

# Preliminary CMP Update

December 07, 2015



- 1 CONTEXT**
- 2 GROWTH PROFILE**
- 3 INDUSTRY & INNOVATION**
- 4 CAMPUS FRAMEWORK**
- 5 CAMPUS PRECINCTS**
- 6 SYNTHESIS**

# 1 CONTEXT

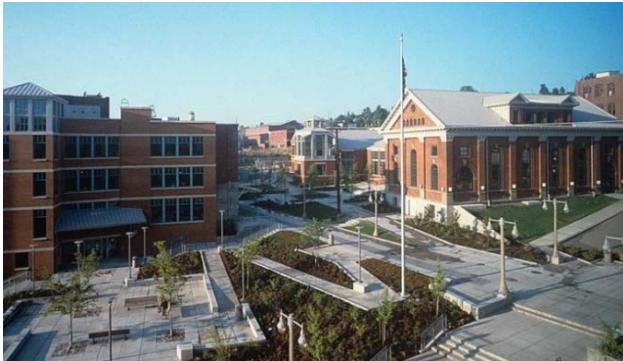
# Regional Context



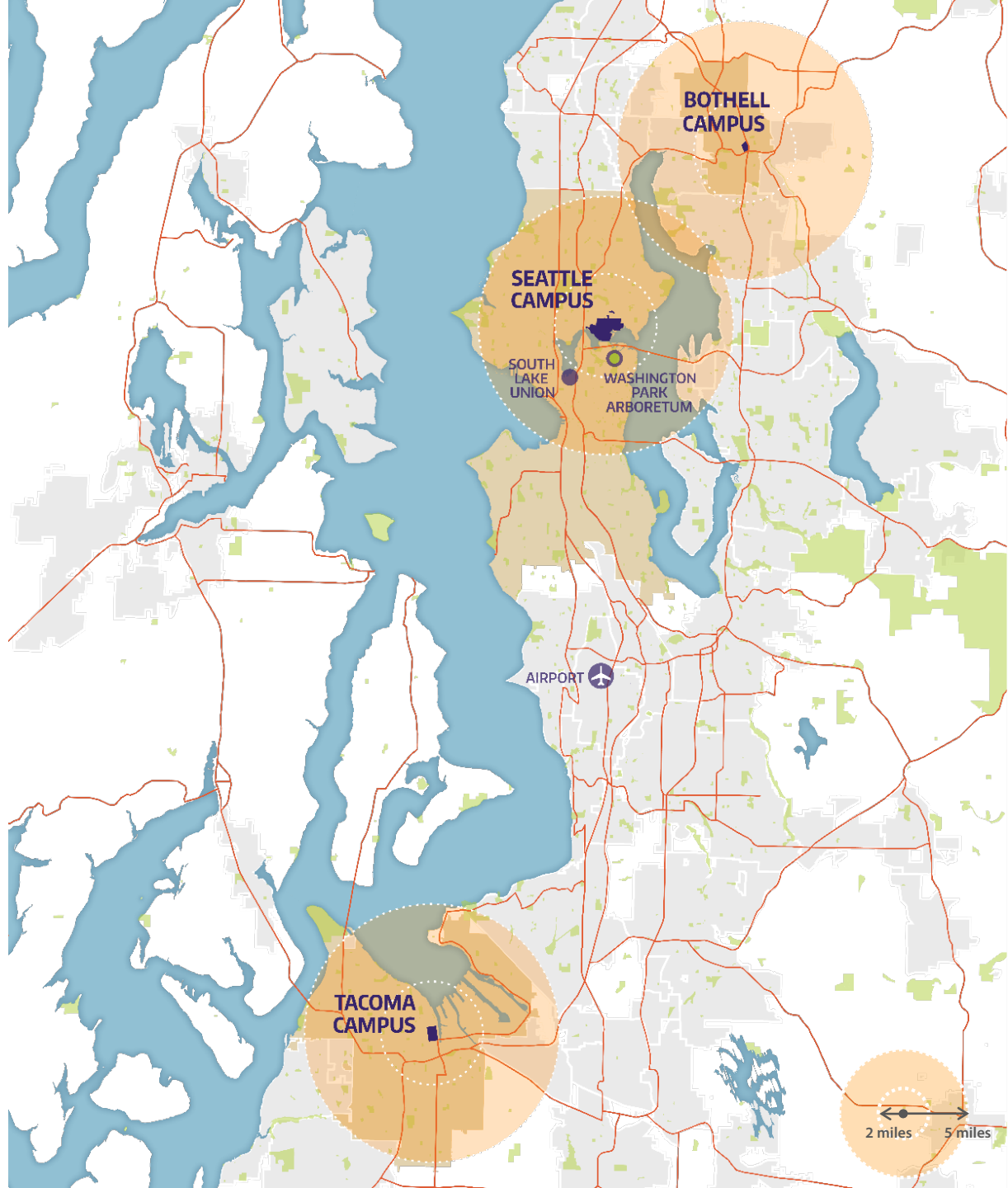
**UW BOTHELL**



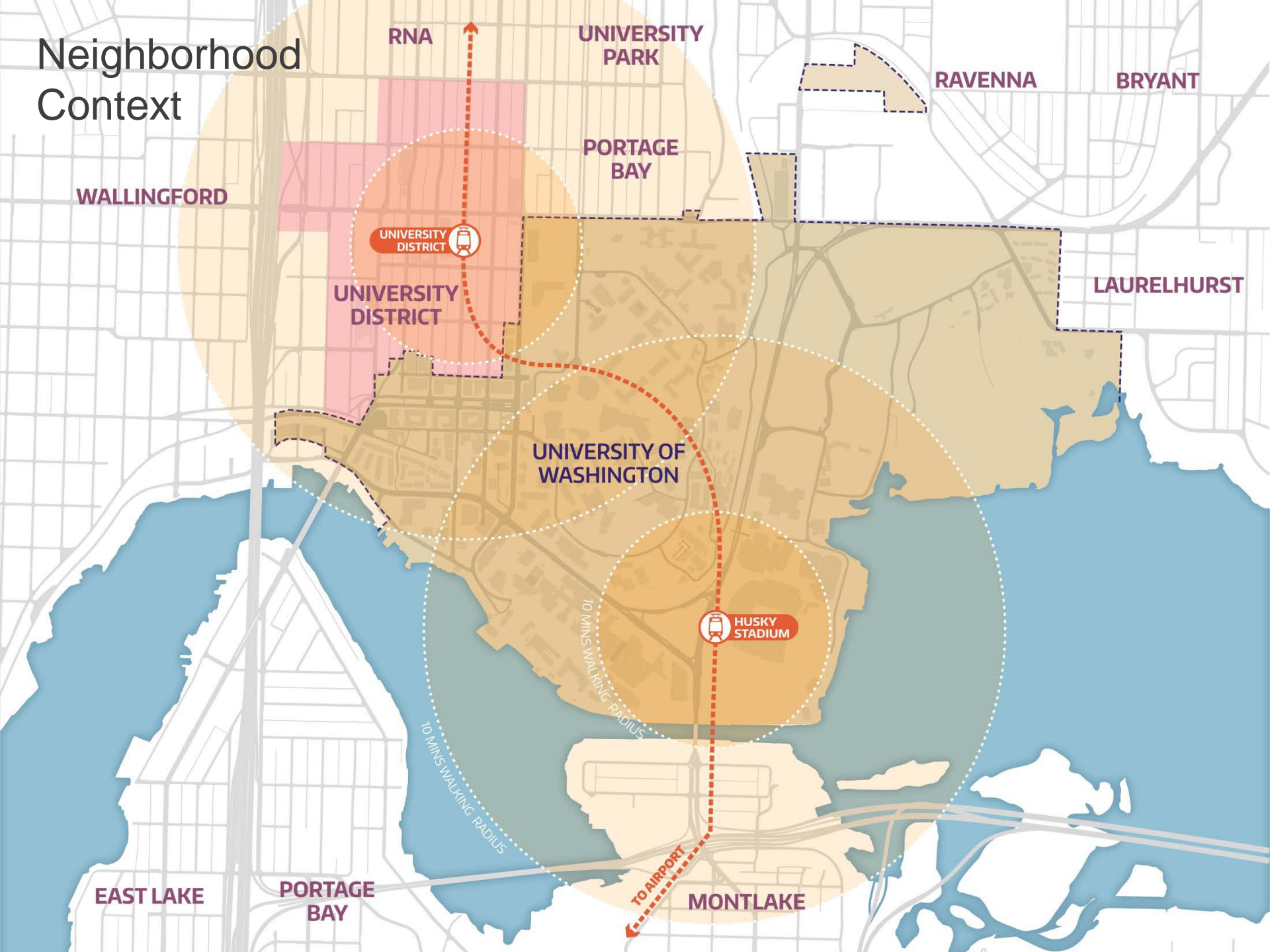
**UW SEATTLE**



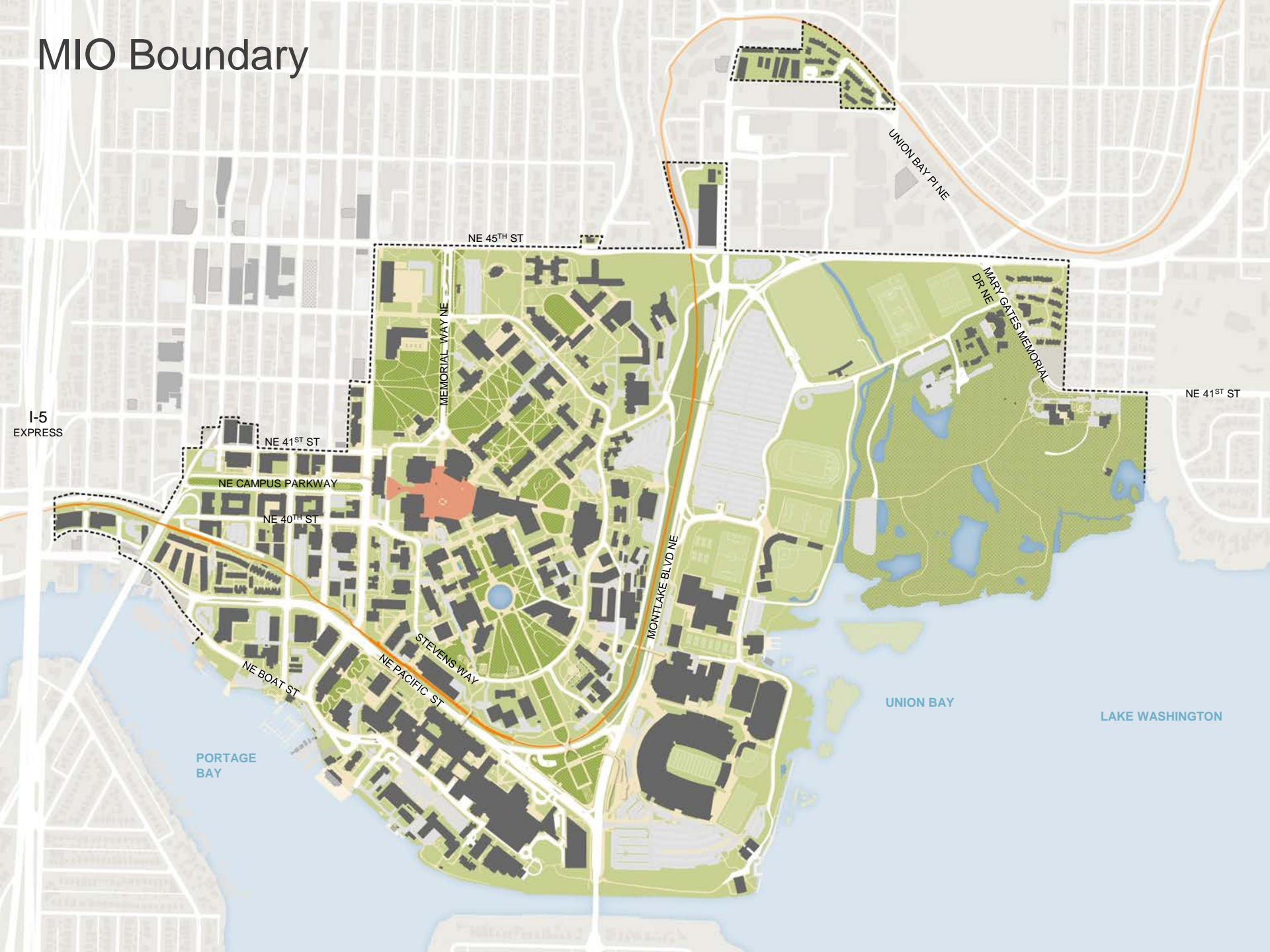
**UW TACOMA**



# Neighborhood Context



# MIO Boundary



I-5  
