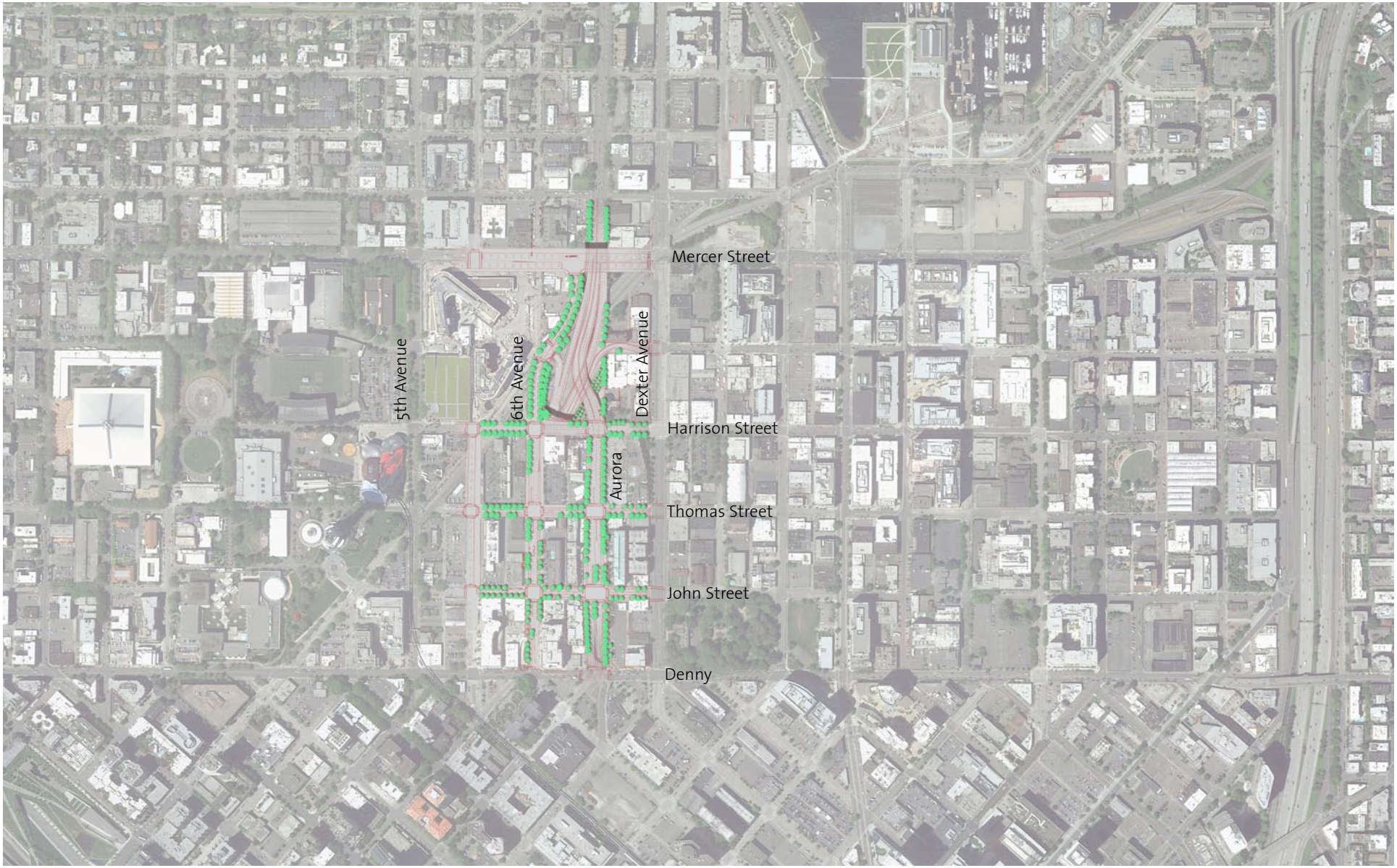
NORTH PORTAL CONTEXT



COORDINATION

Mercer West

Gates Foundation

South Lake Union Mobility

Lake to Bay Loop

NORTH PORTAL AREA - SUSTAINABILITY

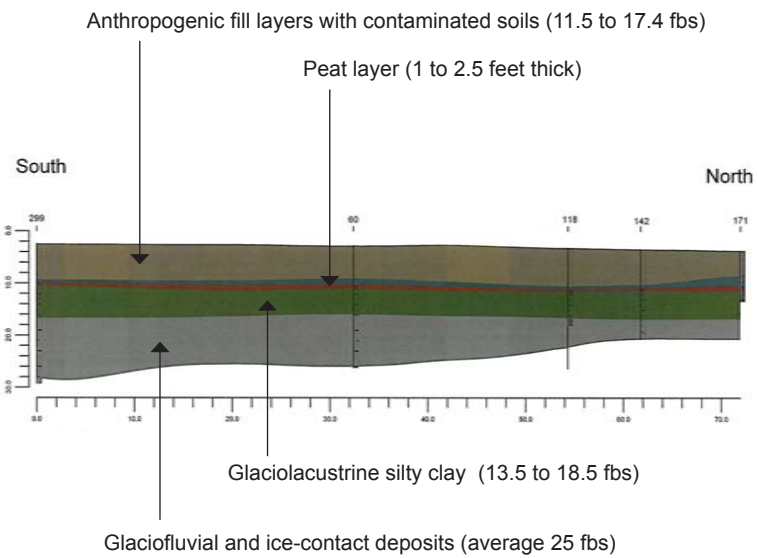
STORMWATER STRATEGY

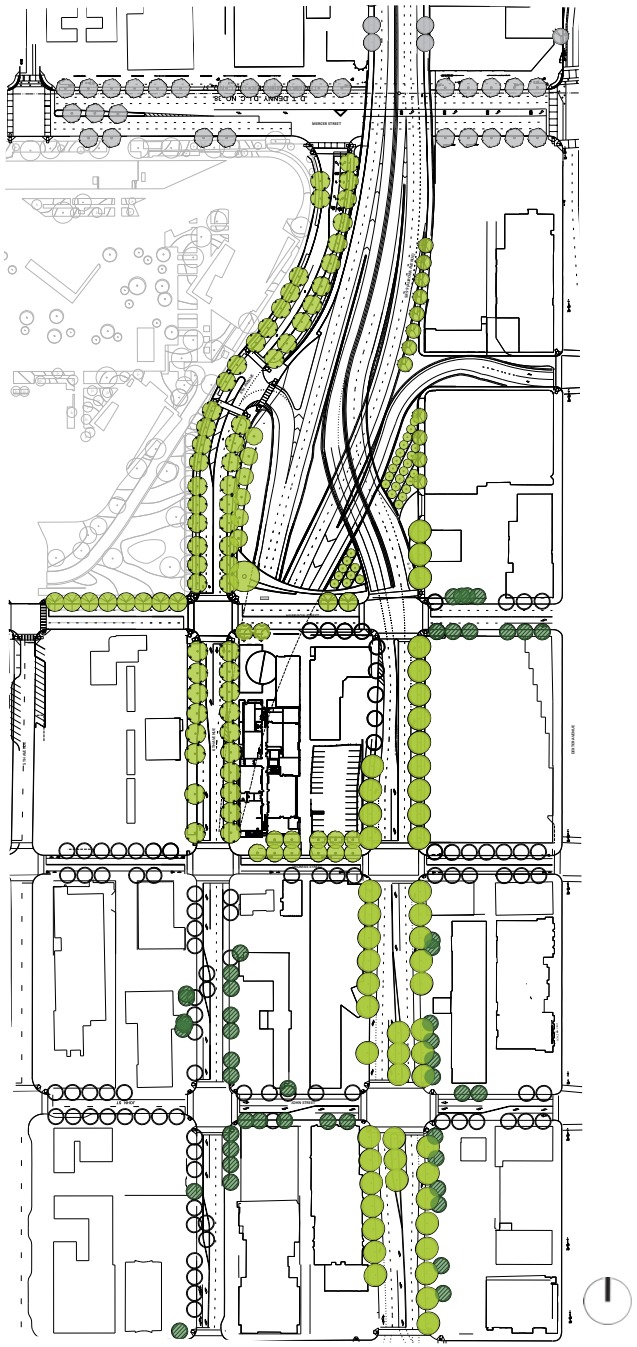
- Basin-wide approach
- Collaboration with SDOT, SPU, and other area stakeholders

