University of Washington

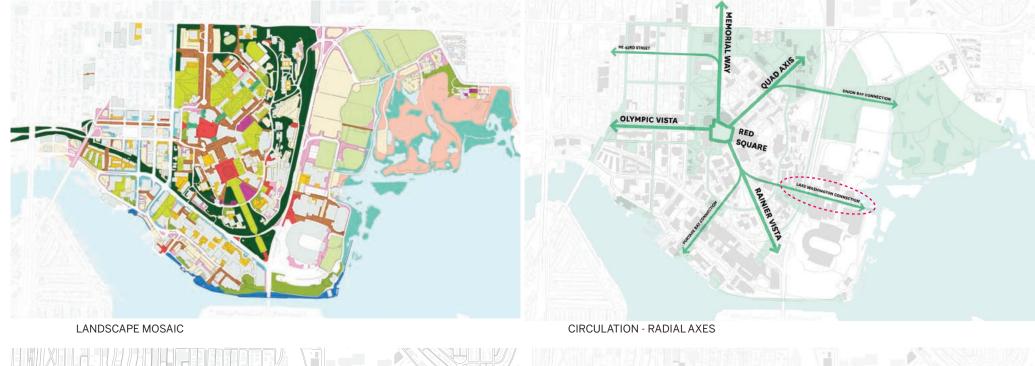
Computer Science & Engineering Building II

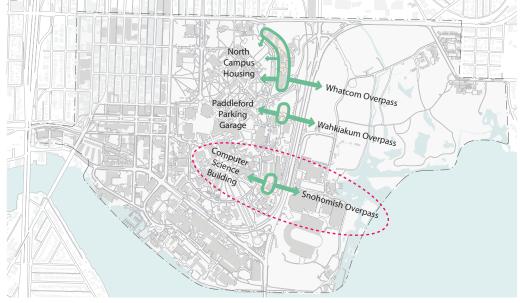
Architectur Urban Des Interiors

PROJECT GOALS

- Create a Unified Complex for Computer Science & Engineering
- Provide Qualitative Parity
- Foster Collaboration Among Faculty, Students and Staff
- Enhance the Sense of Community for CSE Undergrads
- Provide Flexible Instructional and Research Spaces
- Maximize Natural Daylight
- Create Multiple Secure Zones
- Enhance Campus Connections & Landscape

CAMPUS LANDSCAPE FRAMEWORK

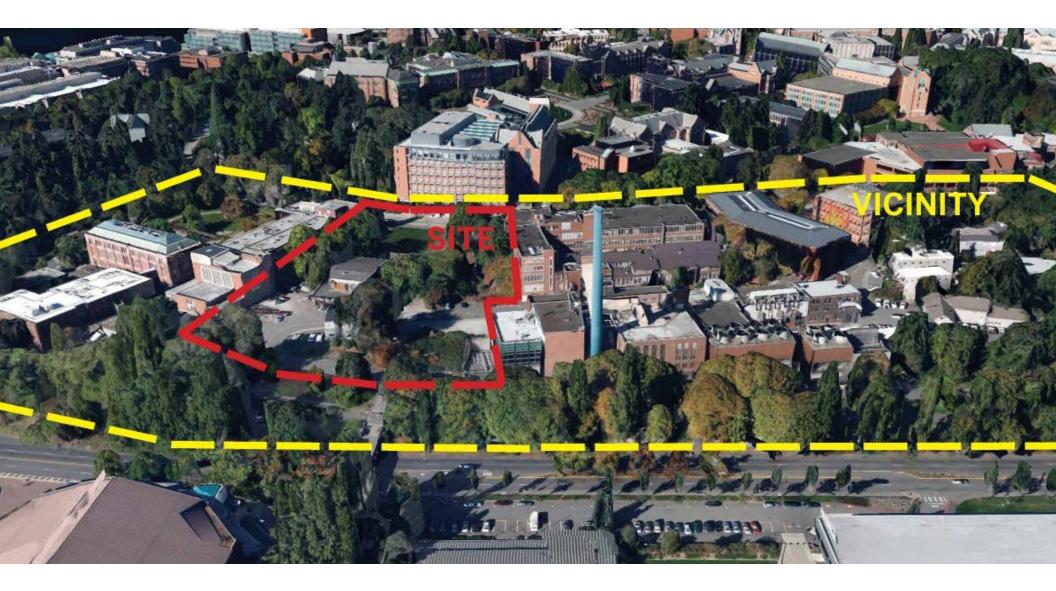




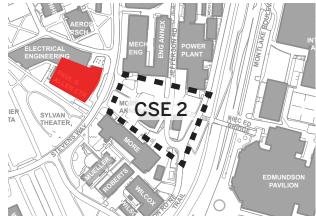
LAKE WASHINGTON CONNECTION



SNOHOMISH LANE CORRIDOR

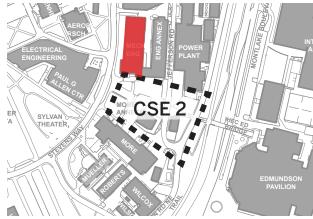


PAUL G. ALLEN CENTER



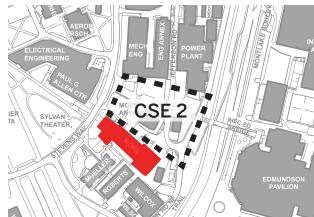


MECHANICAL ENGINEERING



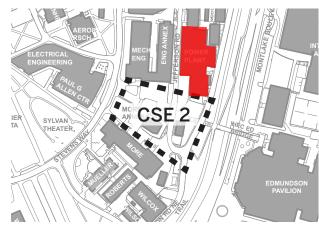


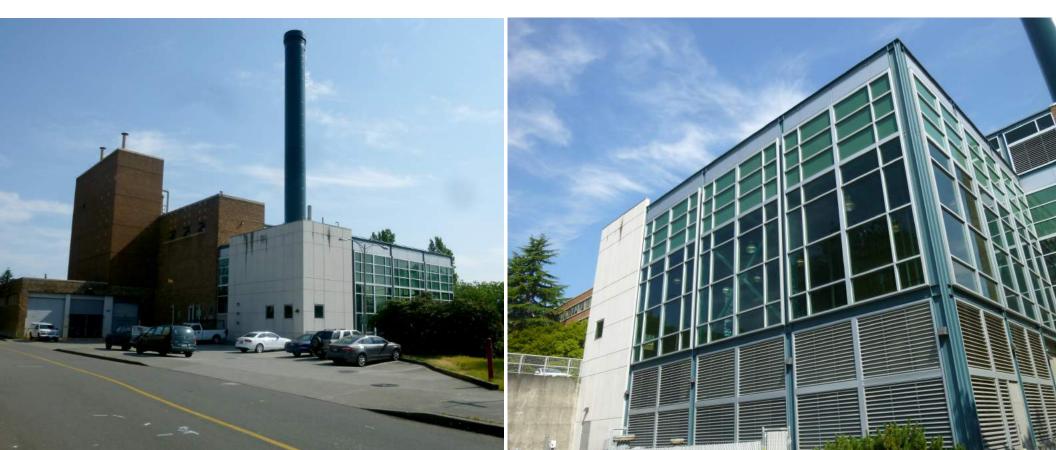
MORE HALL





POWER PLANT



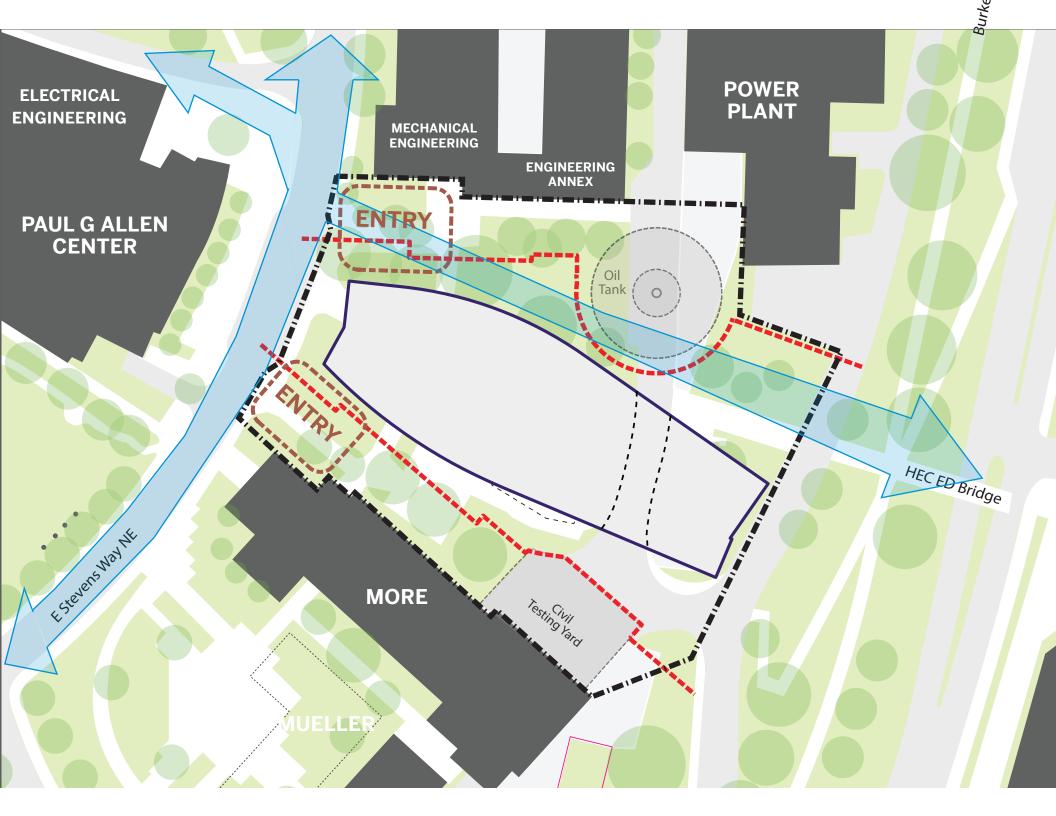


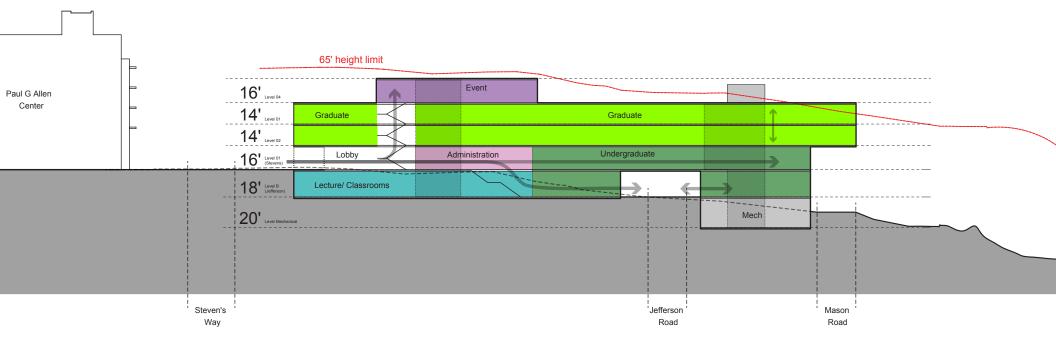
SOUTH: Shared Entry Court with Civil Building WEST: Strong link with Allen Center across Stevens Way

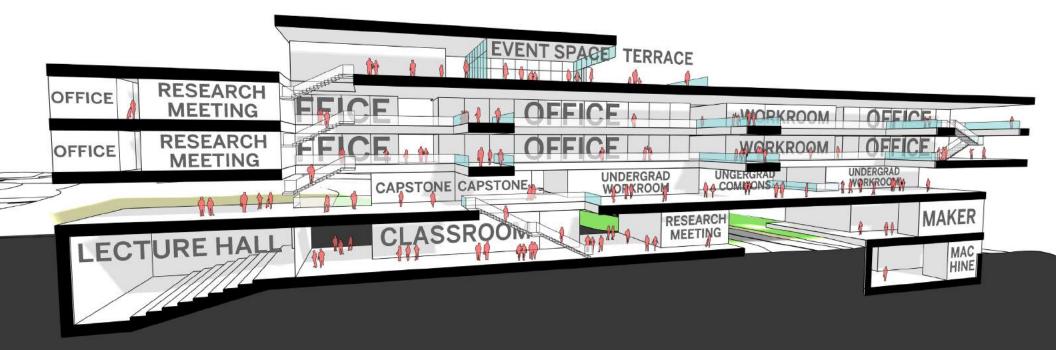
EAST: Jefferson Road, Service Access through building

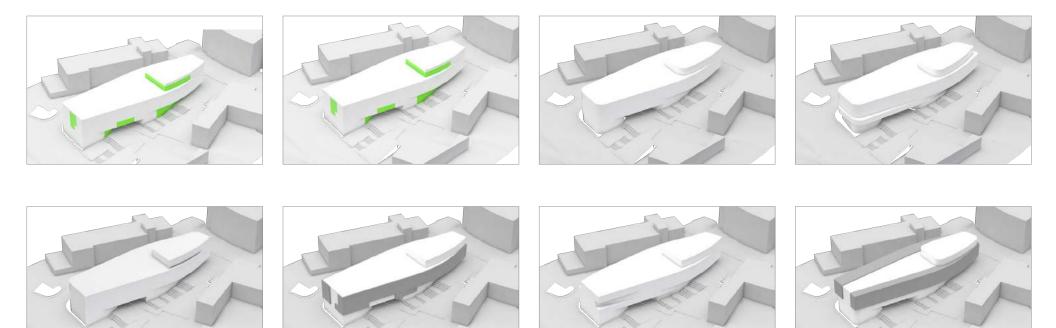
NORTH: Snohomish Lane, Major Pedestrian Walkway

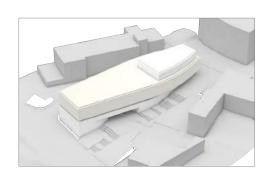
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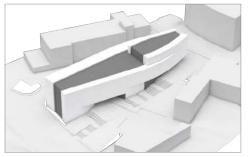