EXPRESS

NE 45<sup>TH</sup> ST

MEMORIAL WAY NE

NE 41<sup>ST</sup> ST

NE CAMPUS PARKWAY

NE 40<sup>TH</sup> ST

PORTAGE  
BAY

NE BOAT ST

STEVENS WAY

NE PACIFIC ST

MONTLAKE BLVD NE

UNION BAY

LAKE WASHINGTON

UNION BAY PINE

MARY GATES MEMORIAL  
DR NE

NE 41<sup>ST</sup> ST

# MIO Boundary



# 2 GROWTH PROFILE

**enrollment trends**

**space needs model**

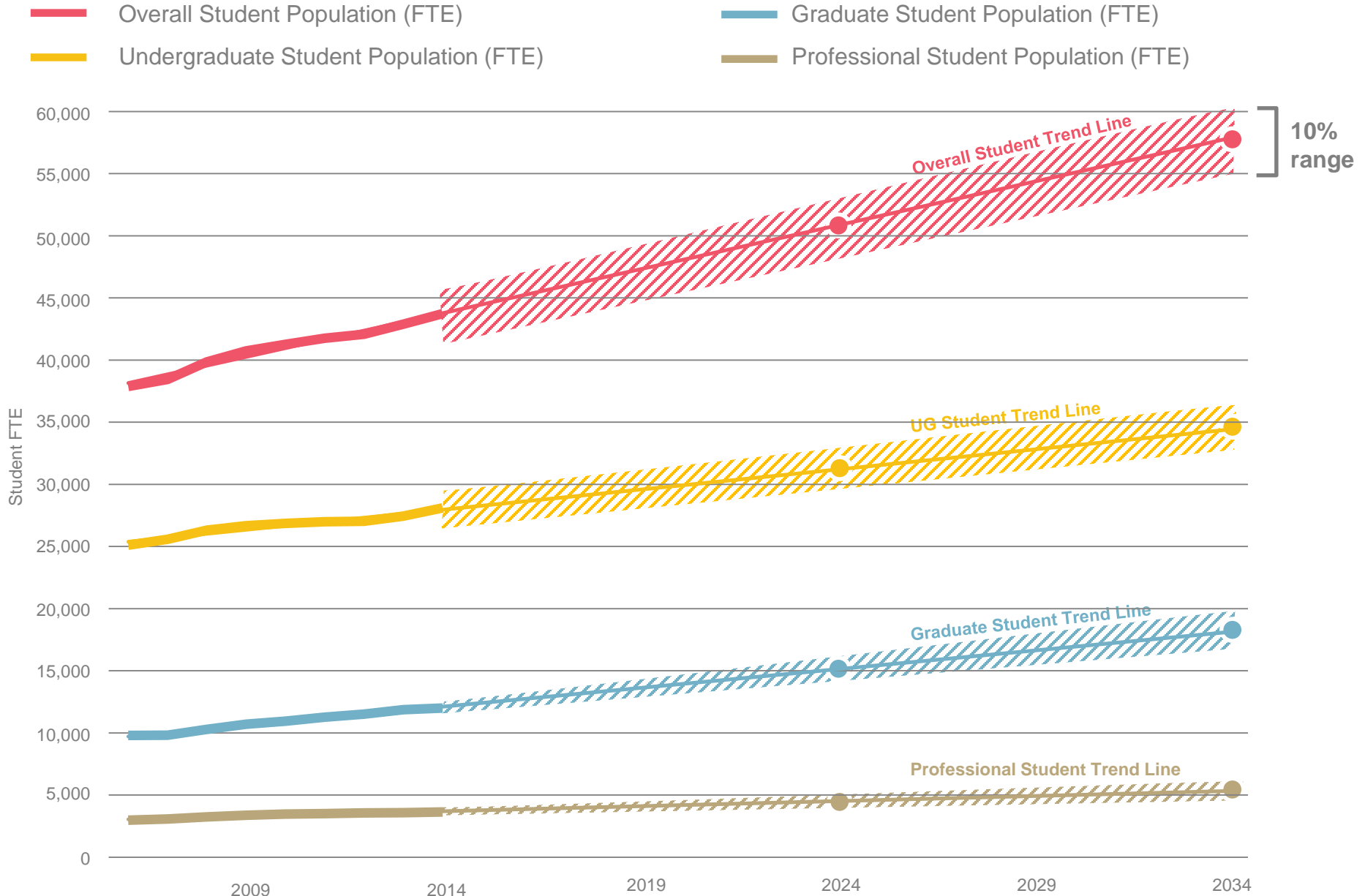
**benchmarking**

**industry case studies**



# enrollment trends

# Enrollment