CONSTRAINTS

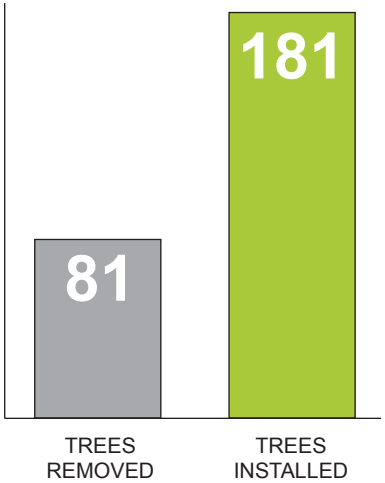
- Localized soil contamination from past land use (drycleaners, autobody repair)
- Portions of landscape over structure
- Impervious soil layers (glacial silty clay)
- SPU maintaining GSI in right-of-way; desire is to install facilities that provide infiltration over those that provide detention only.

SOIL STRATIGRAPHY FOR NORTH PORTAL AREA





INCREASING TREE CANOPY



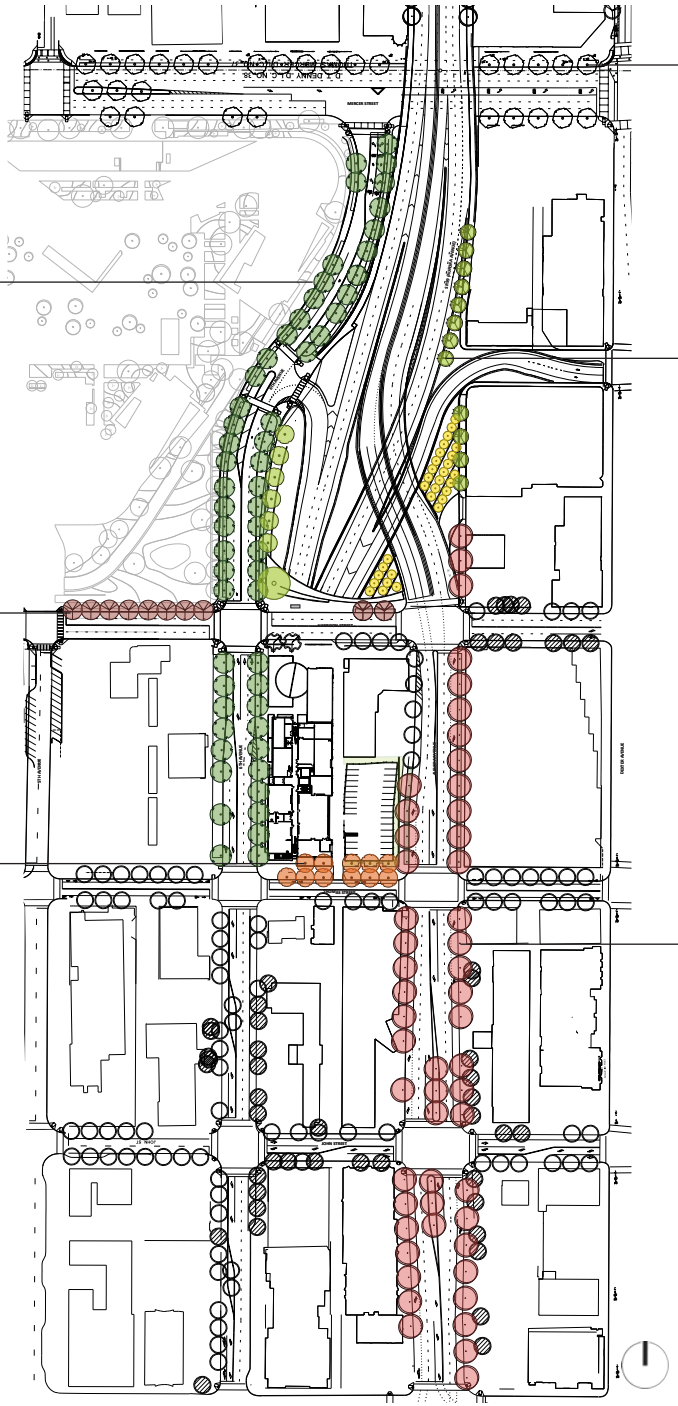
- TREES BY NORTH AWV PROJECTS
- EXISTING TREES
- TREES BY MERCER WEST PROJECT
- POTENTIAL TREES BY OTHERS

NORTH PORTAL AREA STREET TREE SELECTION

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

HARRISON STREET
Cimmarron Ash
(Fraxinus pennsylvanica 'Cimmzam')

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

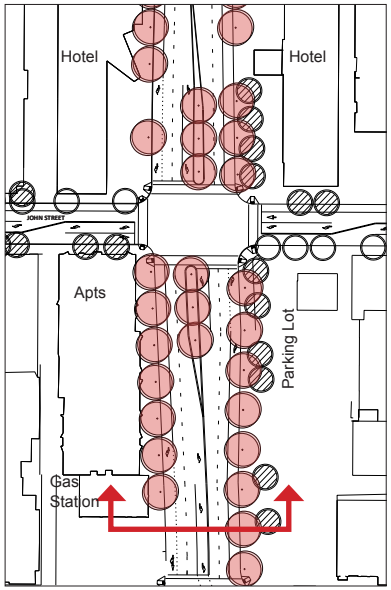


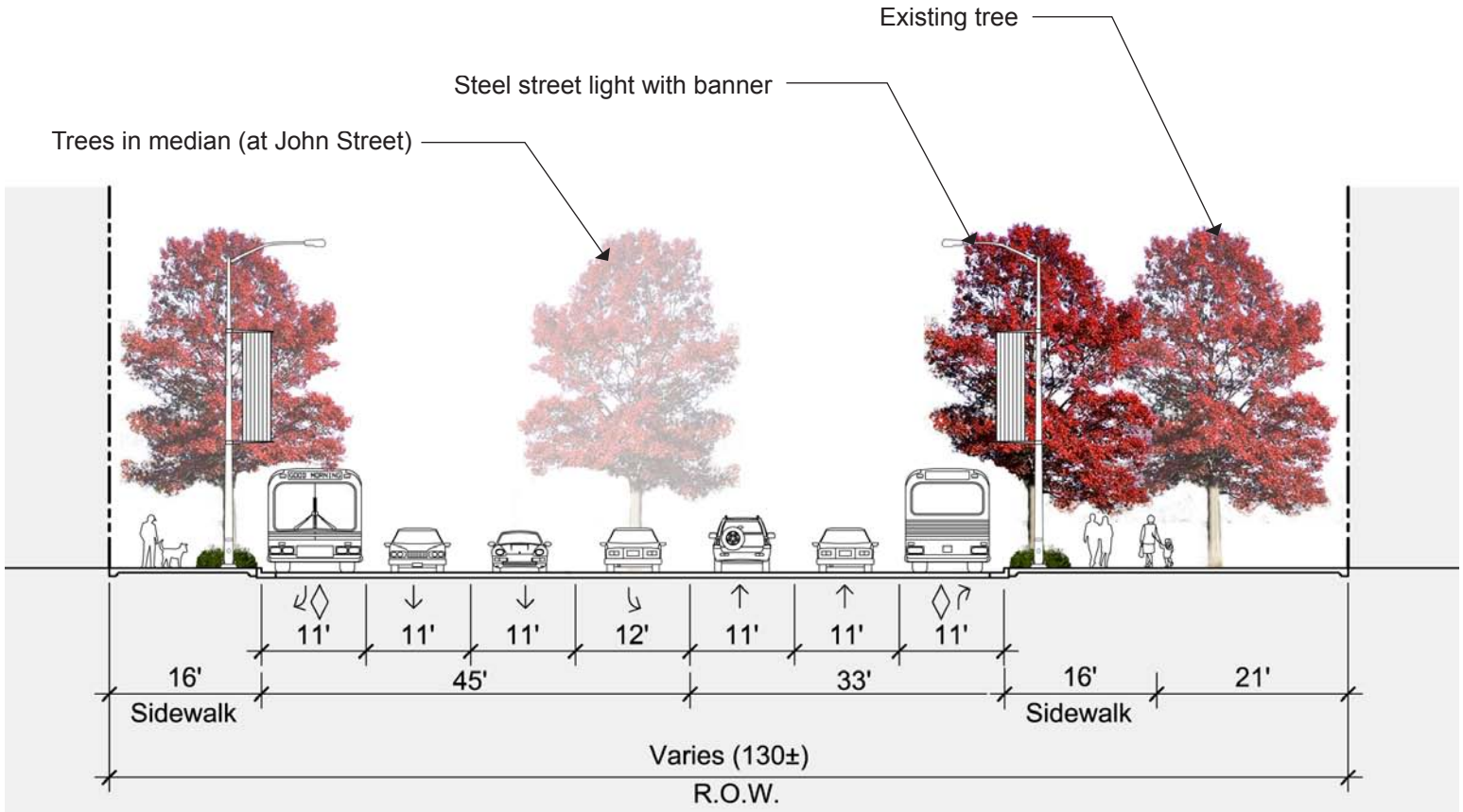
MERCER WEST
London Plane
(Platanus acerifolia)