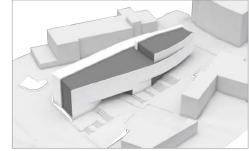


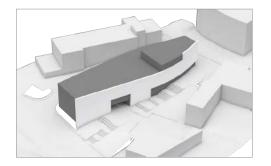


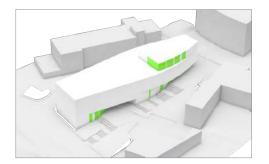




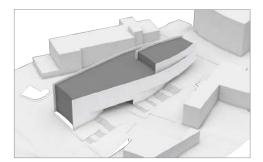


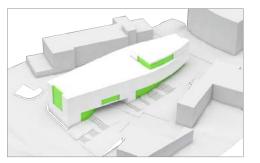


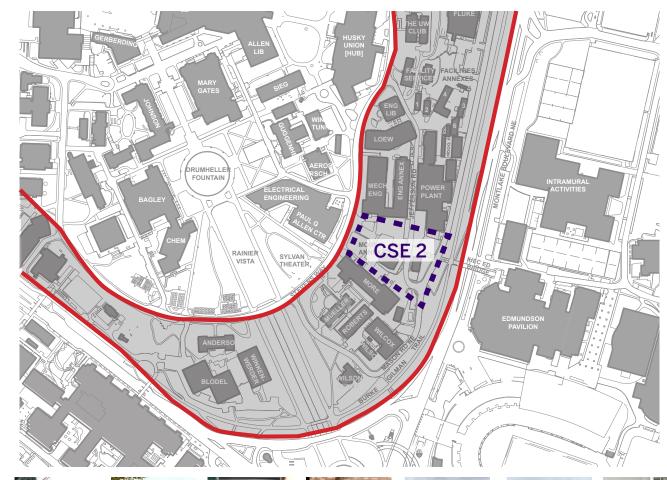




















0 at 12





































MATERIAL SELECTION

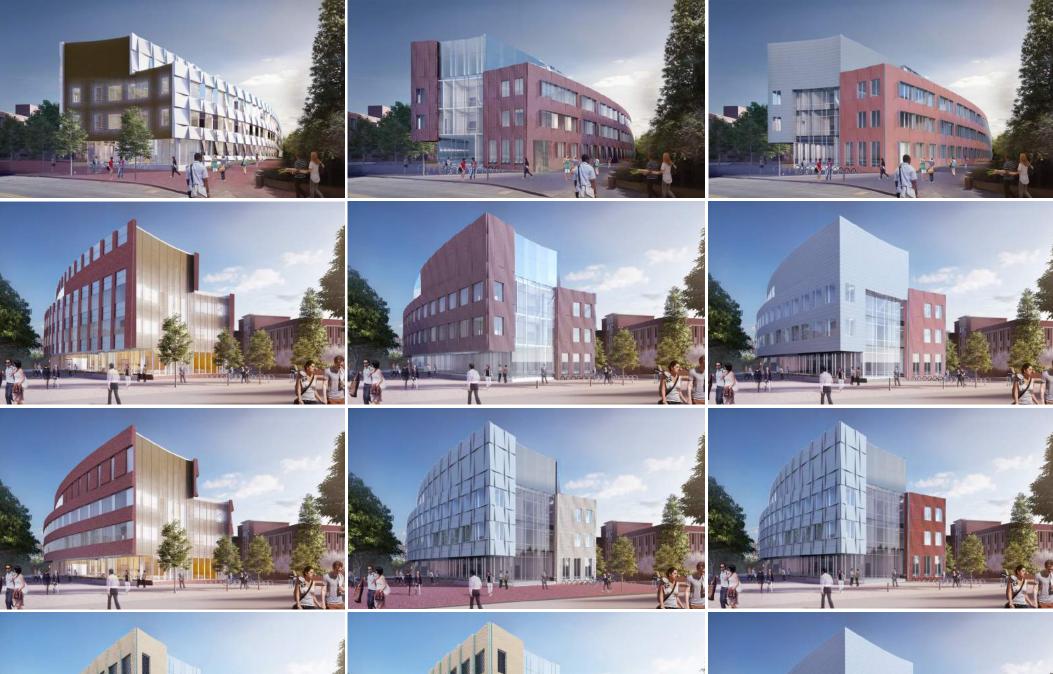




Massive

-

→ Light























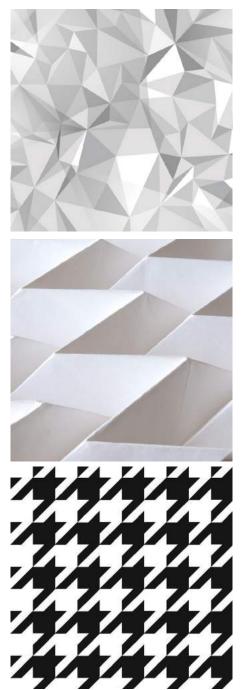


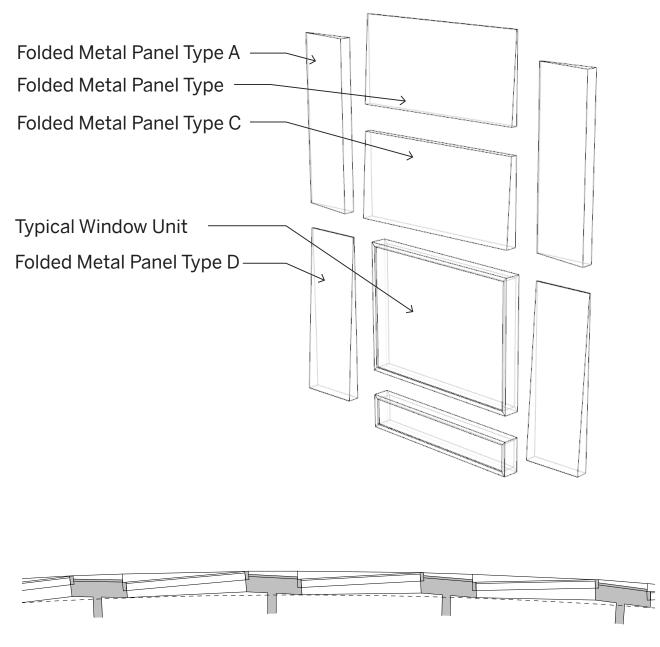






SHINGLED





Wall Assembly Plan View



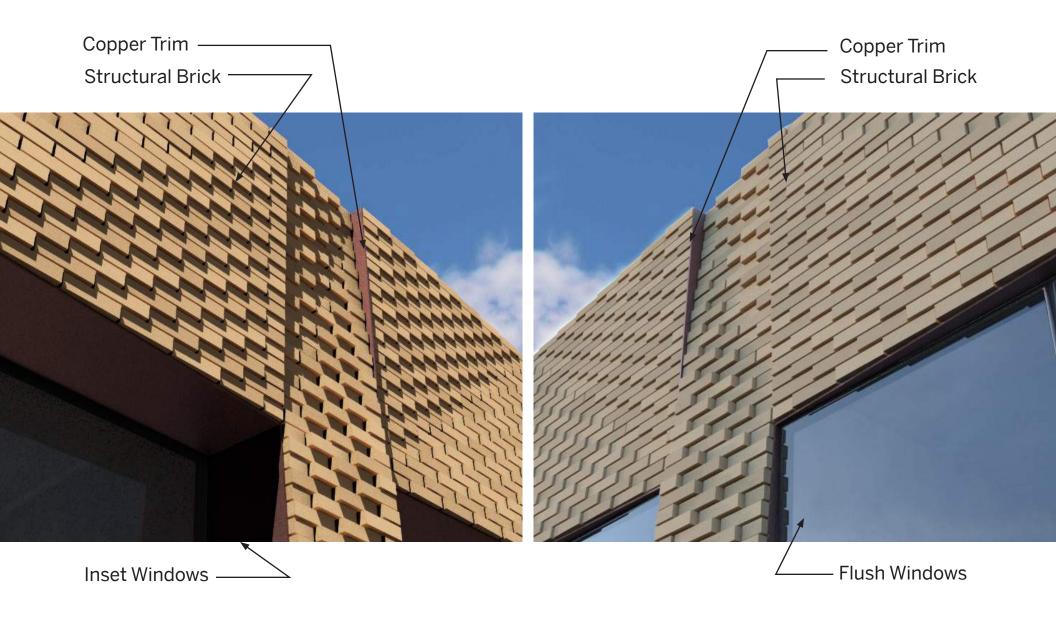






SOUTH FACADE

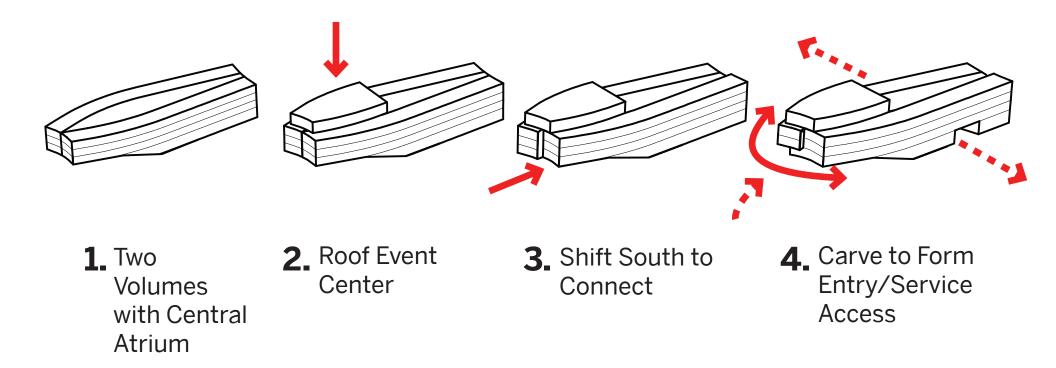
NORTH FACADE



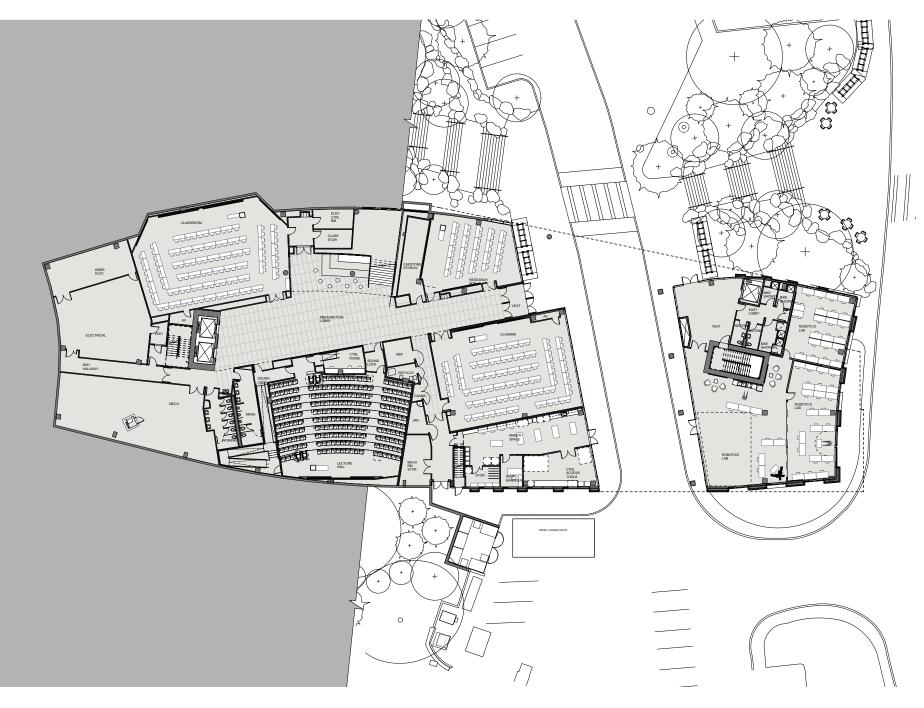




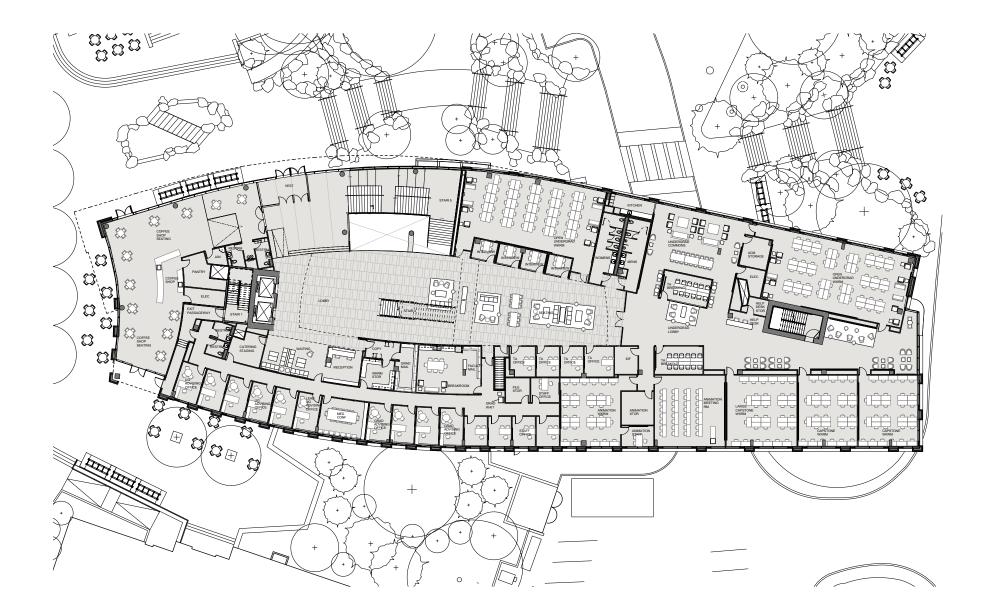
FORMAL EVOLUTION



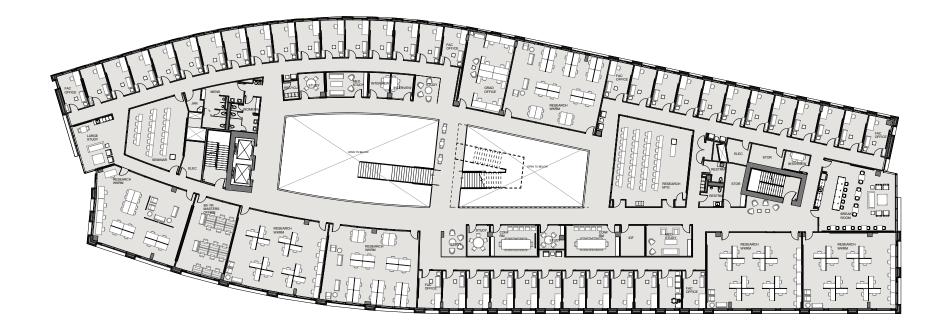
GROUND FLOOR PLAN



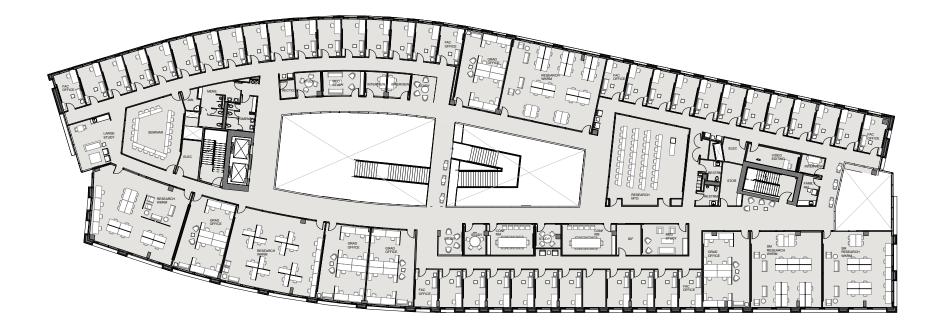
FIRST FLOOR PLAN



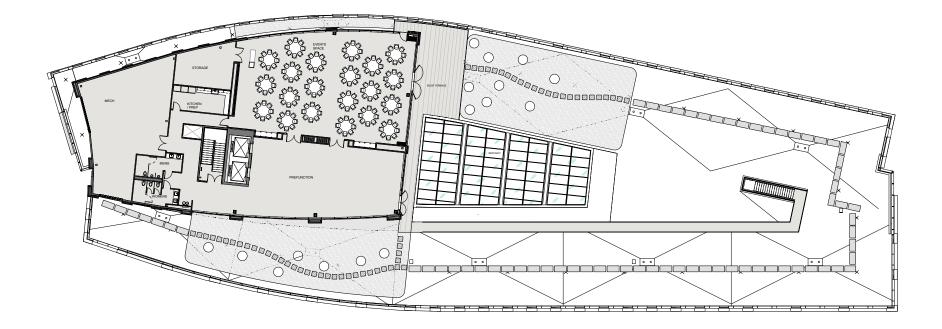
SECOND FLOOR PLAN



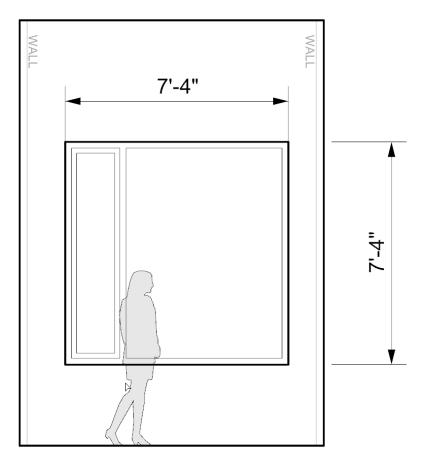
THIRD FLOOR PLAN



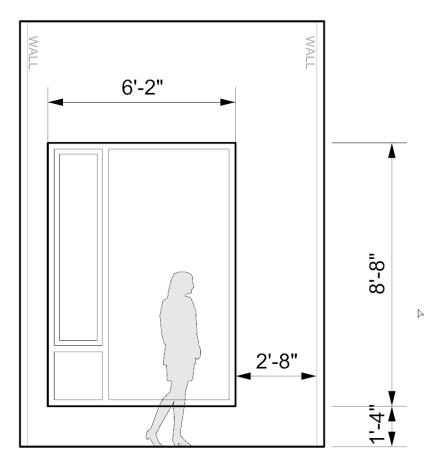
FOURTH FLOOR PLAN



APERTURE ADJUSTMENTS



Previous to match Allen Center

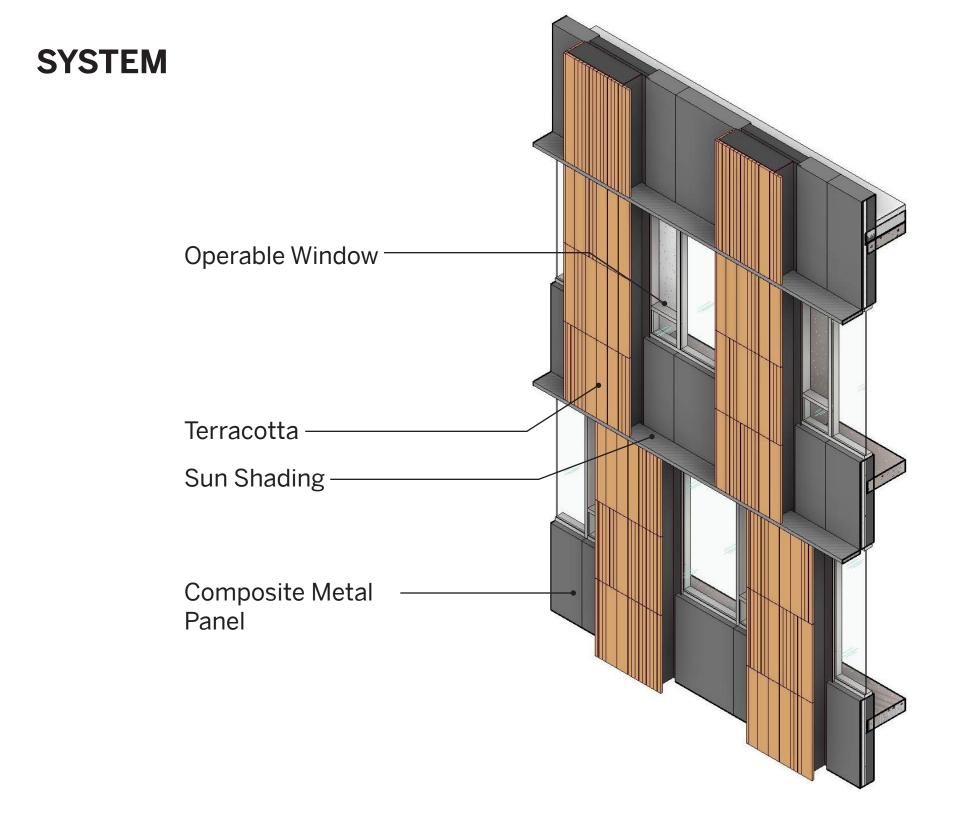


Revised taller window configuration allows more variety

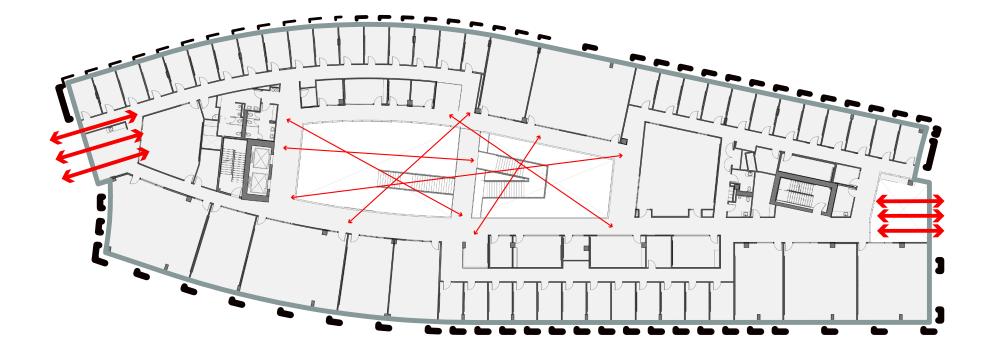