Trends by Student Population

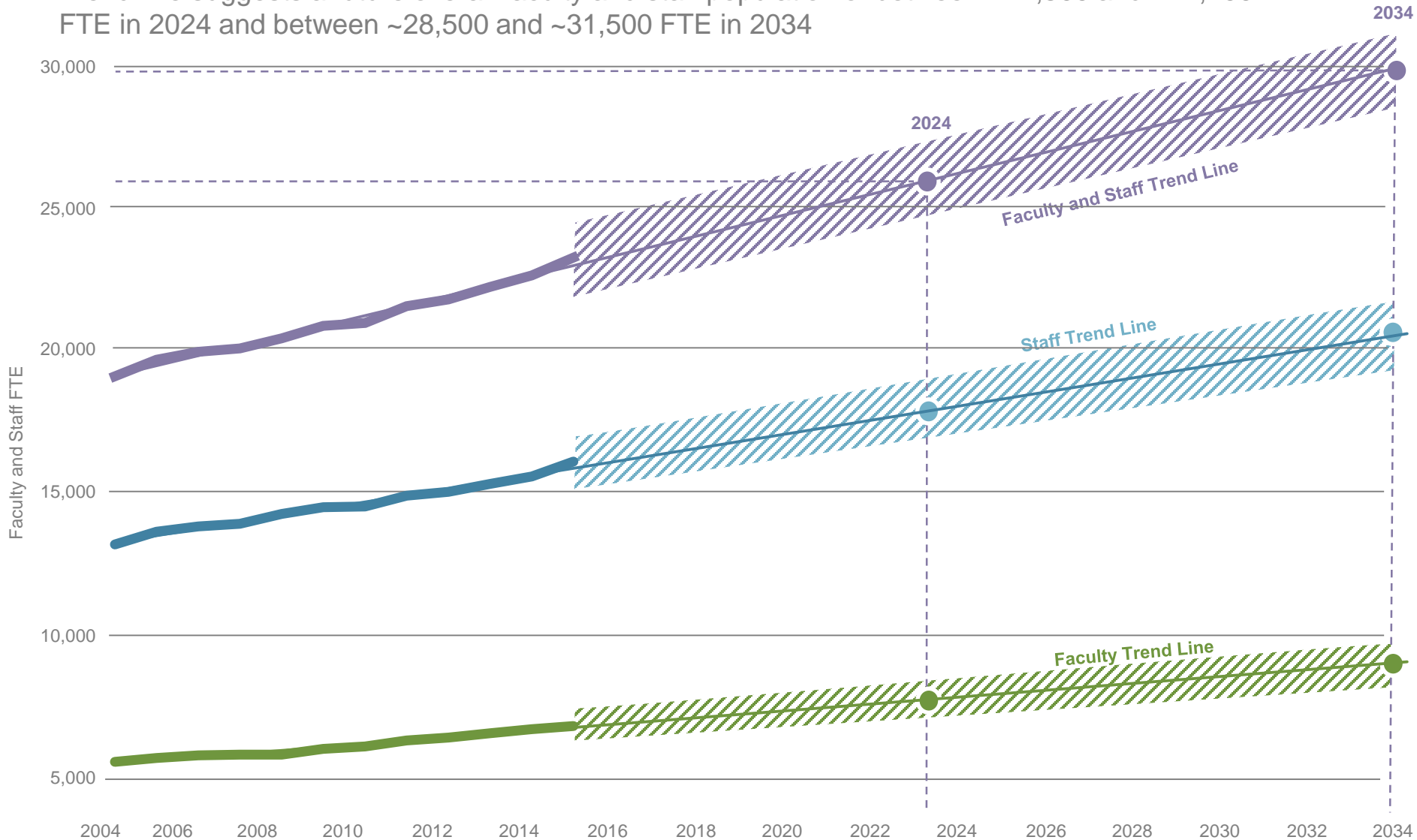


Source: Office of Institutional Analysis, UW Seattle FTE Enrollment by Level

# Enrollment Trends – Faculty and Staff

: Faculty and staff FTE grew by 16% between 2006 and 2014 (3,160 FTE)

: Trend line suggests a future overall faculty and staff population of between ~24,500 and ~27,100 FTE in 2024 and between ~28,500 and ~31,500 FTE in 2034



Source: HRIS, numbers are Seattle Campus and UWMC and are FTE Sums