CITY EDGE
Greencolumn Maple
(Acer nigrum 'Greencolumn')

AURORA AVENUE
Scarlet Oak
(Quercus coccinea)

AURORA AVENUE - LOOKING NORTH FROM DENNY WAY





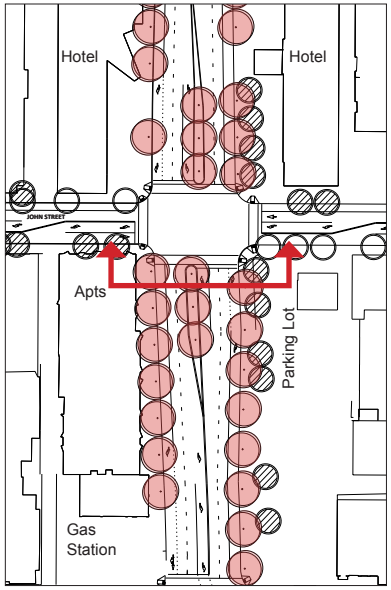
LARGE CANOPY TREES TO MATCH EXISTING SCARLET OAKS

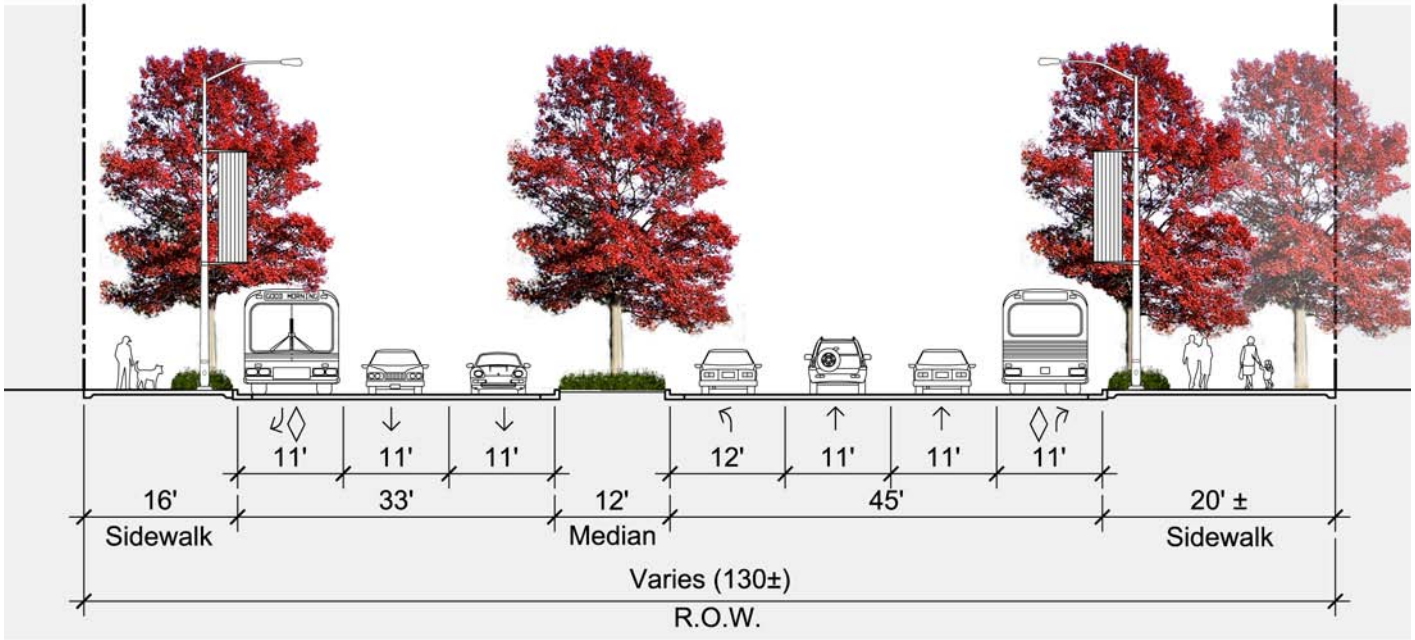
Tree in summer

Autumn leaves

Winter form

AURORA AVENUE - SOUTH OF JOHN STREET





EVERGREEN SHRUBS AND DECIDUOUS SHRUBS WITH TEXTURAL AND SEASONAL INTEREST

Dwarf Japanese Holly

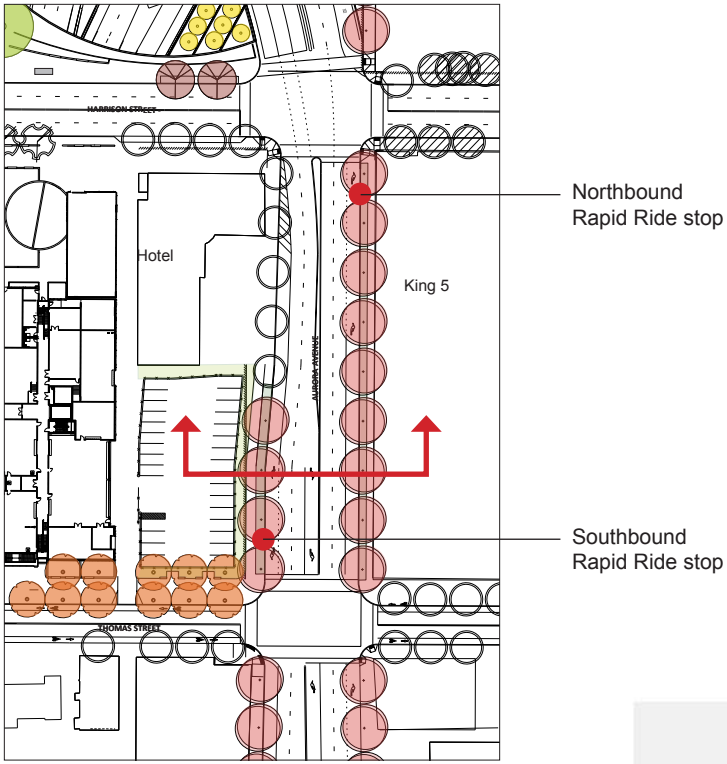
Mt. Vernon Laurel

Dwarf Privet Honeysuckle

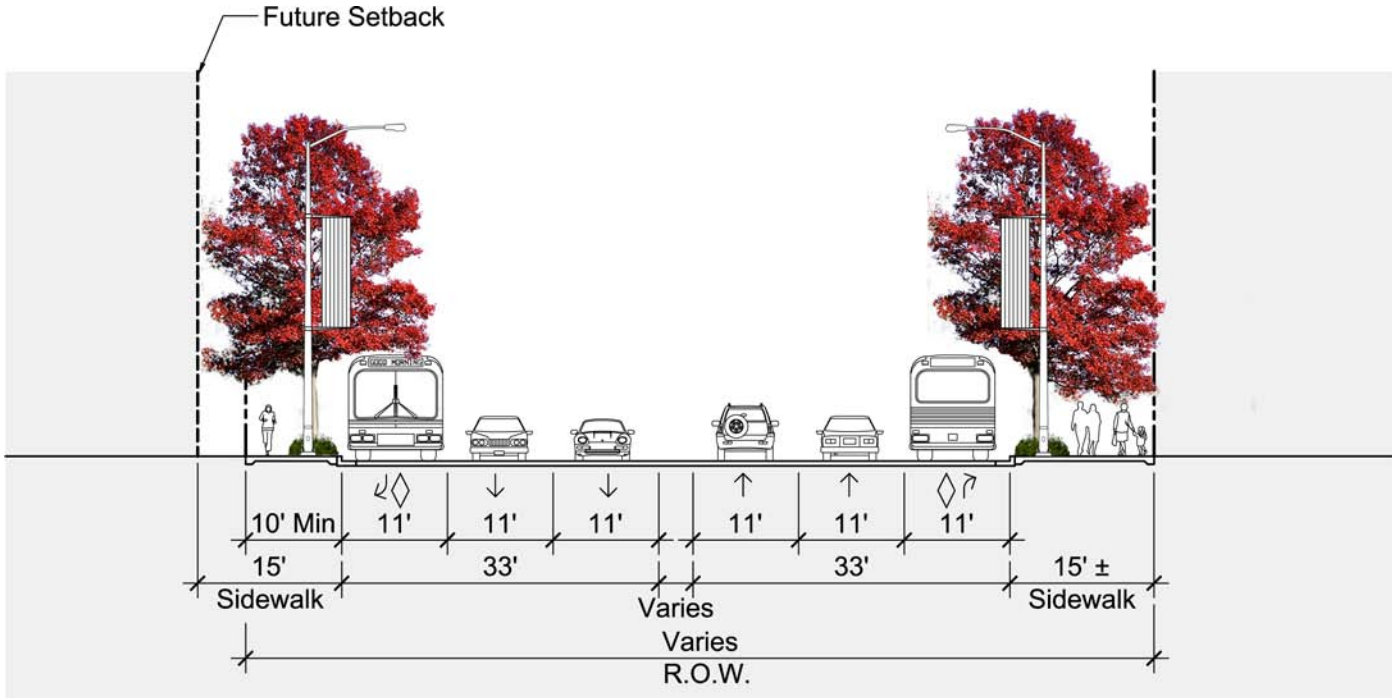
Dwarf Pavement Rose

Barren Strawberry

AURORA AVENUE - SOUTH OF HARRISON STREET



RAPID RIDE BUS LINE