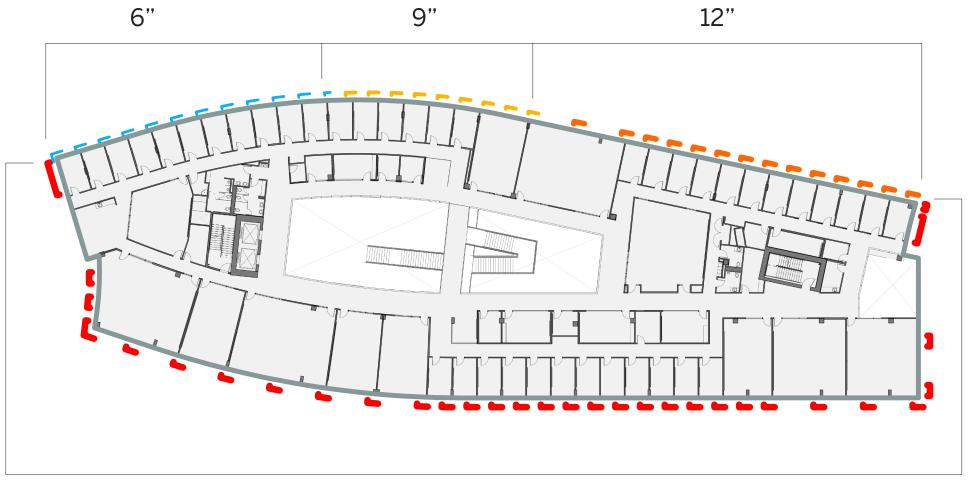
Present



SYSTEM EXTENTS

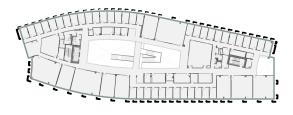


SYSTEM DEPTH



18"



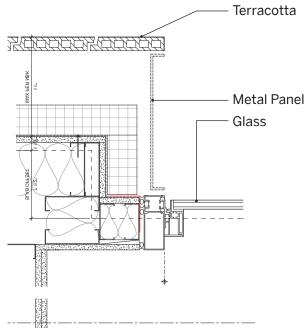


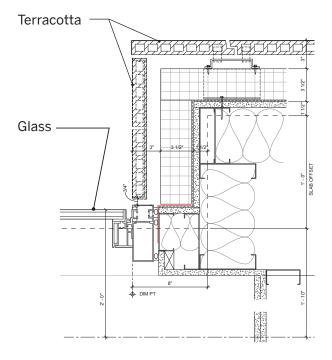


Facing East









Civil Engineering



More Hall



Allen Center



Ters 7 G97 866 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ruyon Camyon Tan 100 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Camyon Tan 100 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Camyon Tan 100 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Camyon Tan 100 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Camyon Tan 100 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Call Sens Clay 104 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Call Sens Clay 104 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Call Sens Clay 104 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Call Sens Clay 104 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Call Sens Clay 104 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Call Sens Clay 104 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Call Sens Clay 104 Sens Clay 104 Sens Clay 104 Sens Clay 104 Ris C Call Sens Clay 104 Sens Clay 104 Sens Clay 104 Sens Clay 104 R