# Enrollment Summary

## Current Enrollment

- : Students: 46,100 FTE, Fall 2015
- : Faculty/Staff: 20,600 FTE, Fall 2015

## Significant growth projected across all populations

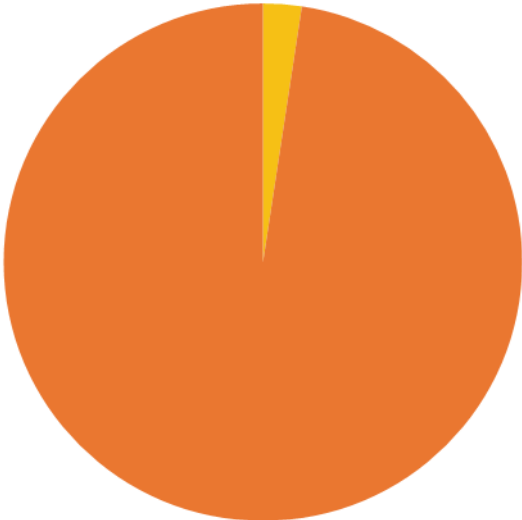
- : Students: Range from about 50,000 FTE by 2024; 57,500 FTE by 2034
- : Faculty: between 7,100 and 7,700 FTE by 2024; between 8,100 and 9,000 FTE by 2034
- : Staff: between 16,600 and 18,200 FTE by 2024; between 19,400 and 21,400 FTE by 2034