AURORA AVENUE - DENNY WAY TO JOHN STREET

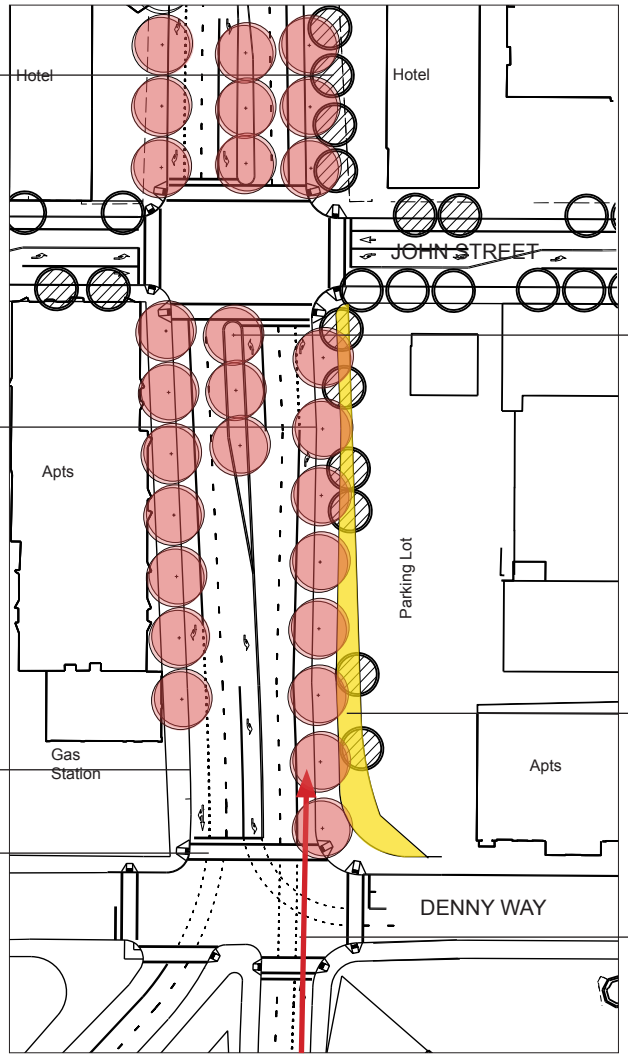
UPDATES TO STREET LAYOUT

Identify existing trees and preserve them wherever possible

Widen tree spacing to allow for large tree species (35 to 40 ft. o.c.)

Existing driveway - remove trees shown in guidelines

Shorten pedestrian crossing



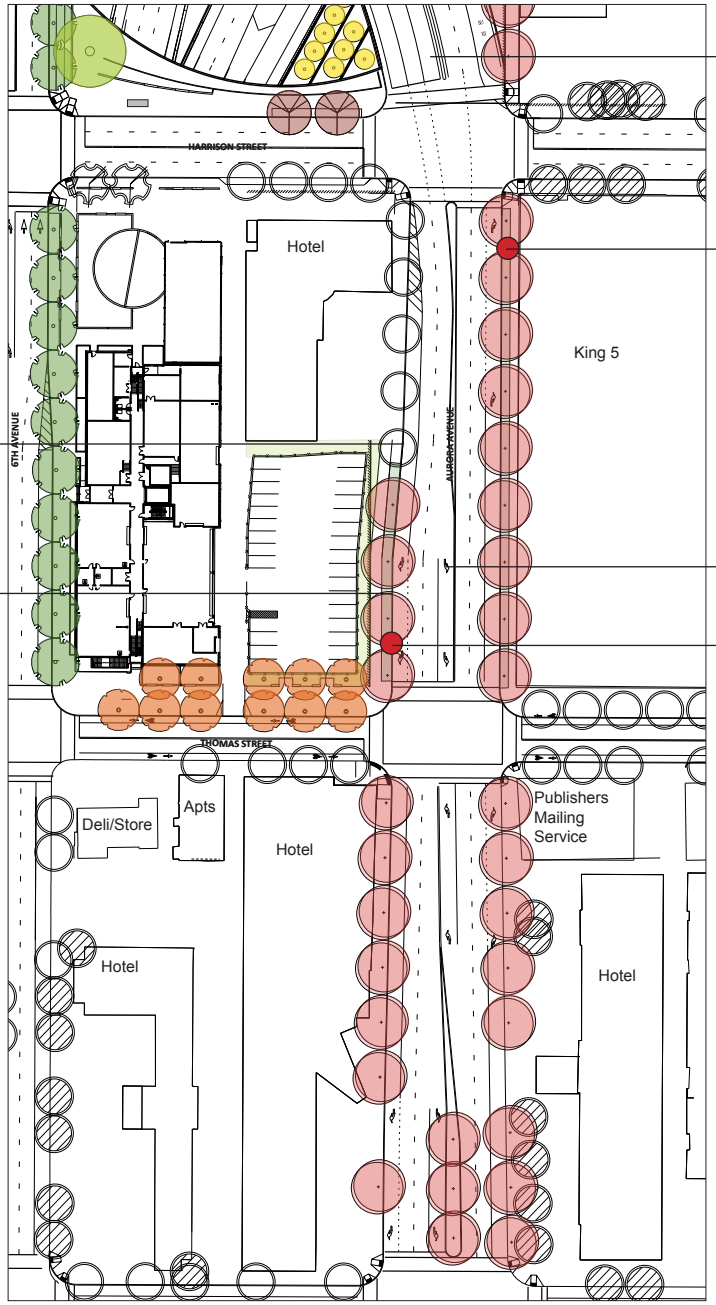
Maximize medians

Increase potential width of parcel from 70’ to 91’ (width varies)

Align north-bound lanes across intersection

AURORA AVENUE - JOHN STREET TO HARRISON STREET

UPDATES TO STREET LAYOUT



New left-turn lane to South Lake Union

Rapid Ride bus stop (northbound)

Existing curb cuts to parking
(Trees may be installed if property
is redeveloped.)