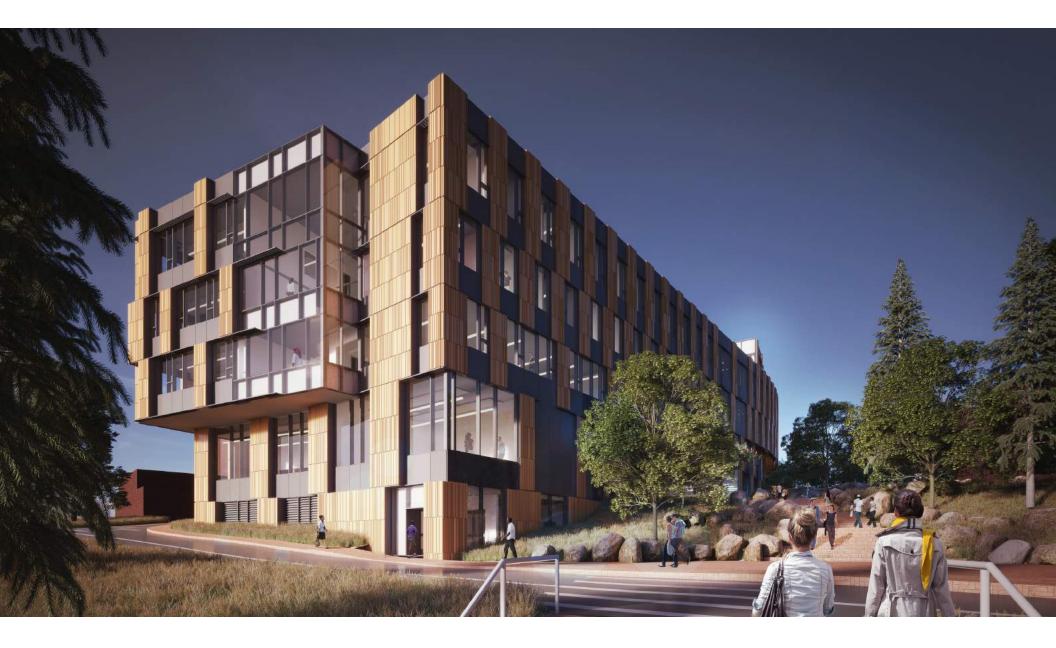
Seminole Brown 1183 R:142 G:94 B:81

Wynwood 1231 R:125 G:92 B:79





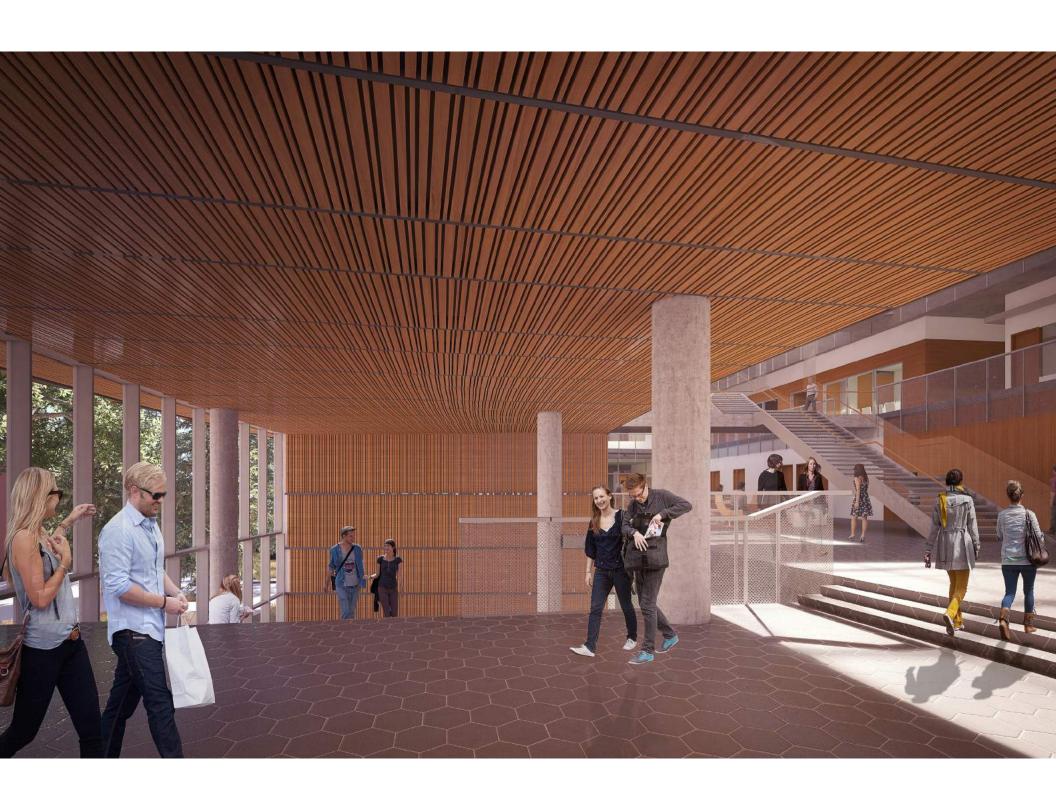








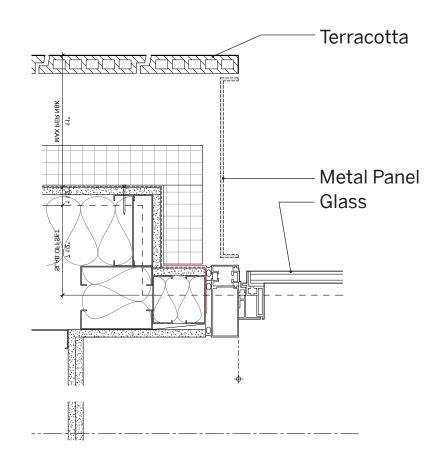




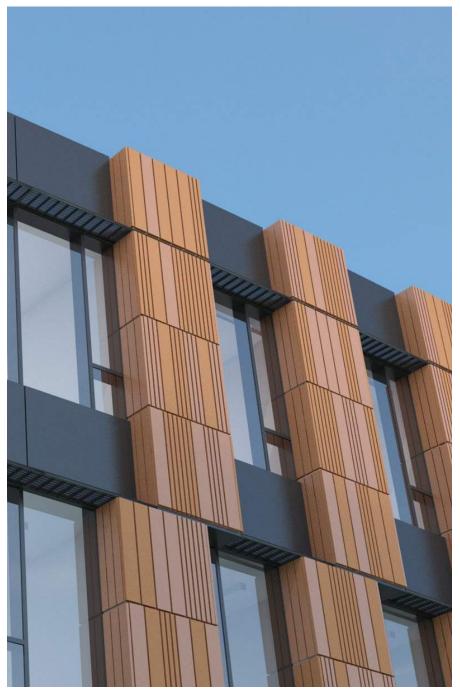


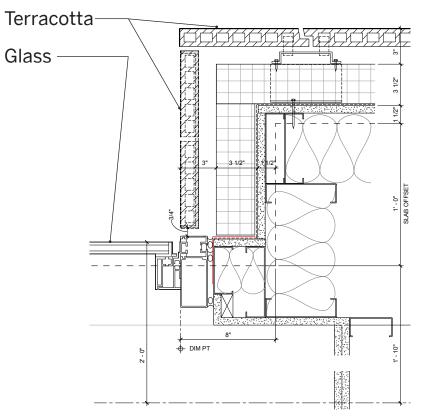
DETAIL FACING EAST





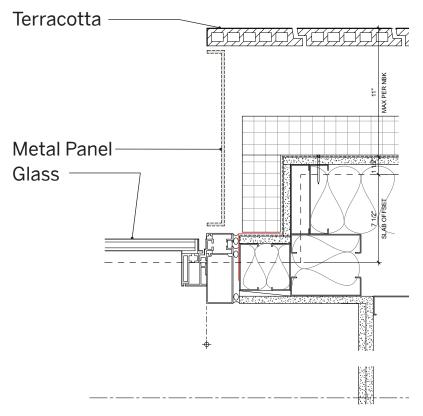
DETAIL FACING WEST - OPTION 1





DETAIL FACING WEST - OPTION 2

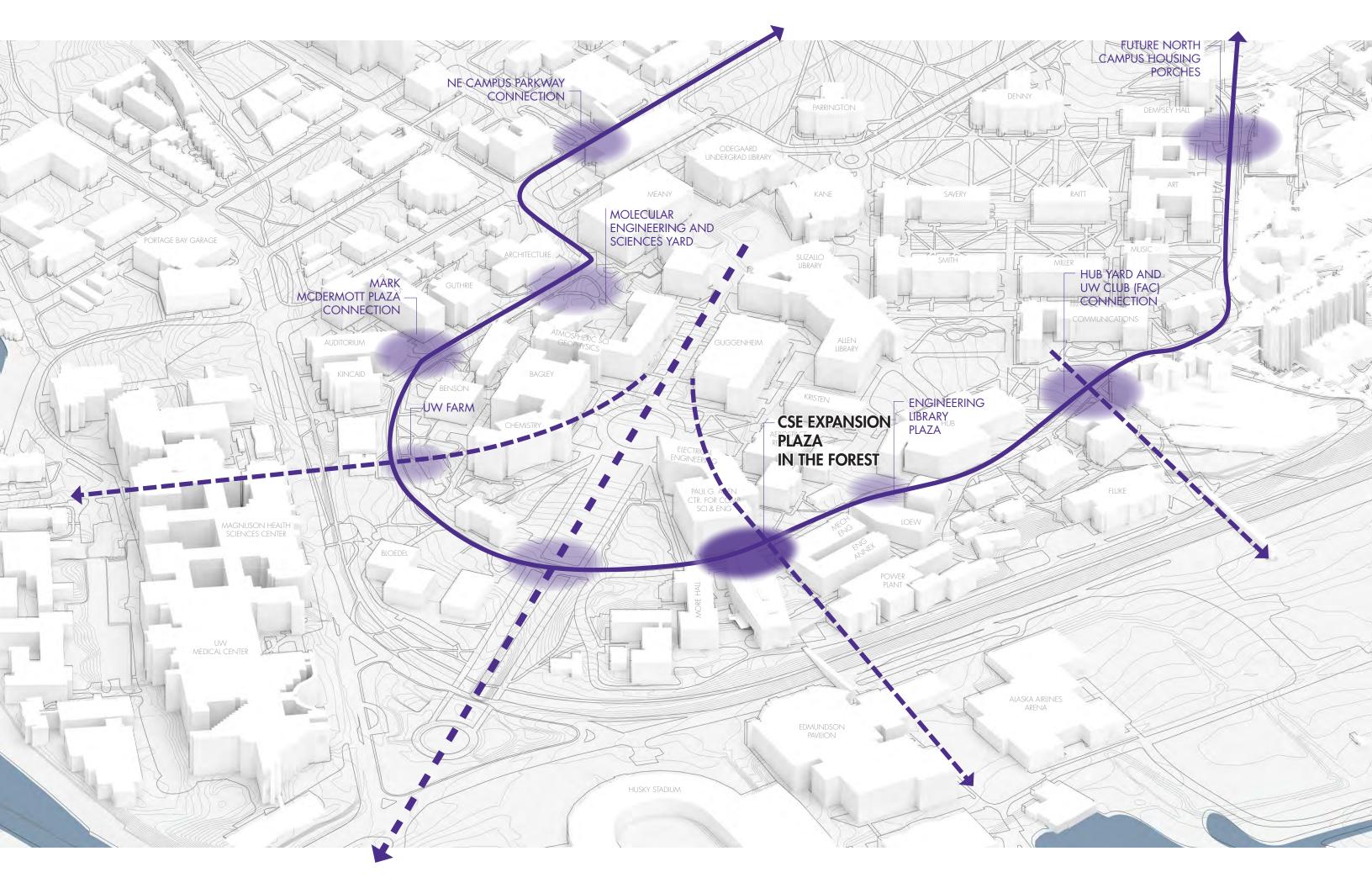


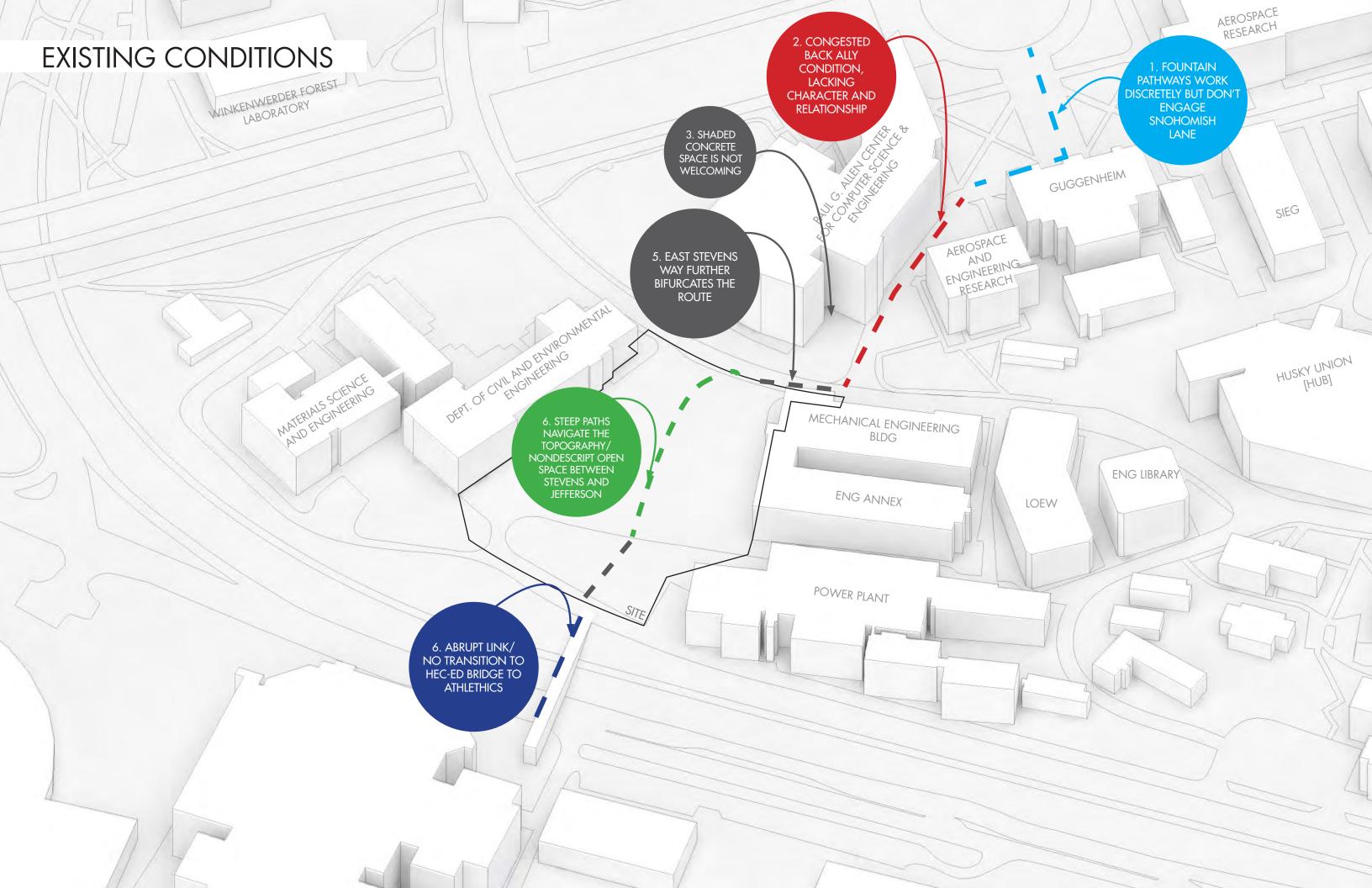


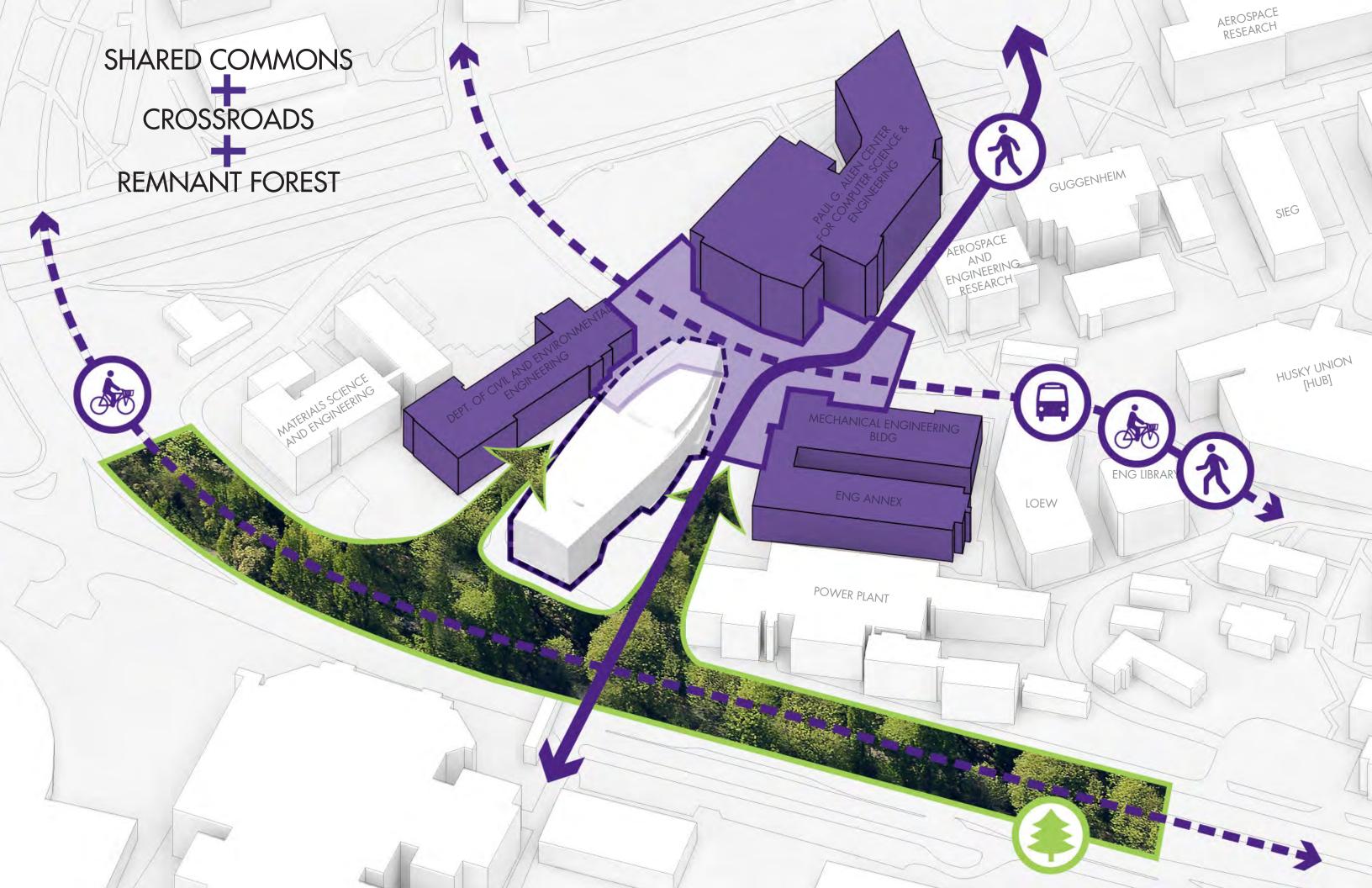
UW Computer Science & Engineering Expansion

06.17.2016 Landscape Design gineering Expansion

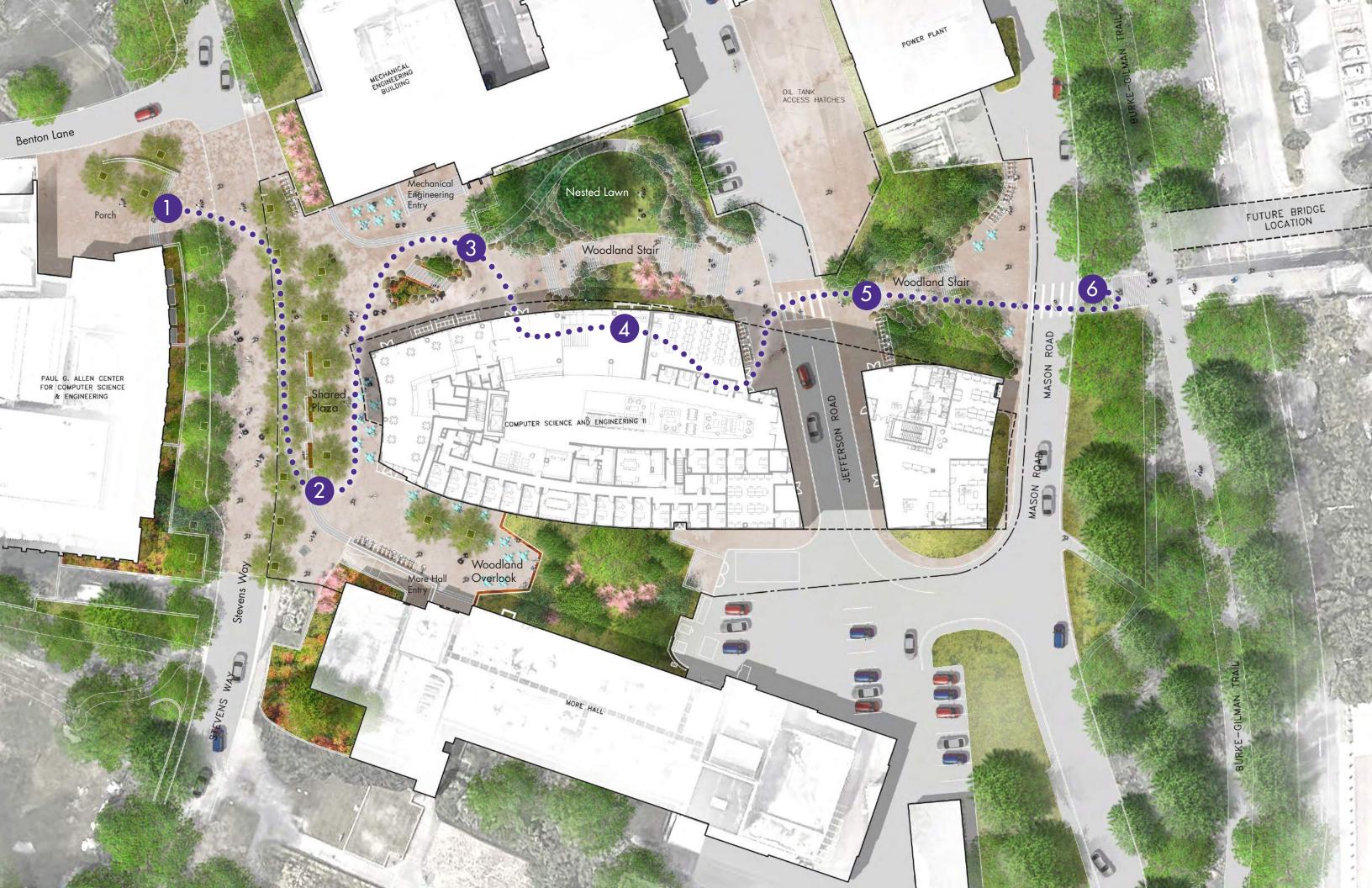
S.A.

























ADA Accessible Ramp















Stair down to Hec-Ed Bridge and Burke-Gilman Trail

low woodland groundcover planting along building face





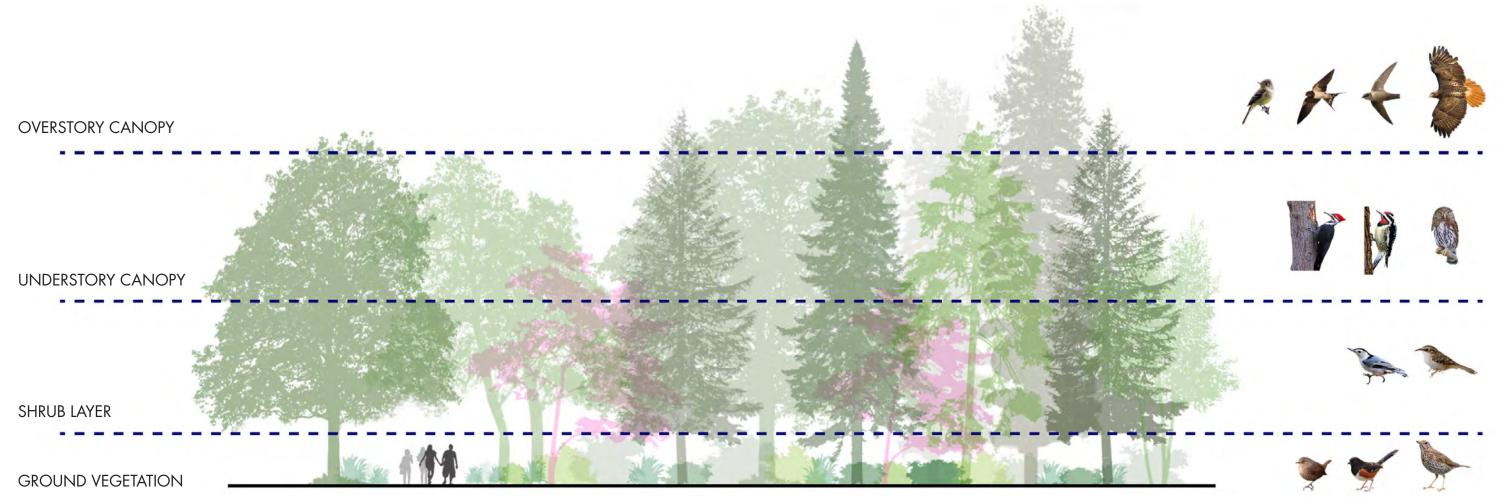






Lake Washington Connection

PLANTING STRATEGY + BIODIVERSITY



PLAZA/COMMONS PLANTINGS -DECIDUOUS DOMINANT/ LITTLE UNDERSTORY

FOREST REMNANT PLANTING -CONIFER DOMINANT/ **RICH UNDERSTORY**

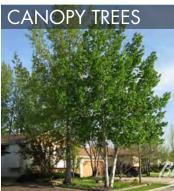


BIRD SPECIES

- a. Red-Tailed Hawk
- b. Swift
- c. Swallow
- d. Fly-Catcher
- e. Pygmy Owl
- f. Sapsucker
- g. Pileated Woodpecker
- h. Brown Creeper
- i. Nuthatch
- j. Thrush
- k. Towhee
- I. Winter Wren

PLANT PALETTE - WOODLAND





Populus tremuloides Quaking Aspen



Acer macrophyllum Bigleaf Maple