The CMP will test a range of growth projections

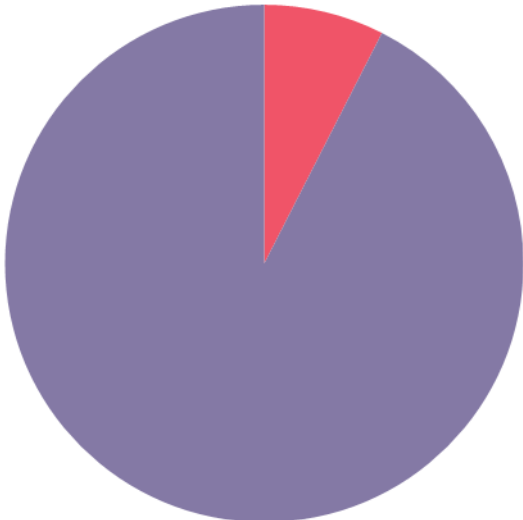
# **space needs model**

# Overall Existing Space

Total UW Seattle Built Space ~18,300,000 GSF



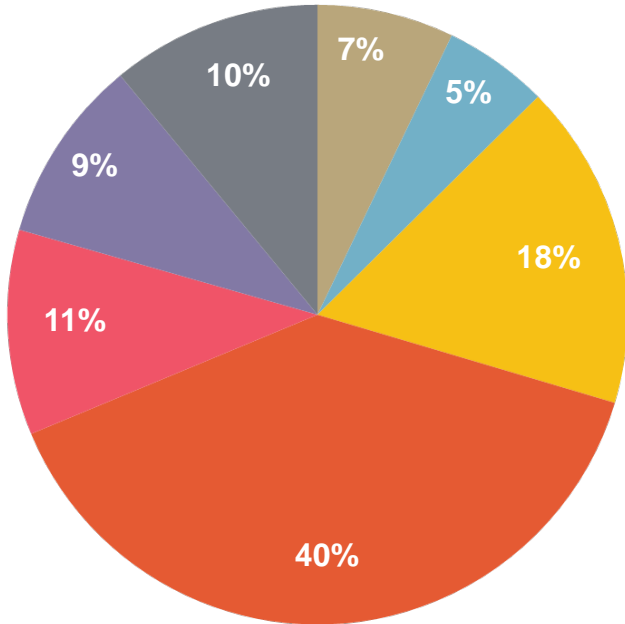
98% (17,600,000 GSF)  
Owned by UW



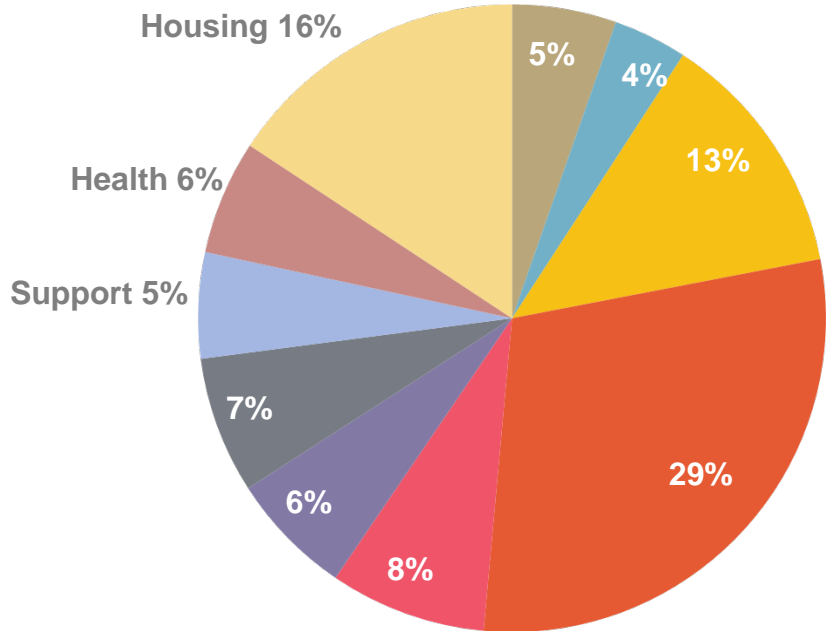
92% (16,600,000 GSF)  
Inside the Major Institutional Overlay (MIO)

# Existing Space Breakdown

## CORE SPACE



## ALL SPACE



- Classrooms (454,000 ASF)
- Teaching Labs (322,000 ASF)
- Research Labs (1,083,000 ASF)
- Office (2,492,000 ASF)
- Study / Library (682,000 ASF)
- Recreation (540,000 ASF)
- Student Life (596,000 ASF)