May eliminate left-turn lane

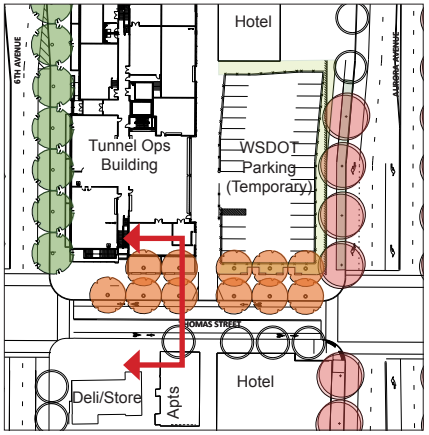
Minimum 6-foot continuous planting
strips with paving at bus stops

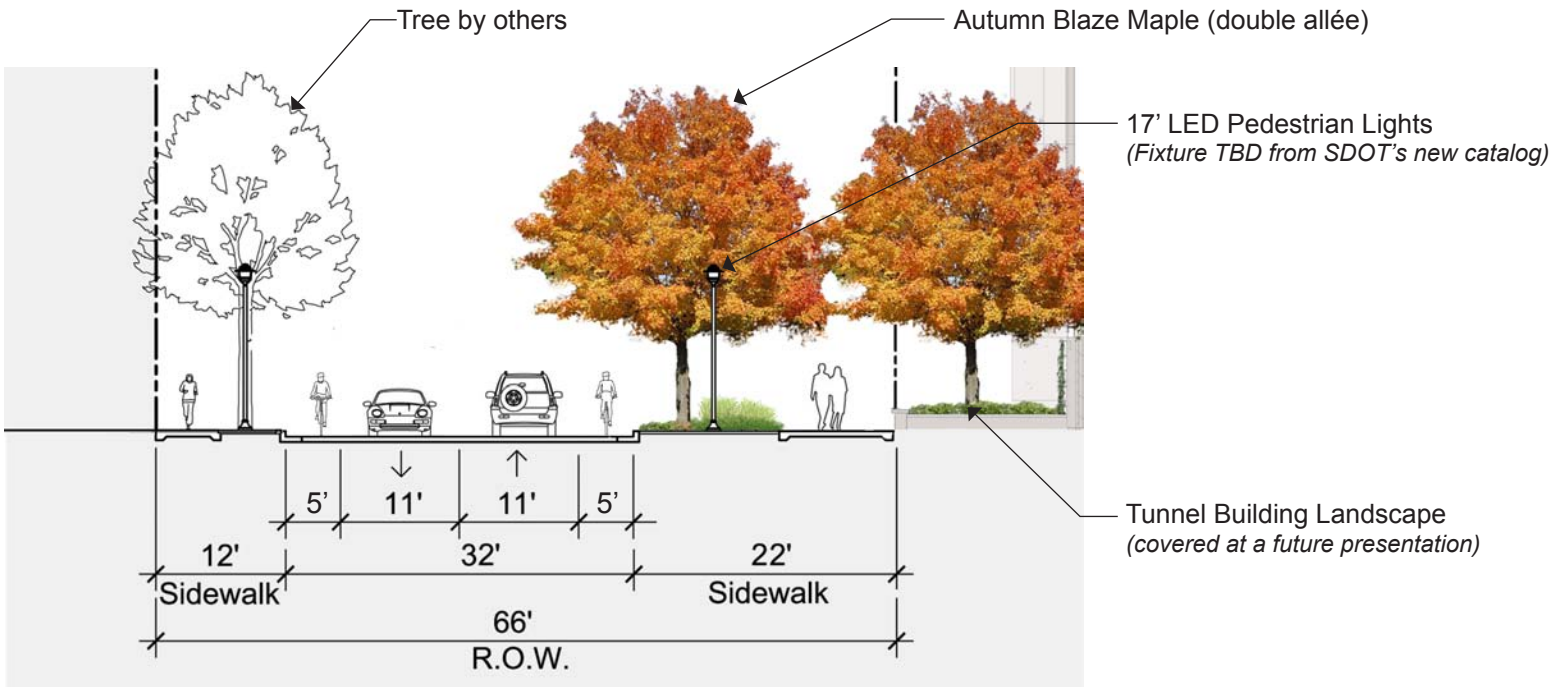
Rapid Ride bus stop (southbound)

