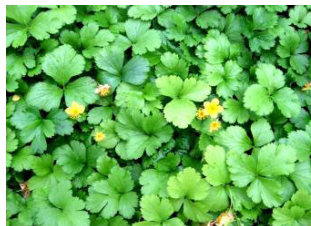


Greencolumn Maple



Allee Elm

### GROUNDCOVER



Barren Strawberry



## NORTH PORTAL AREA - CAMPUS EDGES

### EVERGREEN SHRUBS AND DECIDUOUS SHRUBS WITH SEASONAL INTEREST



Big Blue Liriope



Dwarf Japanese Holly



Dwarf Pavement Rose

### GROUNDCOVERS WITH SEASONAL INTEREST



Beach Strawberry



Evergreen Barrenwort



Hardy Geranium

### TREES WITH SEASONAL INTEREST



Allee Elm



Halka Littleleaf Linden



## NORTH PORTAL - STREAM RAVINE

### EVERGREEN FERNS AND SHRUBS WITH TEXTURAL CONTRAST



Male Fern



Western Sword Fern



Low Oregon Grape



Oregon Grape 'Charity'



Holly Fern



## NORTH PORTAL - STREAM TERRACES

### EVERGREEN FERNS AND SHRUBS WITH TEXTURAL CONTRAST



Male Fern



Western Sword Fern



Dwarf Privet Honeysuckle



Princeton Sentry Ginkgo