# Methodologies for Assessing Space Need

1. Space Needs Model
2. Development history / Projection analysis
3. Benchmarking
4. Industry and Innovation



# Space Needs Model

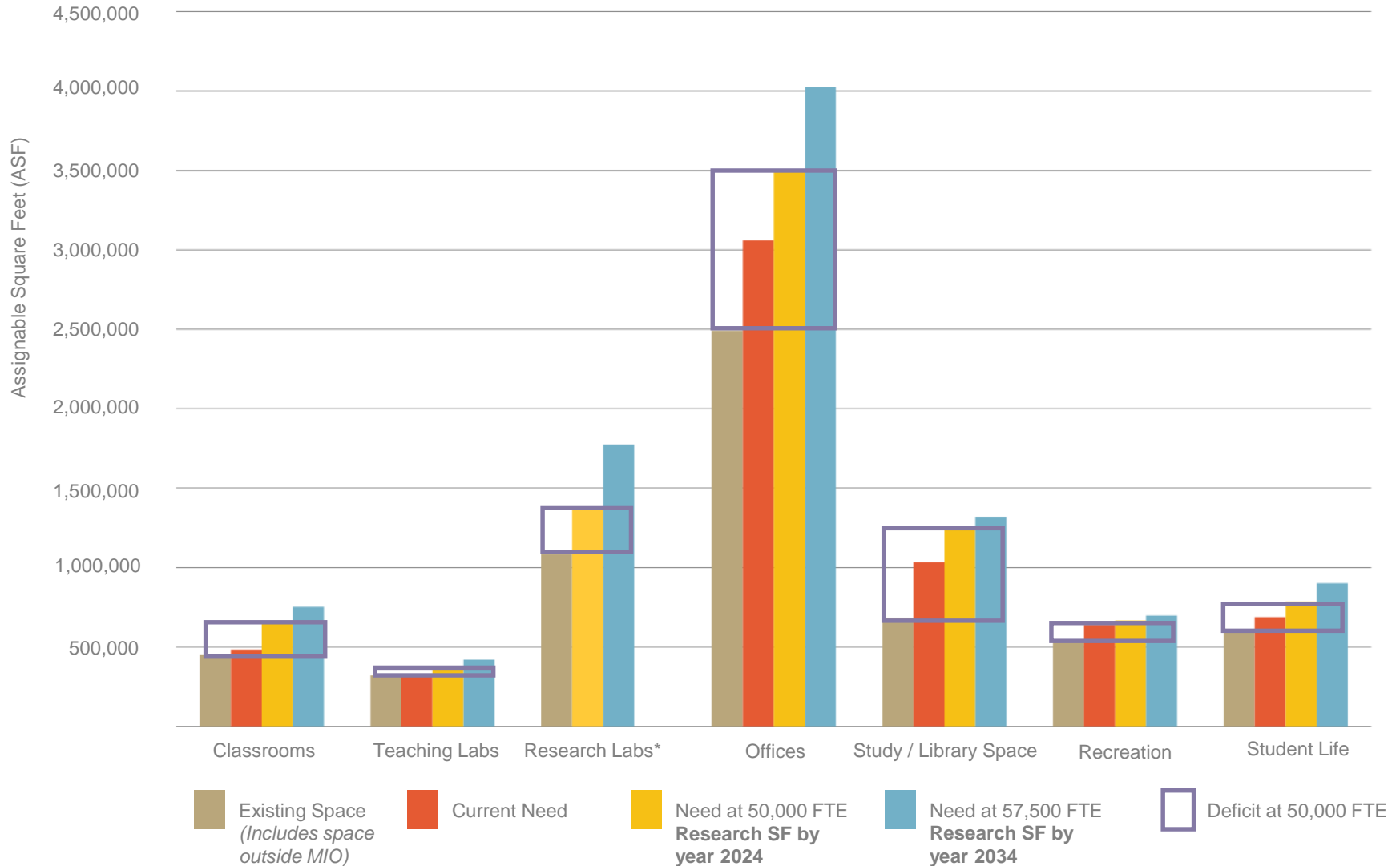
## Background and Inputs

- : Projects space need for a number of higher education space categories
- : Model is based upon national space guidelines
- : Inputs include:
  - › UW student, faculty and staff counts