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

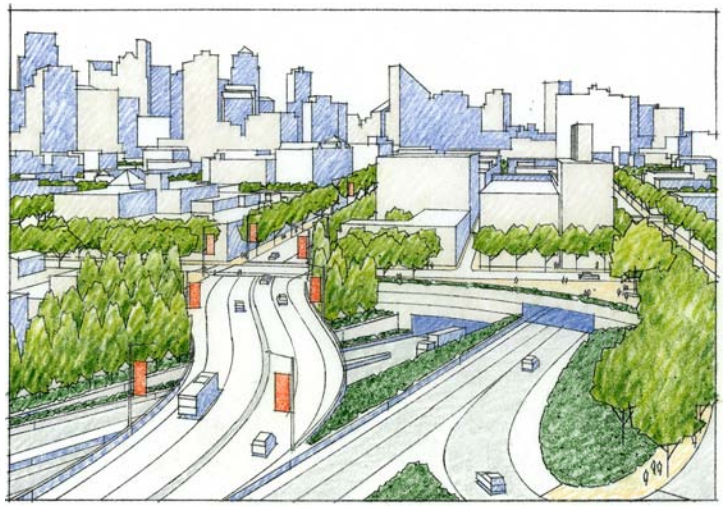
Salal

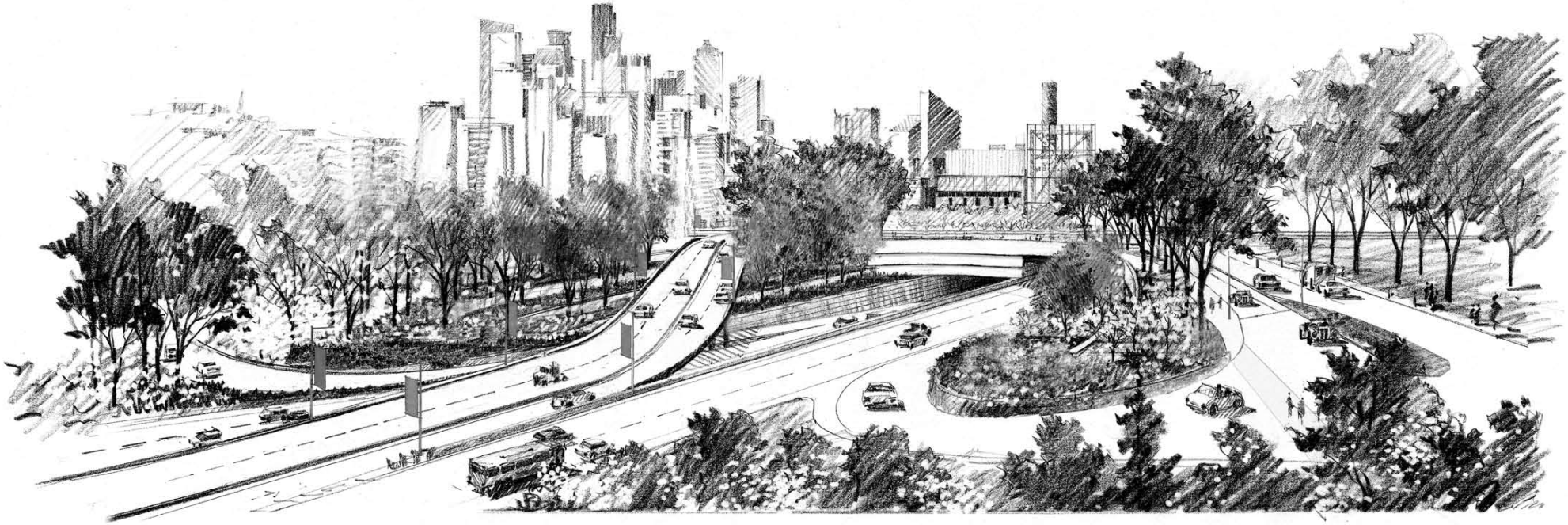
Kelsey Dogwood

Dwarf Oakleaf Hydrangea

Beach Strawberry

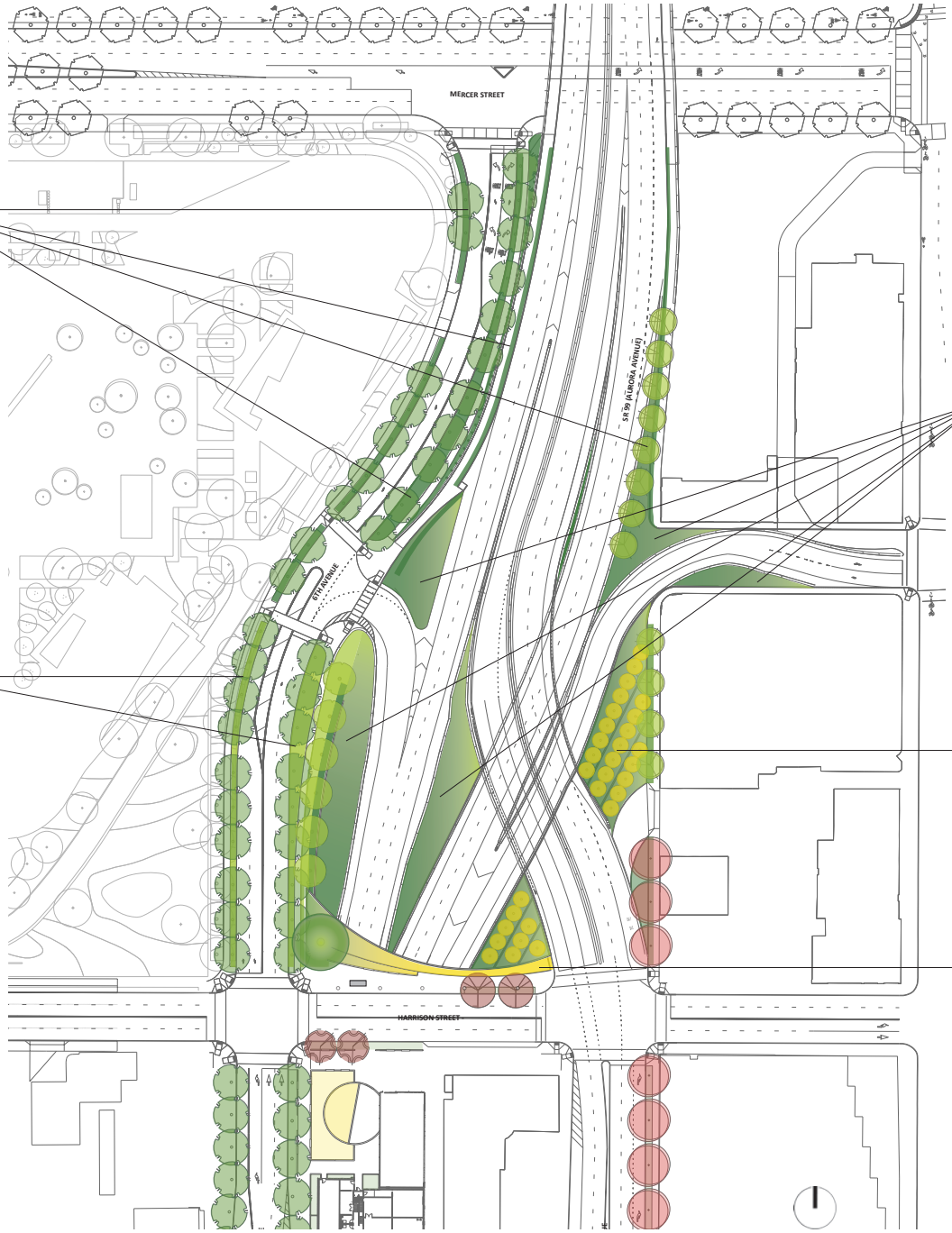
NORTH PORTAL DESIGN GUIDELINES





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

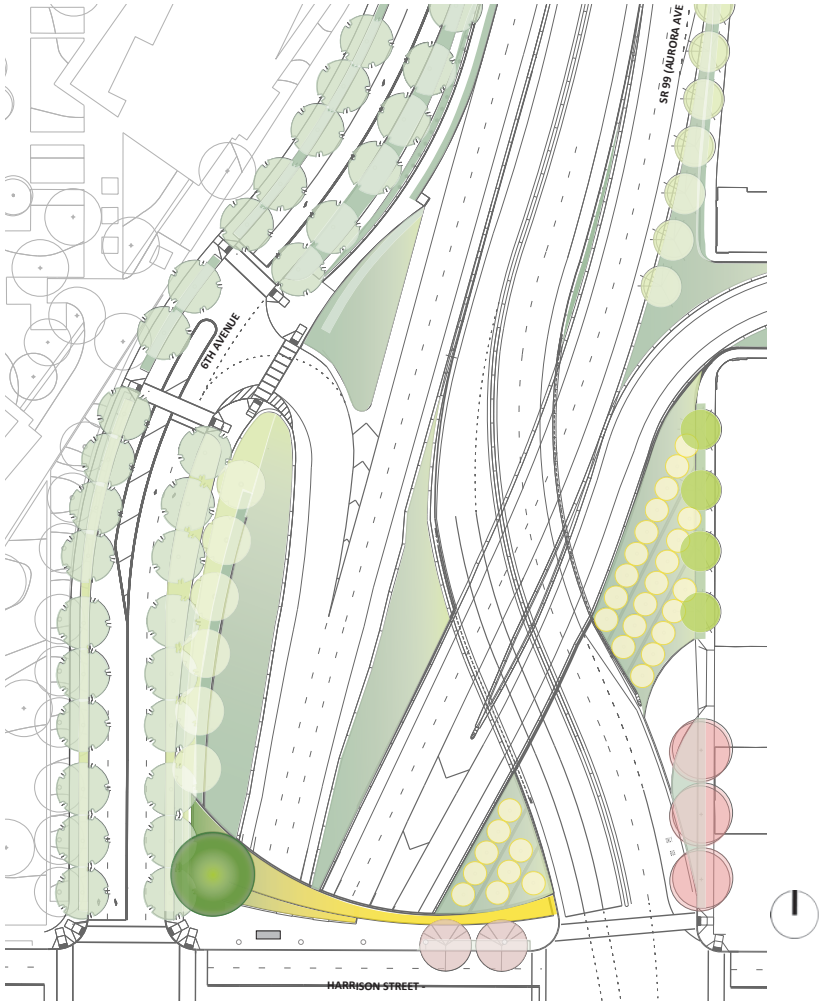
Little Bunny Fountain Grass

Ice Dance Carex