Picea sitchensis Sitka Spruce

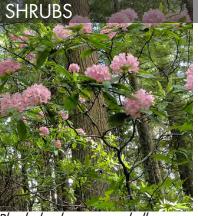


Malus fusca Pacific Crabapple



Cornus kousa Kousa Dogwood





Rhododendron macrophyllum Pacific Rhododendron



Ribes sanguineum Flowering Currant



Symphoricarpos albus Common Snowberry



Mahonia nervosa Dwarf Oregon Grape



Wild Mock-Orange







Lamprocapnos spectabilis Bleeding Heart



Maianthemum dilatatum False Lily-of-the-Valley



Oxalis oregana Wood Sorrel



Polemonium foliossimum Jacob's Ladder



Gynocarpium dryopteris Oak Fern

Athyrium filix-femina Lady Fern



Pseudotsuga menziesii Douglas Fir

Chamaecyparis nootkatens Alaska Cedar





Acer cercinatum Vine Maple



Pinus mugo Mountain Pine



Cornus red-osier Redosier Dogwood





Polystichum muntium Sword Fern



Maianthemum racemosum False Solomon's Seal





Quercus phellos Willow Oak



Yarrow (white)



Delphinium menziesii Menzies' Larkspur



Oregon Sunshine



Lavandula intermedia 'Grosso' Fat Bud French Lavender



Cascade penstemon



Lupinus latitolius , Broadleaf Lupine



Rubus spectabilis Salmonberry



Camassia quamash Common Camas

Erigeron speciosa Showy fleabane





Carex obnupta Slough Sedge



Carex stipata Awlfruit Sedge



Swordleaf Rush

Ulmus parvifolia Lacebark Elm



Symphyotrichums subspicatum Douglas Aster



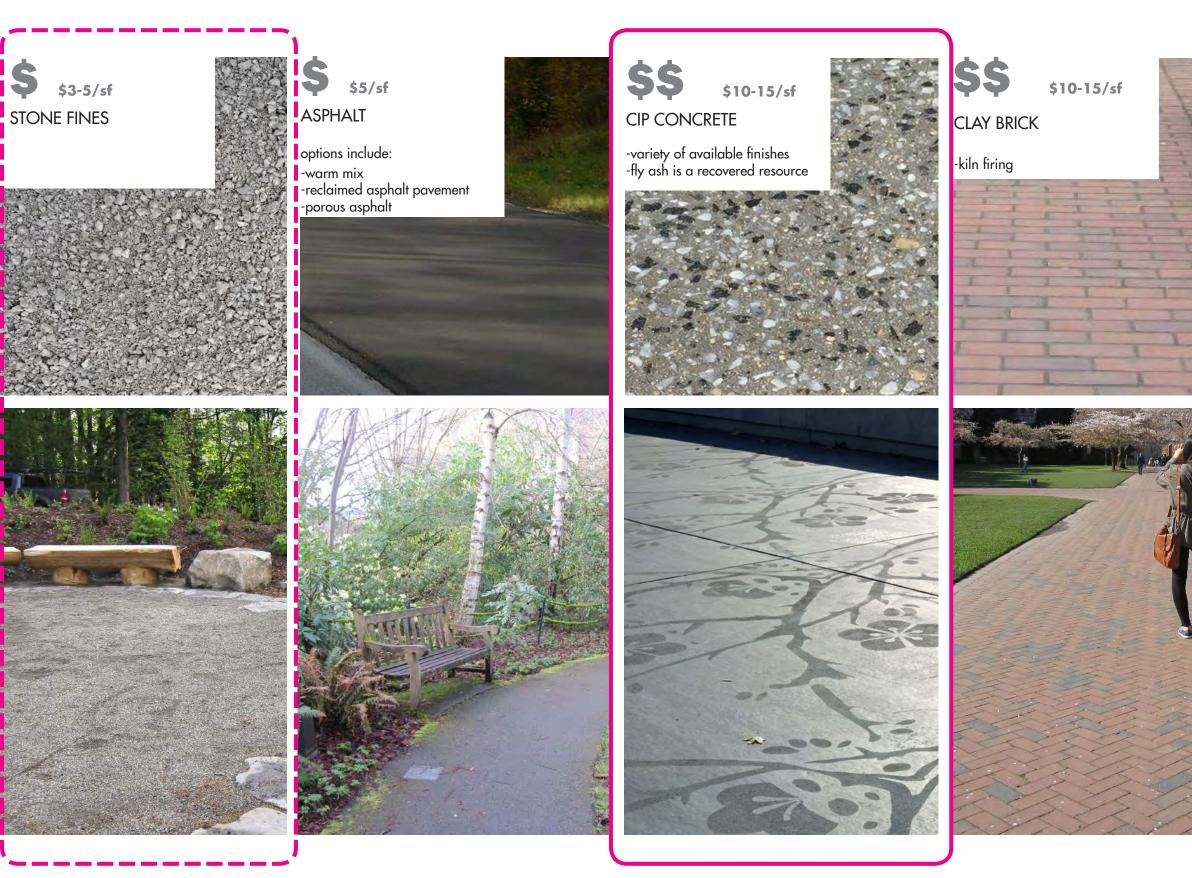
Clarkia amoena Farewell to Spring



Schoenoplectus tabernaemontaniFestuca rubraSoftstem BulrushFine Fescue Creeping Red