  - › WSCH for instructional spaces
  - › Best practices for station sizes
  - › Assumptions around utilization and occupancy levels
- : Does not assess industry and innovation spaces

## Existing Space

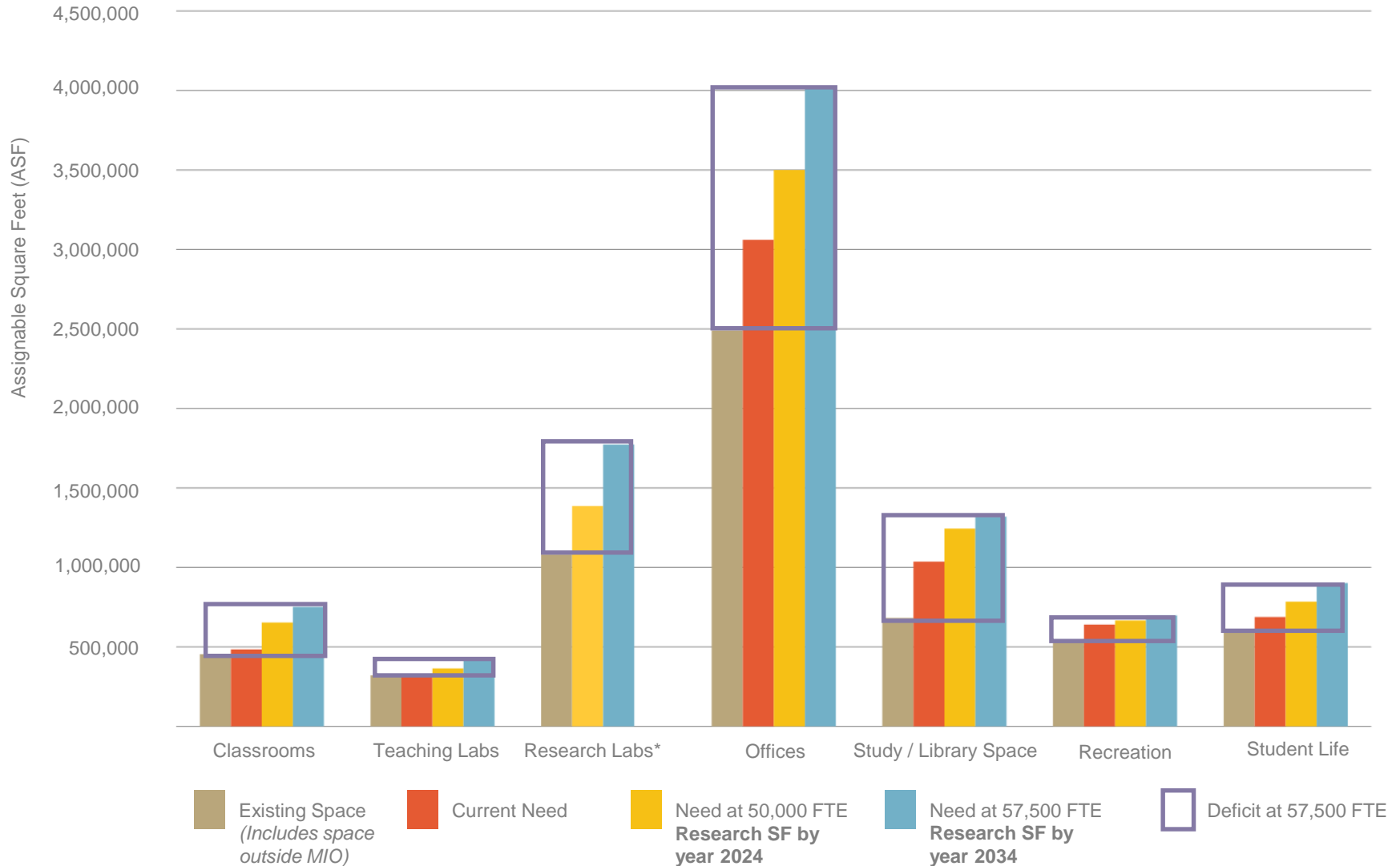
- : Captures a 2014 snapshot of existing space
- : Excludes all parking facilities, both underground and structured
- : Represents assignable square feet, not gross square feet