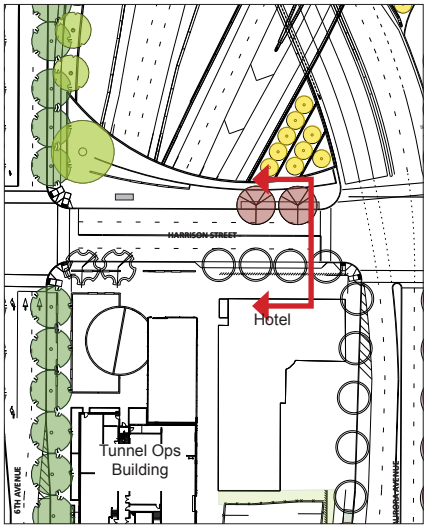
Avalanche Feather Reed Grass

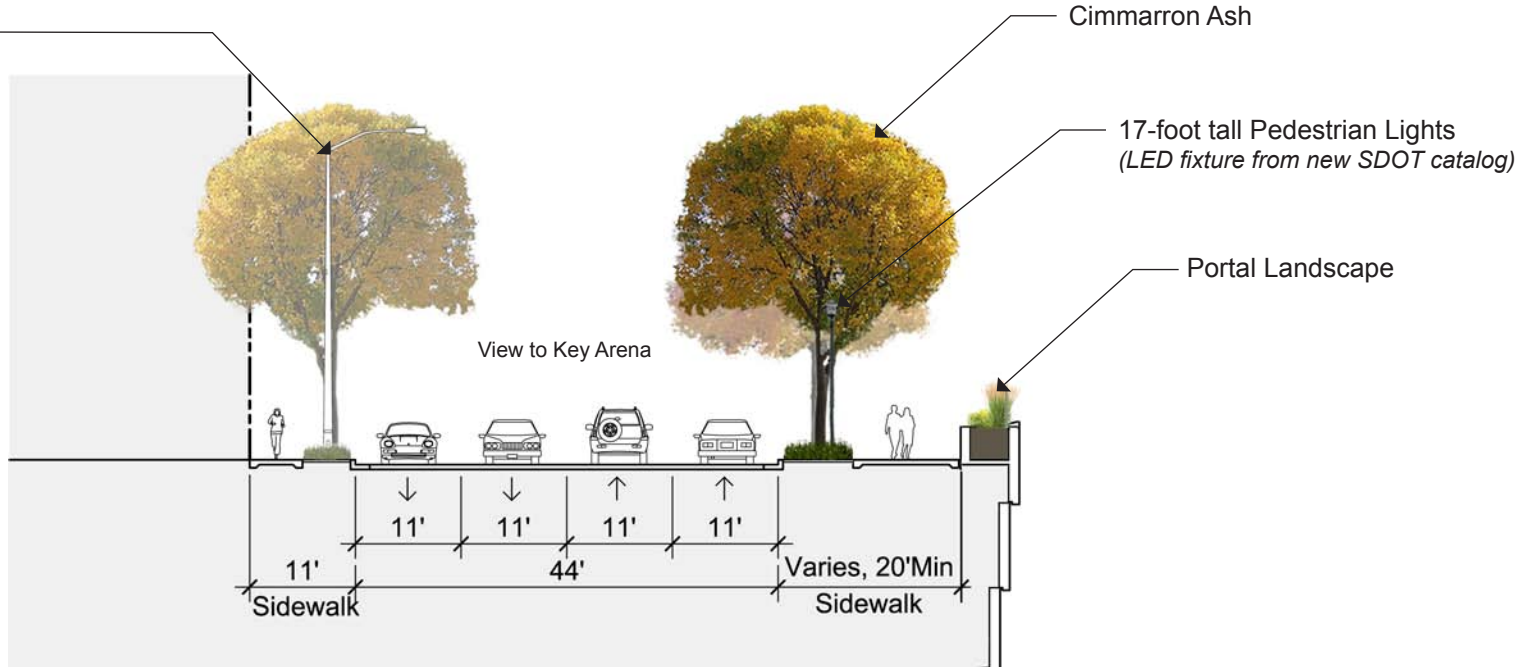
Pacific Coast Iris

Autumn Moor Grass



HARRISON STREET ABOVE NORTH PORTAL - EAST END





URBAN EDGE: LOW EVERGREEN SHRUBS WITH TEXTURAL INTEREST

Dwarf Japanese Holly

Dwarf Privet Honeysuckle

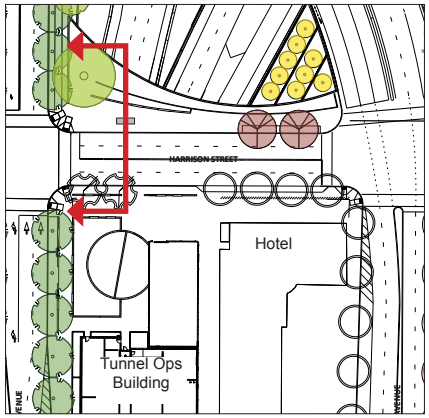
Barren Strawberry

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