MATERIAL STUDY



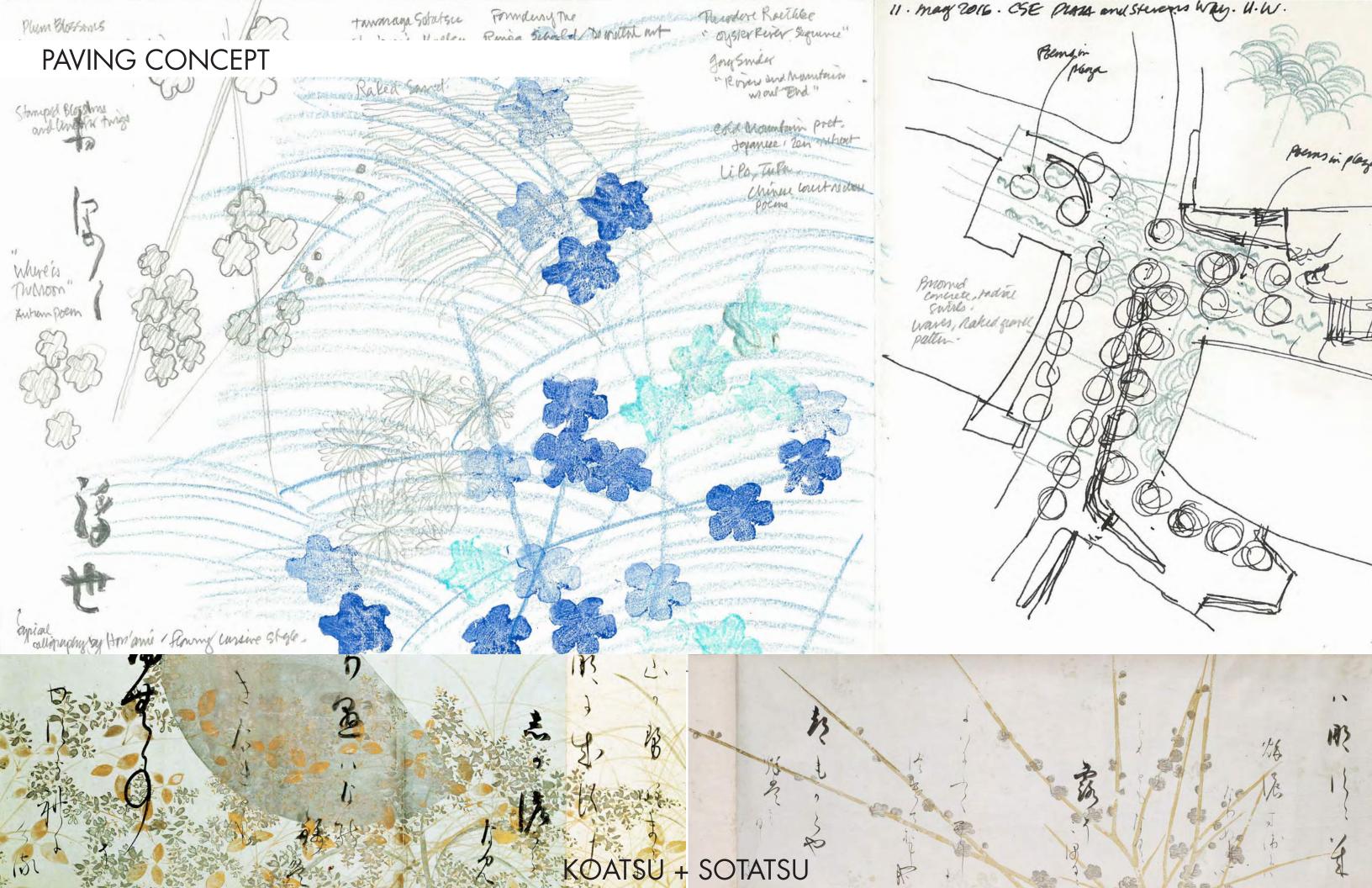




-durable -Post Industrial Recycled Content -Hanover: only manufacturer? (consider transport costs) -some have high SRI (to aid in reduction of heat island effect)









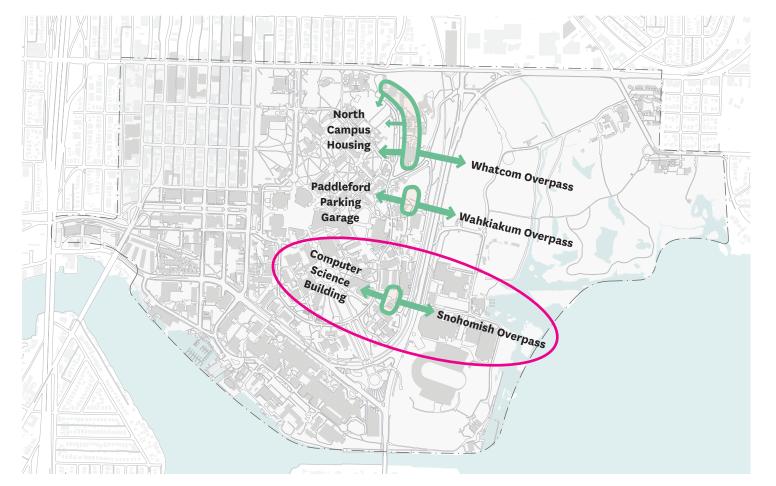
STORMWATER MANAGEMENT

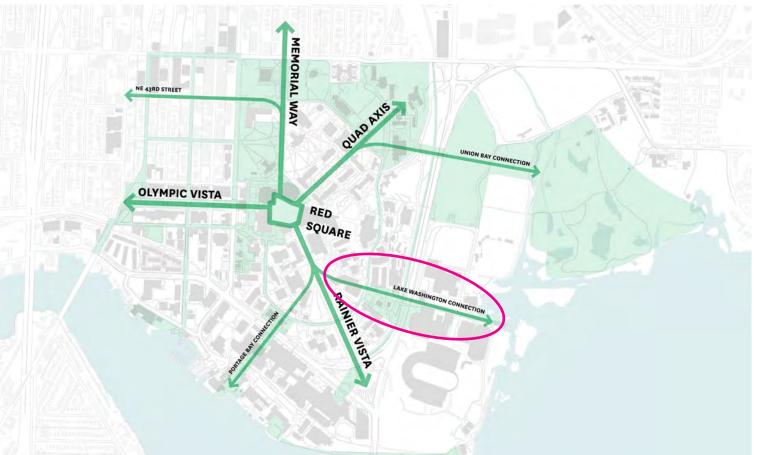




University of Washington Landscape Framework Michael Van Valkenburgh Associates | 09.09.2013