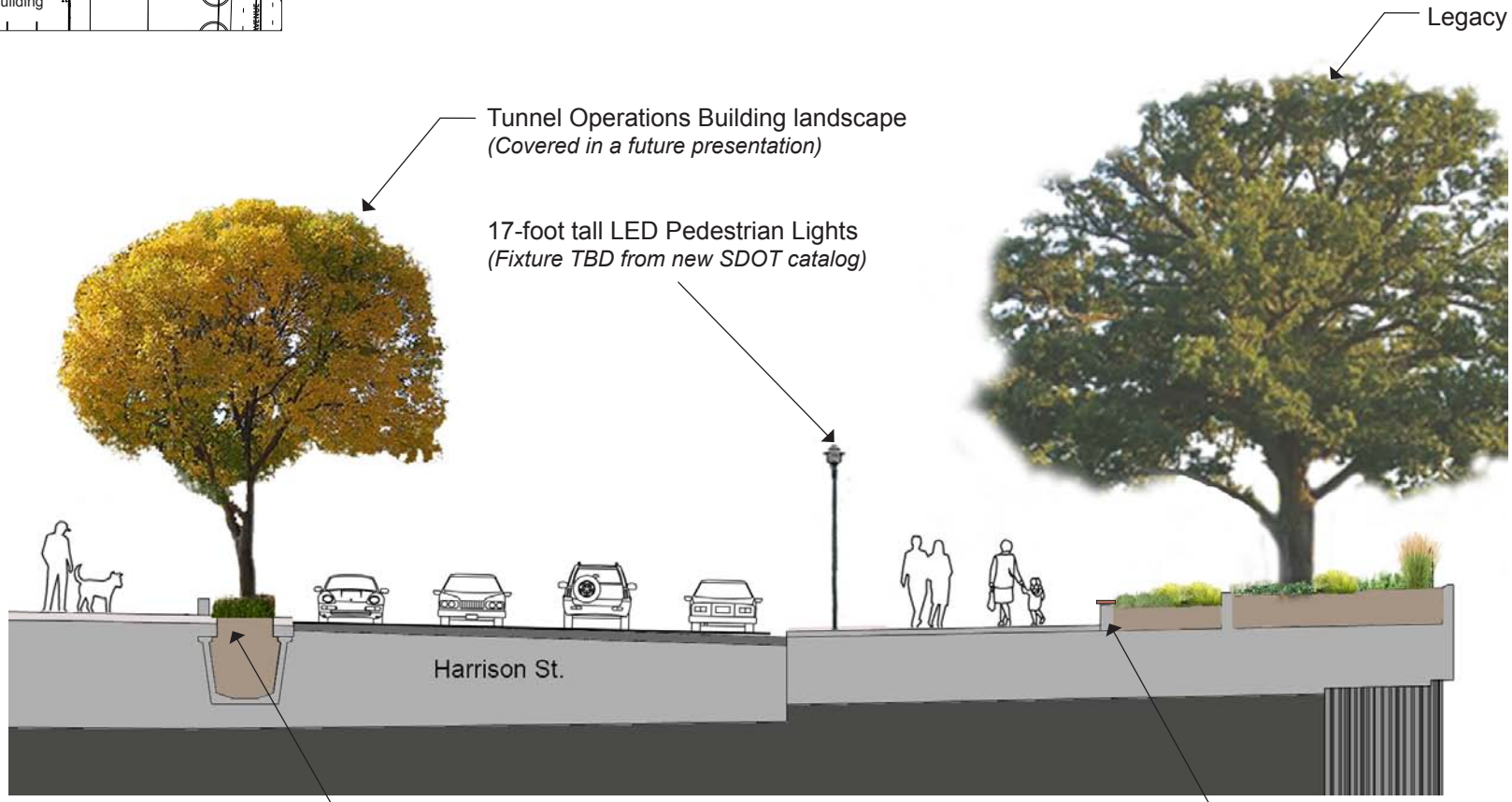
Dwarf Fountain Grass

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

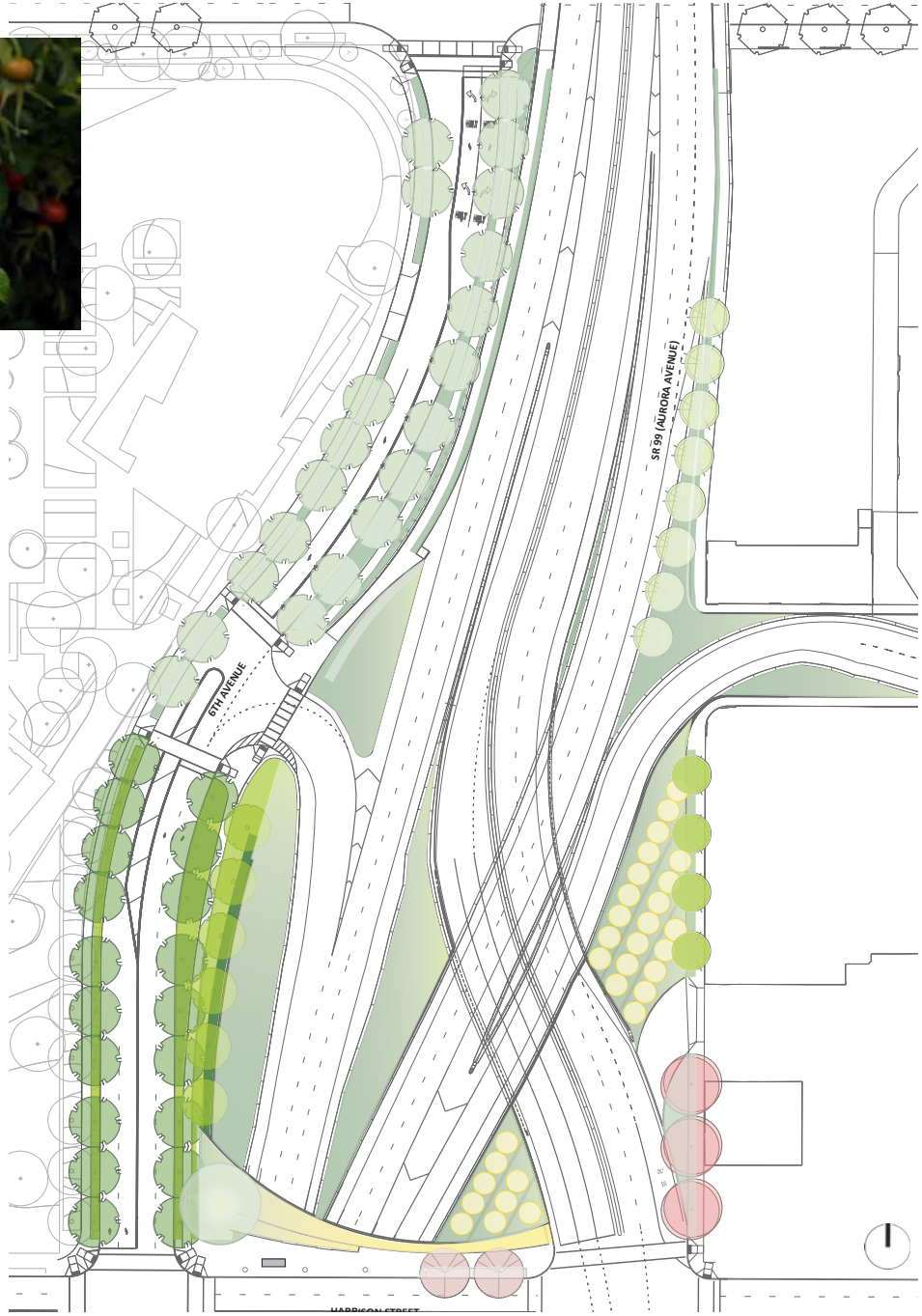
Evergreen Barrenwort

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'

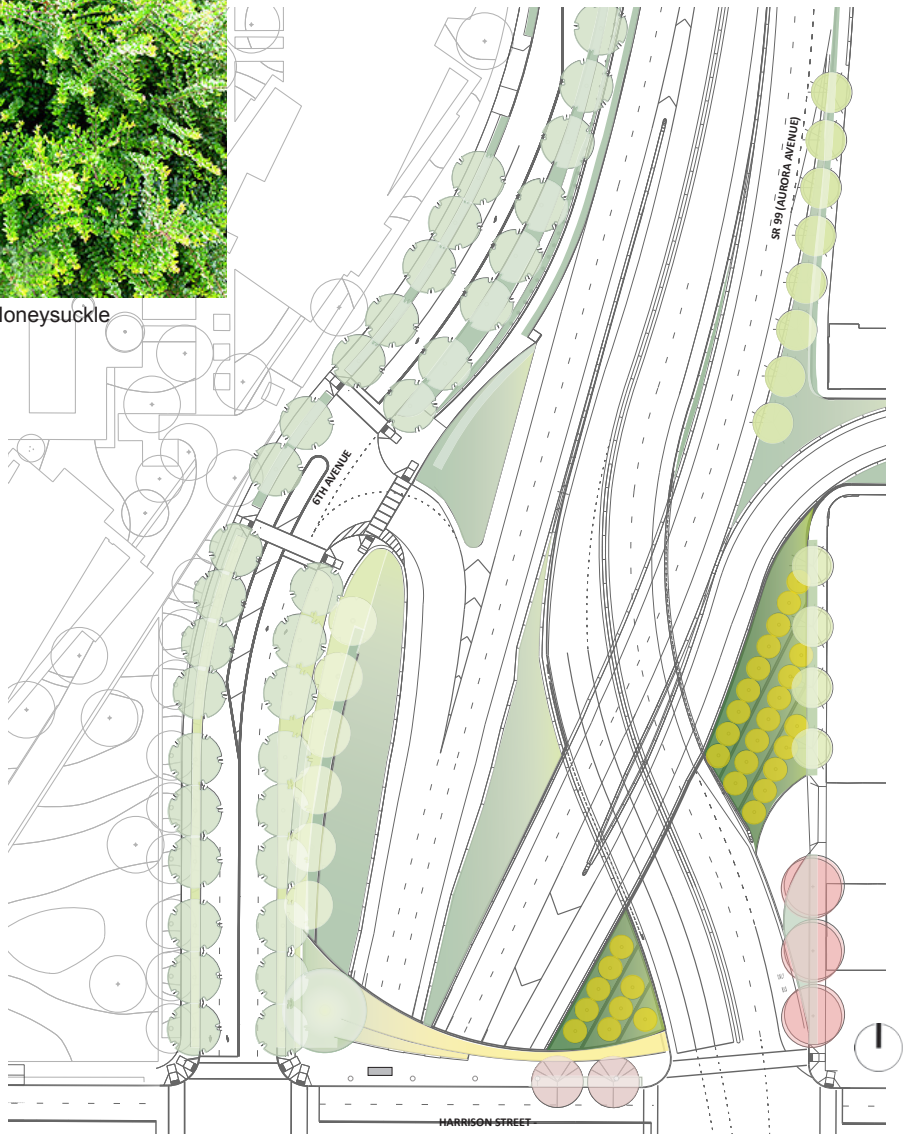
Holly Fern

NORTH PORTAL - STREAM TERRACES

EVERGREEN FERNS AND SHRUBS WITH TEXTURAL CONTRAST

Male Fern

Western Sword Fern

Dwarf Privet Honeysuckle

Princeton Sentry Ginkgo