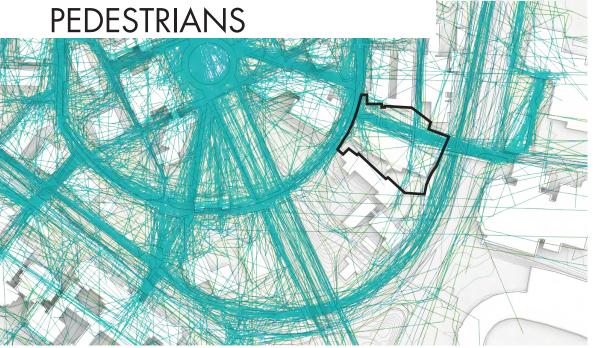
CAMPUS FRAMEWORK



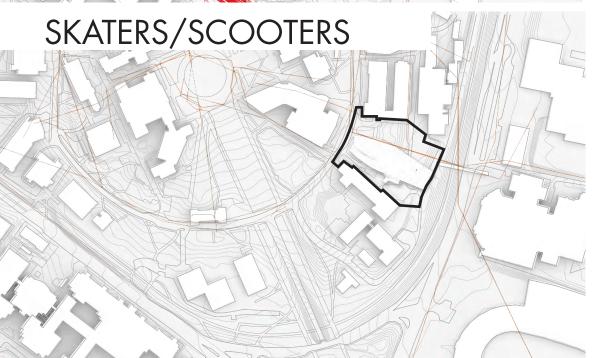












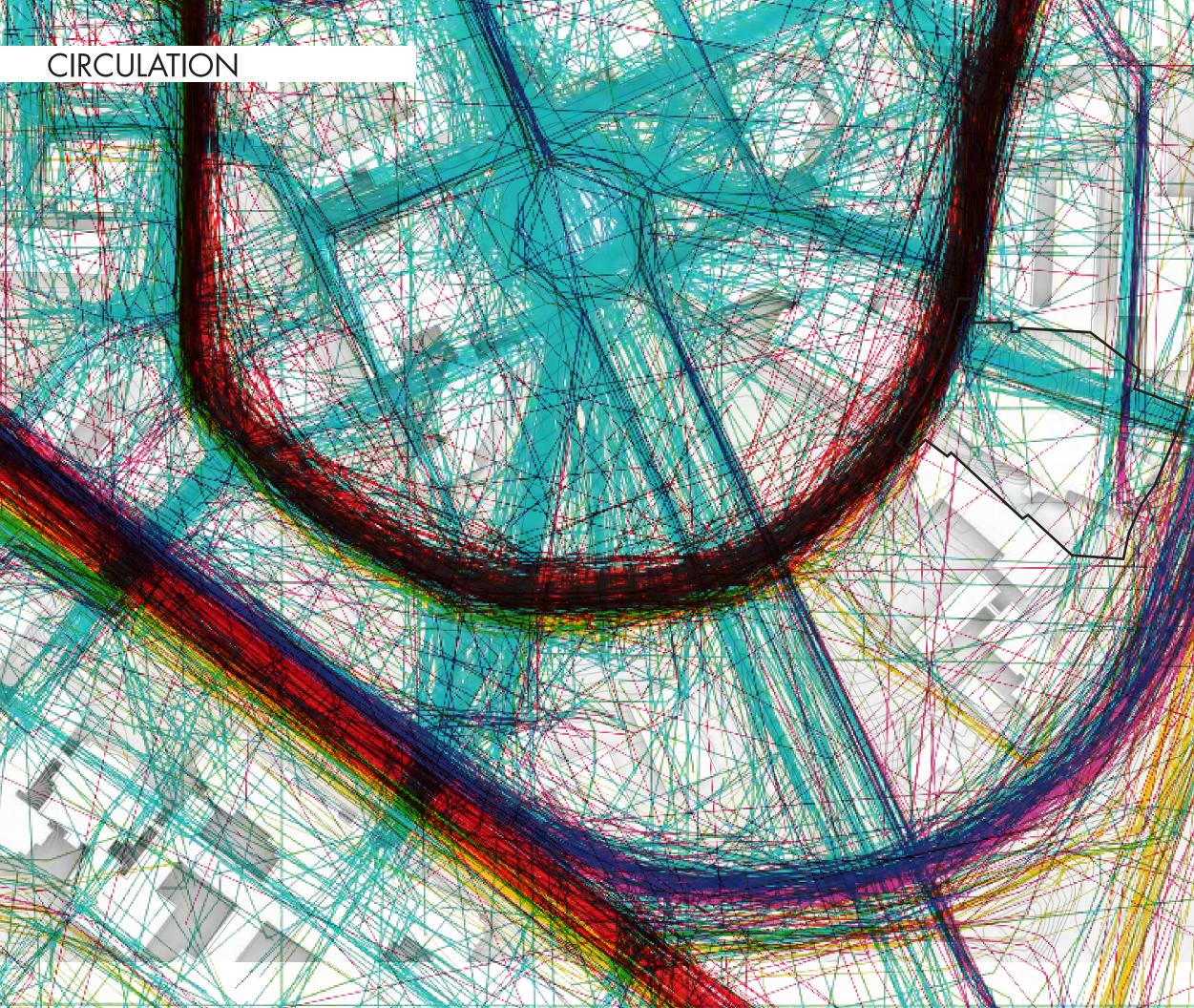




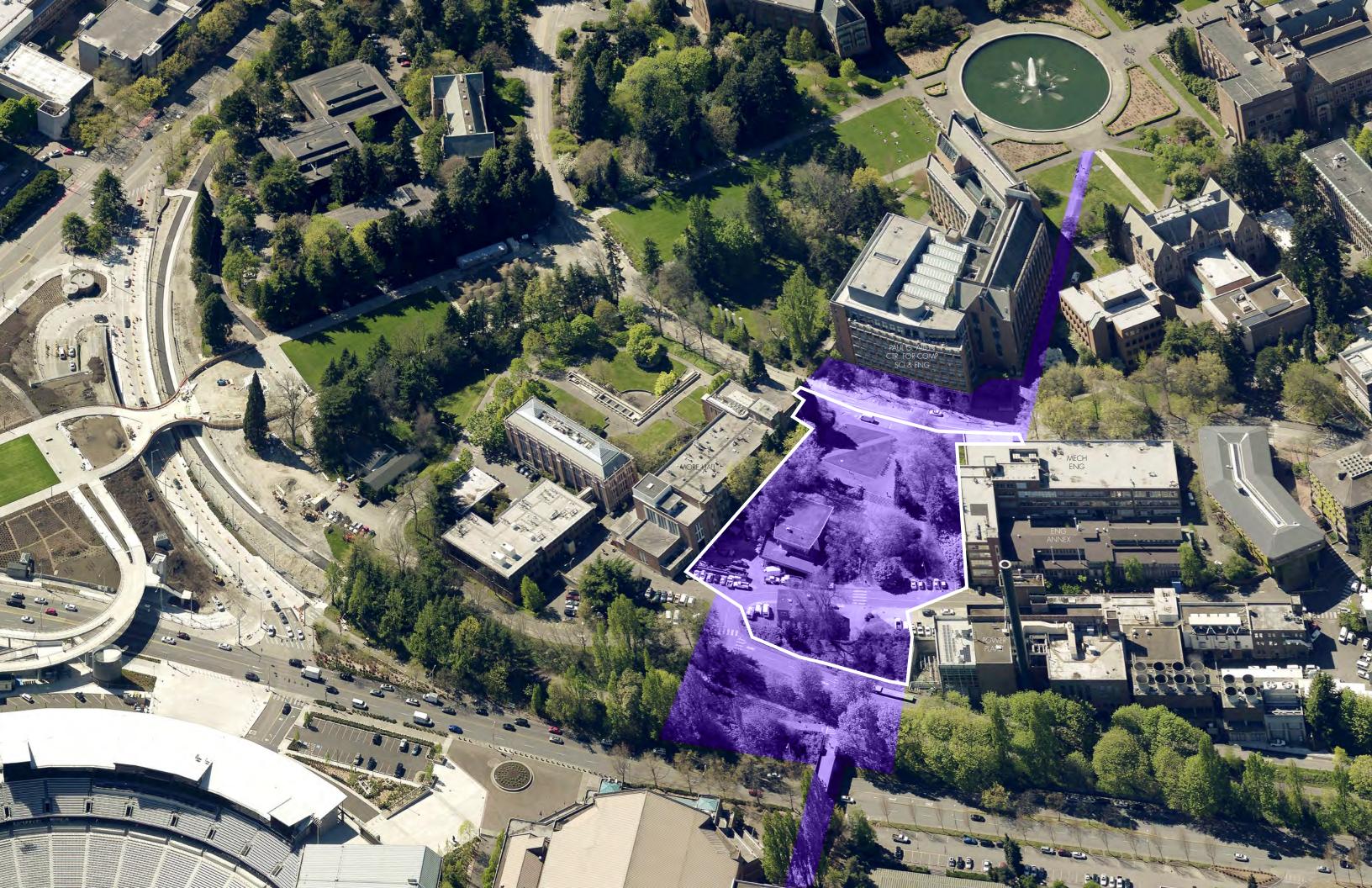


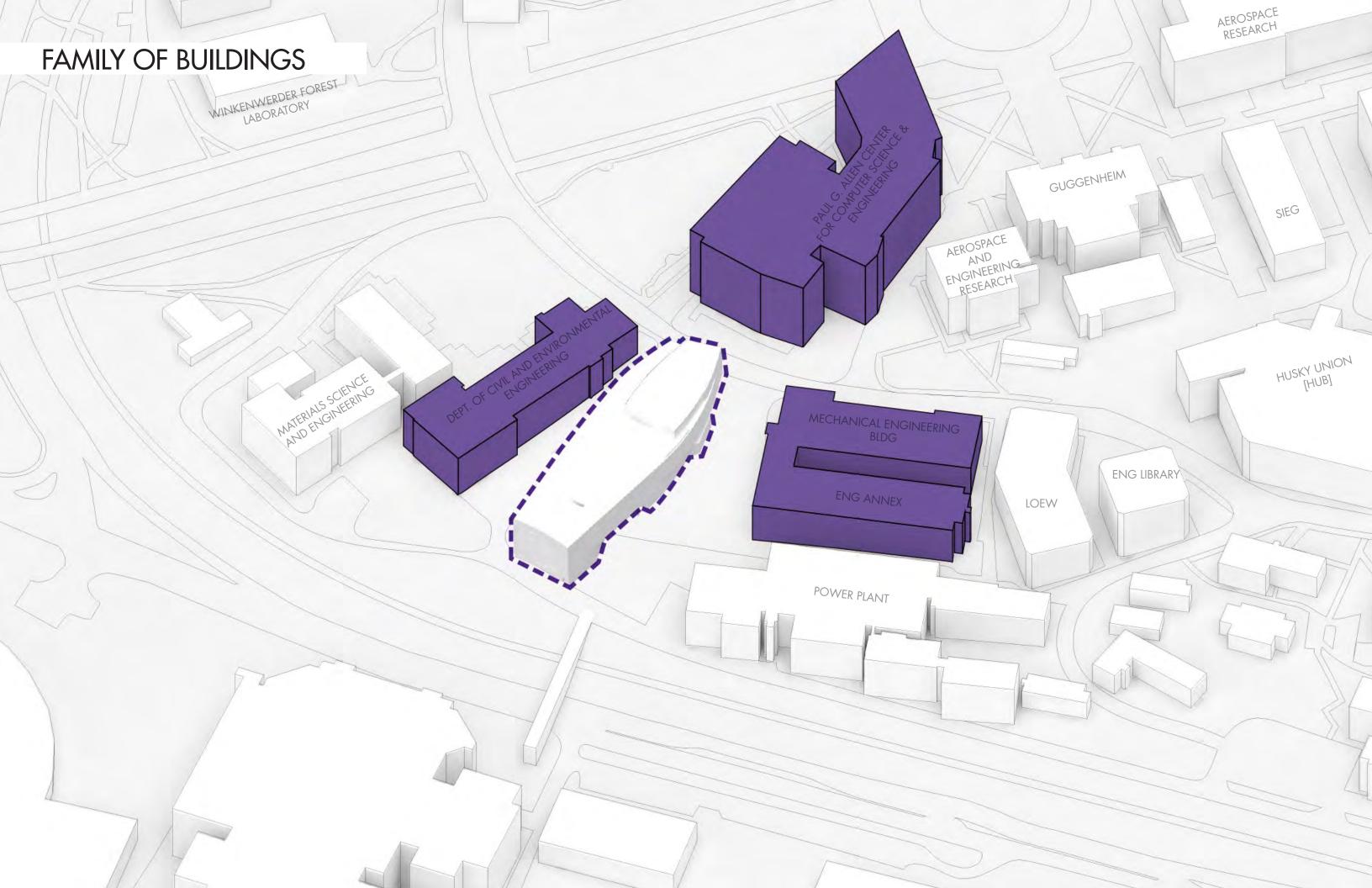
CLF Online Tool -University of Washington Mahlum Study http://depts.washington.edu/myplaces/ experiments/results3.php

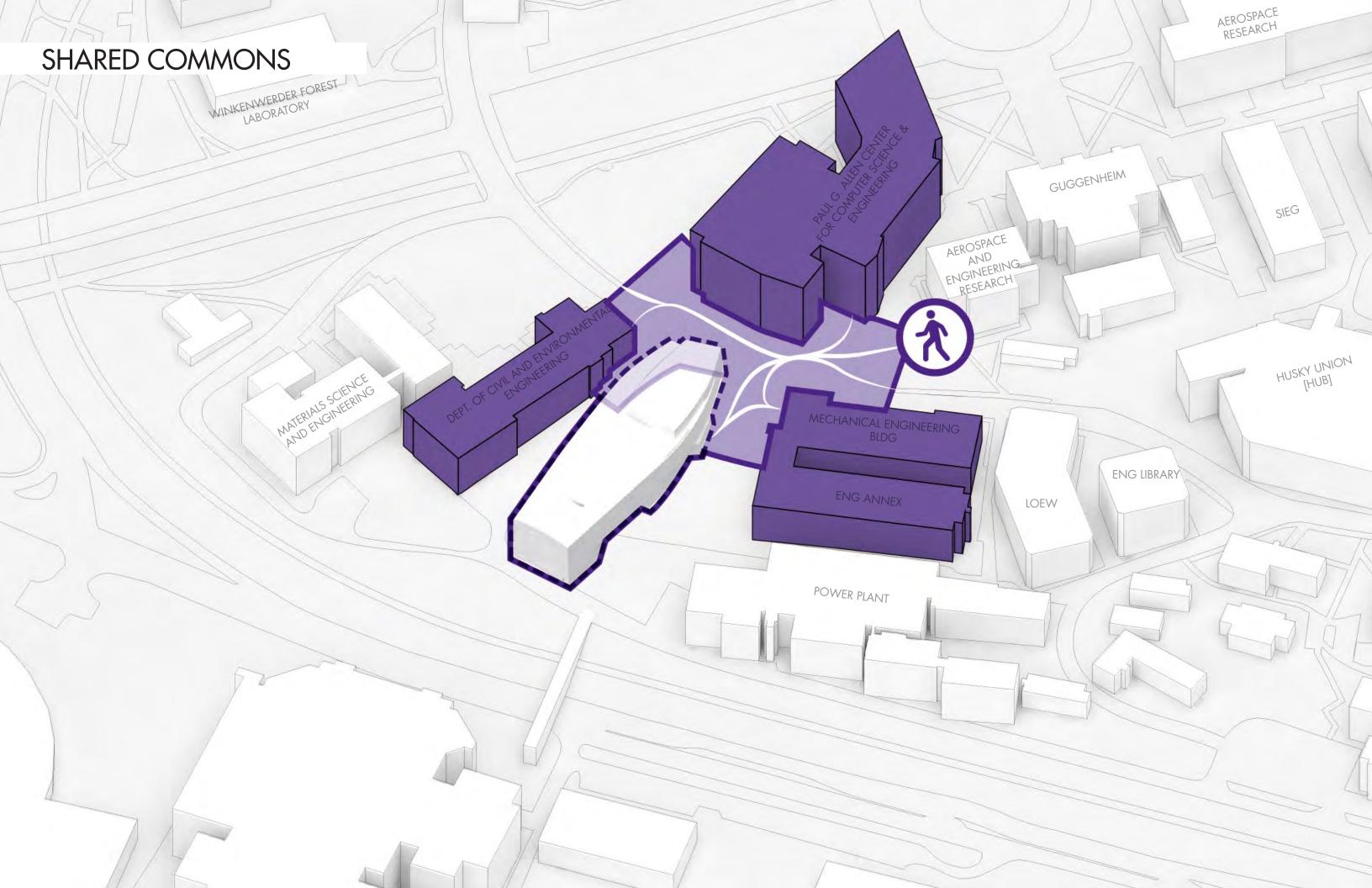
- Key location between wellused pedestrian routes
- Sandwiched between transit, car and bike routes.

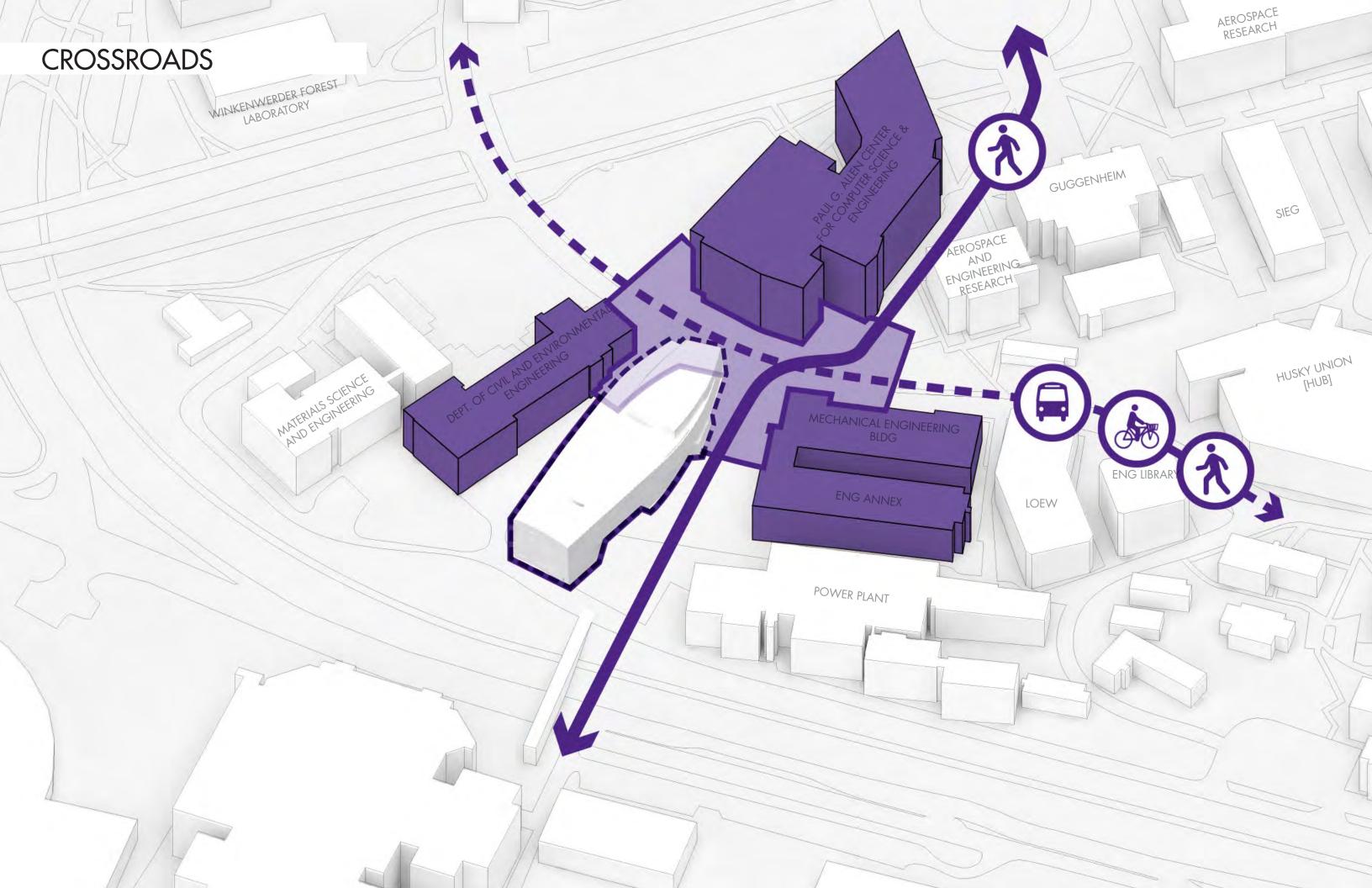


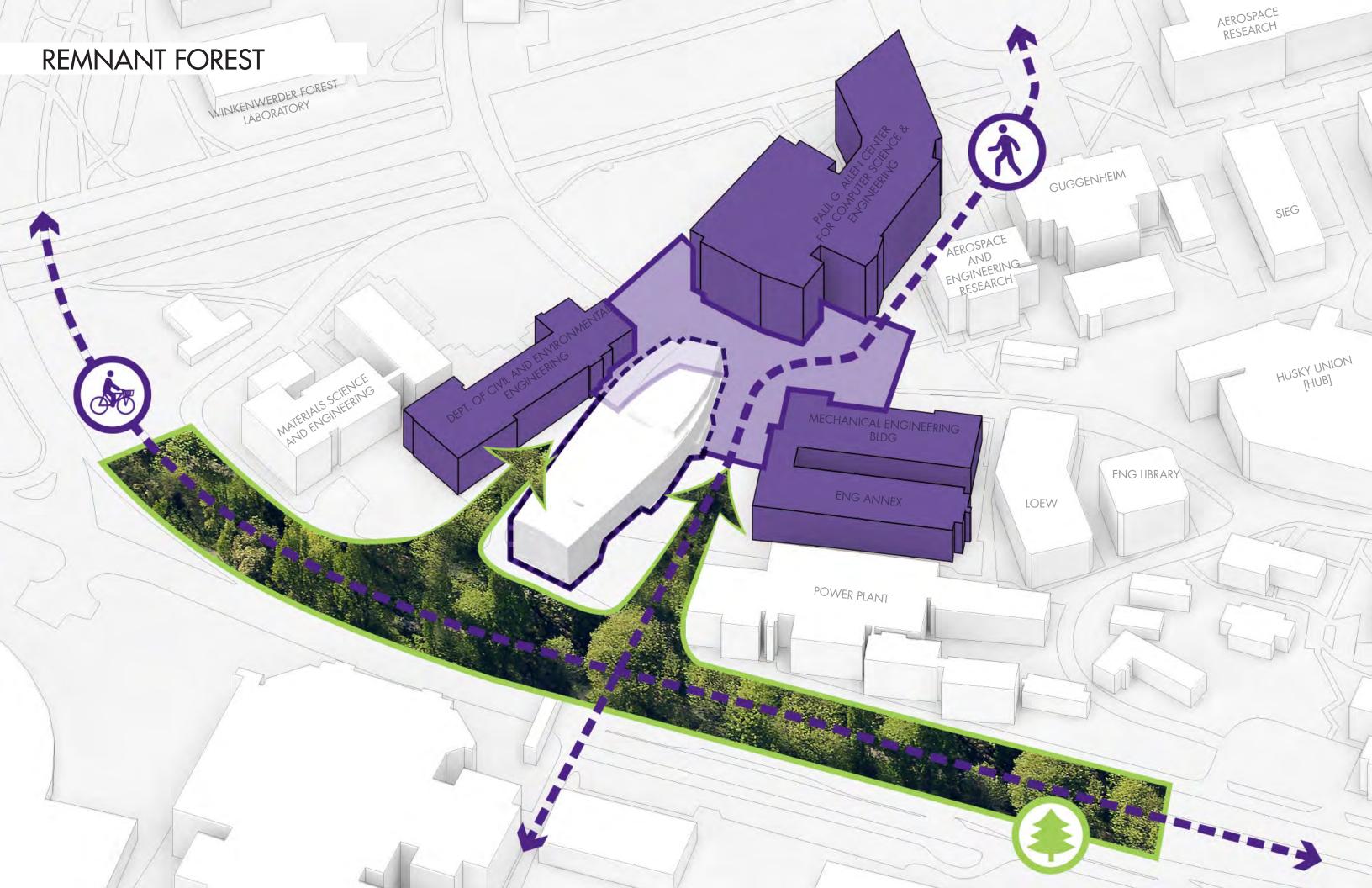
CLF Online Tool -University of Washington Mahlum Study http://depts.washington.edu/myplaces/ experiments/results3.php













PAVING CONCEPTS CONCRETE IMPRESSIONS



BRUSHED CONCRETE TEXTURE

WALKER ART CENTER | MINNEAPOLIS, MN, US

NORMAND PARK | LONDON, UK

KVAESTHUS | COPENHAGEN, DK



Snohomish - Sdoh-doh-hobsh The Coast Salish peoples recognized Salmon as beings spiritually superior to humanity.

Southern Lushootseed salmonoid vocabulary [edit]

sčədadxw

a word that covers all Pacific salmon and some species of trout. saćəb Chinook or King c'uwad sockeye salmon skwəxwic coho salmon λxway' chum salmon hədu the pink salmon skwawəl steelhead

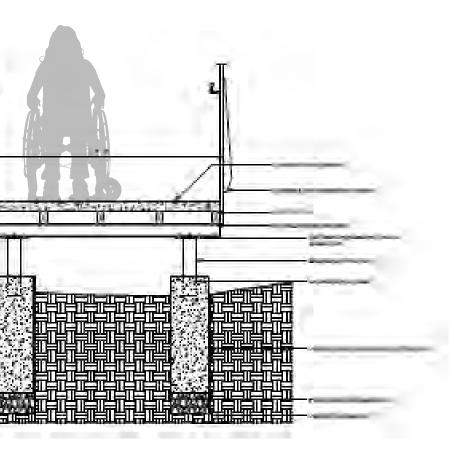




NESTED LAWN - ADA RAMP









STORMWATER MANAGEMENT



Seattle Infiltration Mapping - "feasibility not required"

INFEASIBILITY CRITERIA

- Full Dispersion Infiltration Trench Drywell Raingarden

- Permeable Pavement Surface
- Sheet Flow Dispersion
- Concentrated Dispersion
- Trench Downspout Dispersion



Vegetated Roof



- Infiltrating Bioretention

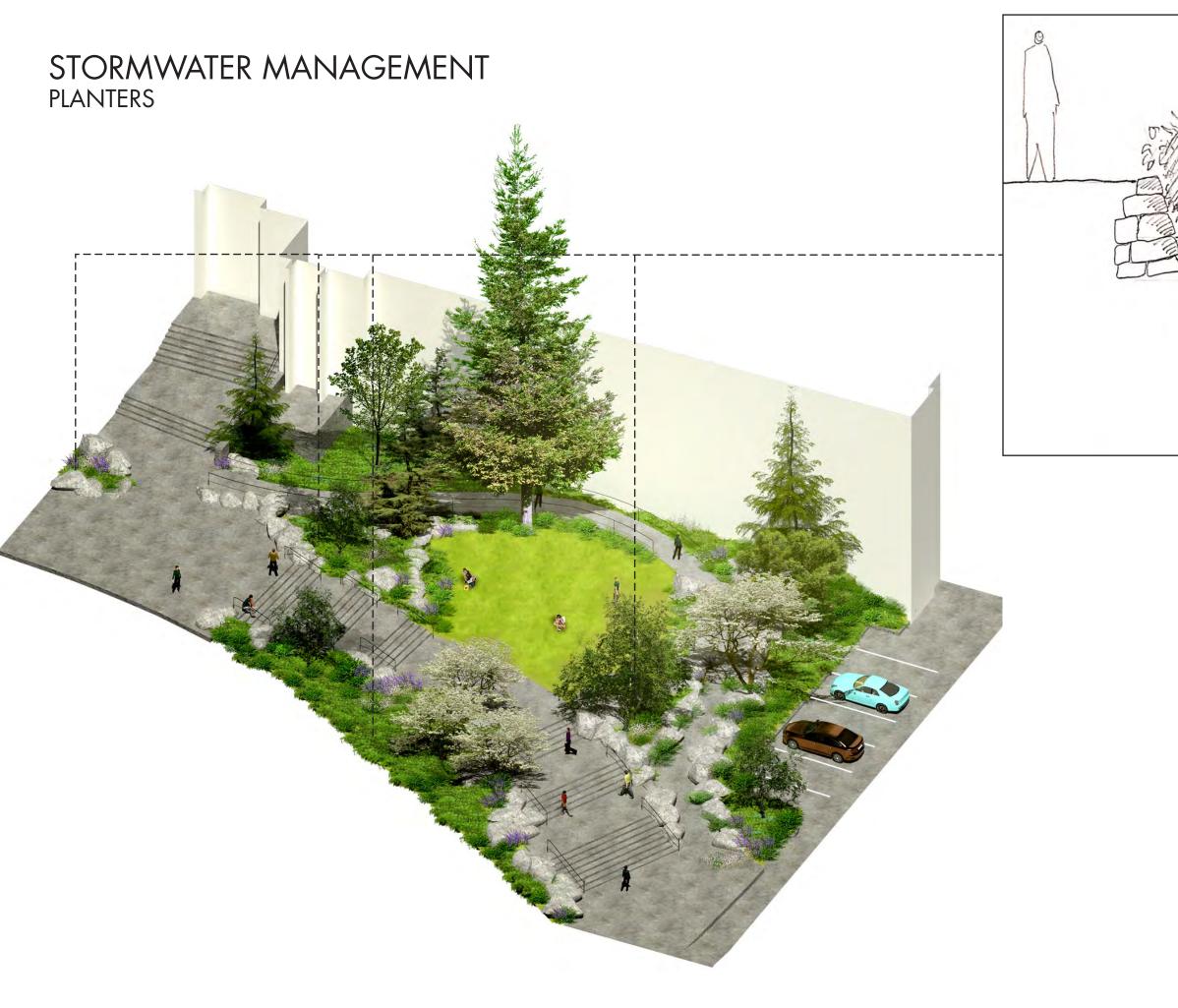
Rainwater Harvesting

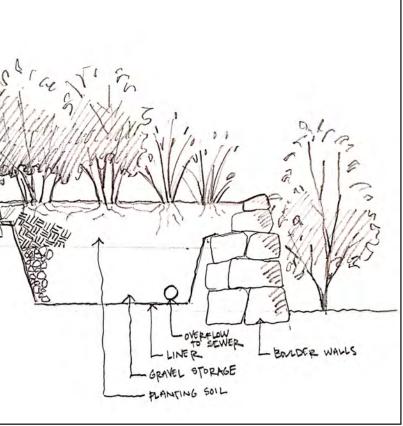
Pereable Pavement Facility

Splashback Downspout Dispersion

Non-Infiltrating Bioretention

- Single Family Residential Cistern
- Perforated Stub Out Connection







LOADING PARKING SPOTS EXISTING

UNERSCONSTRUCTION OF THE PARTY OF THE PARTY

SNOHOMISH LANE

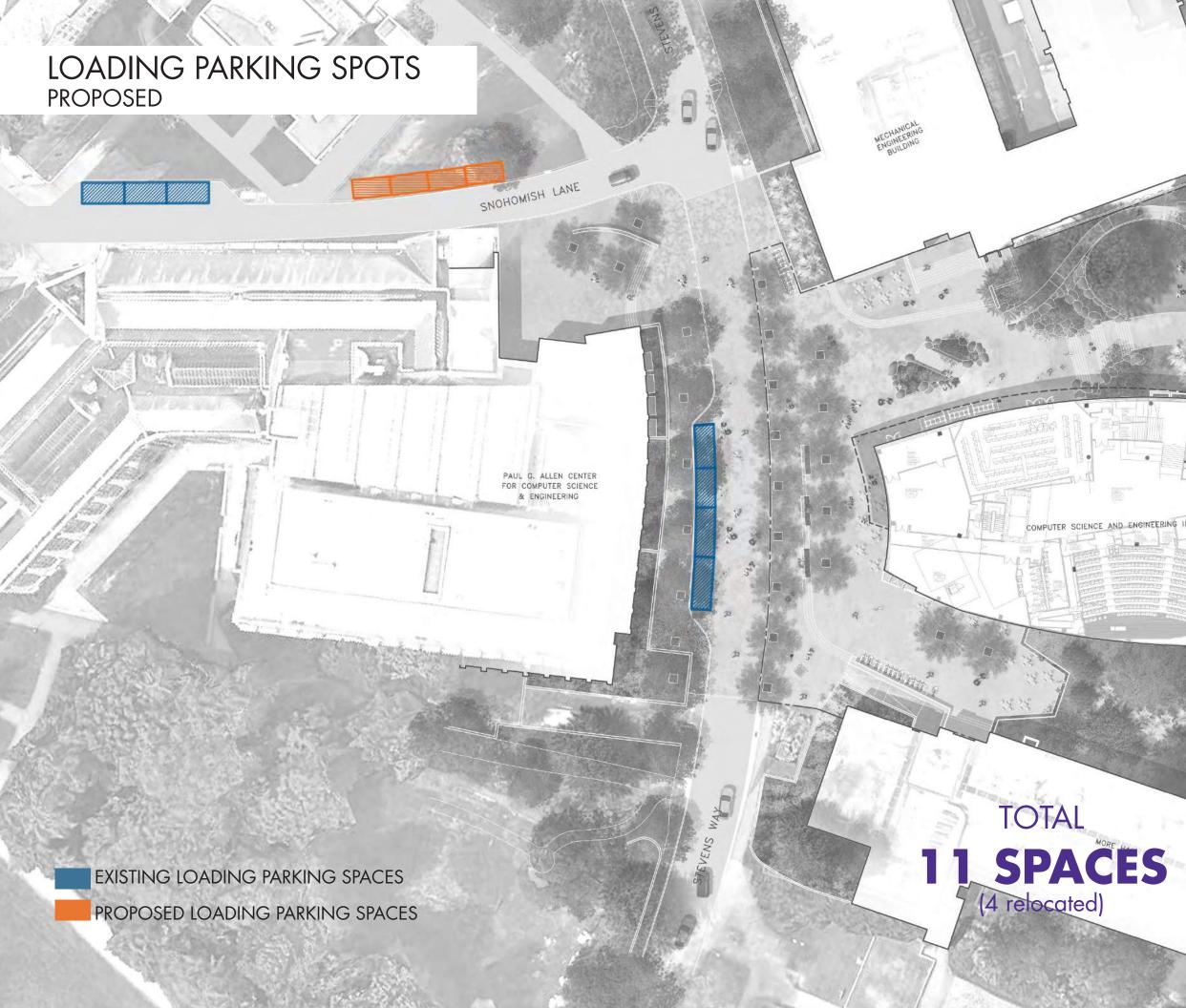
PAUL G. ALLEN CENTER FOR COMPUTER SCIENCE & ENGINEERING

WAY NS

EXISTING LOADING PARKING SPACES

TOTAL SPACES 14







LOADING PARKING SPOTS PROPOSED

LINGELING STREET

SNOHOMISH LANE

PAUL G. ALLEN CENTER FOR COMPUTER SCIENCE & ENGINEERING

VS WAY

EXISTING LOADING PARKING SPACES PROPOSED LOADING PARKING SPACES