# Deficit at 50,000 Student FTE (3,400,000 ASF / 5,200,000 GSF)\*



\*Research assumes 2.5% growth annually, Research is not dependent on FTE but is included as part of the ASF/GSF totals for the purpose of this exercise.

# Deficit at 57,500 Student FTE (4,800,000 ASF / 7,400,000 GSF)\*



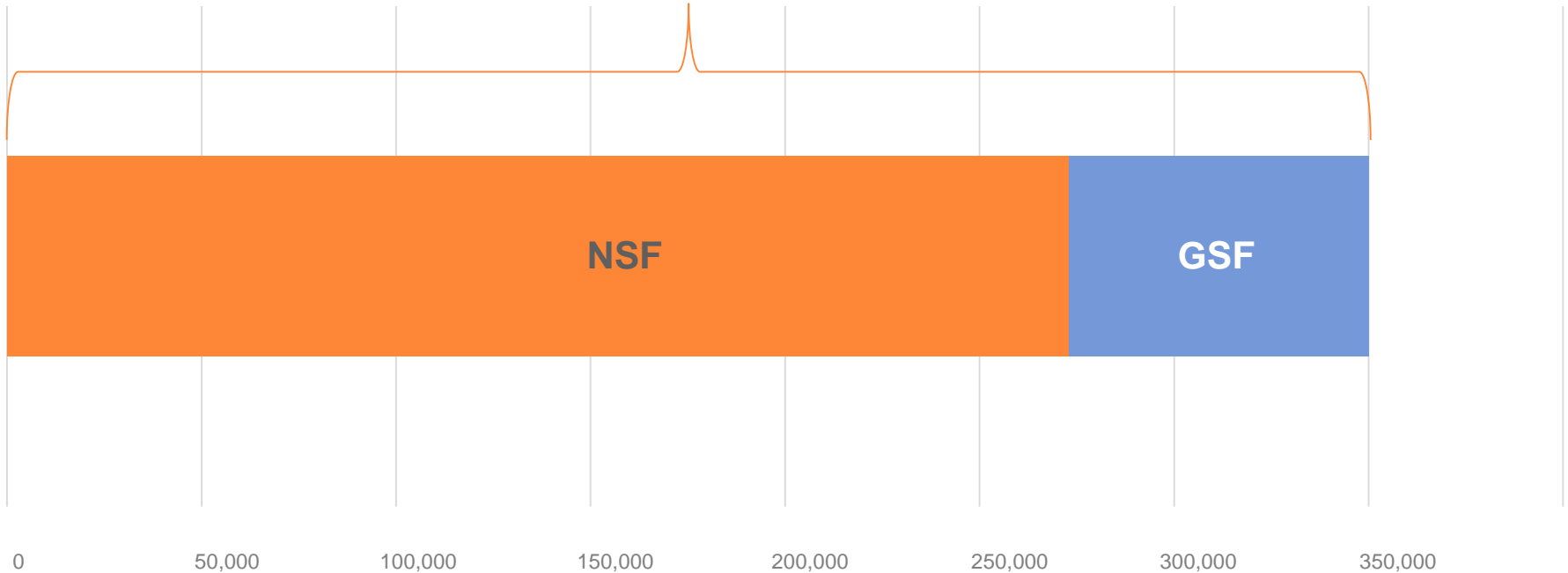
\*Research assumes 2.5% growth annually, Research is not dependent on FTE but is included as part of the ASF/GSF totals for the purpose of this exercise.

# Housing

1,000 beds @ 350 GSF per bed = 350,000 GSF

*Allocation assumes suite dormitory configuration*

78% efficiency



## TEST AT CURRENT RESIDENTIAL RATIO (20% of Student FTE):

- For a population of 50,000 Student FTE at current ratio: 700 beds @ 350 GSF per bed = 245,000 GSF
- For a population of 57,500 Student FTE at current ratio: 2,200 beds @ 350 GSF per bed = 770,000 GSF

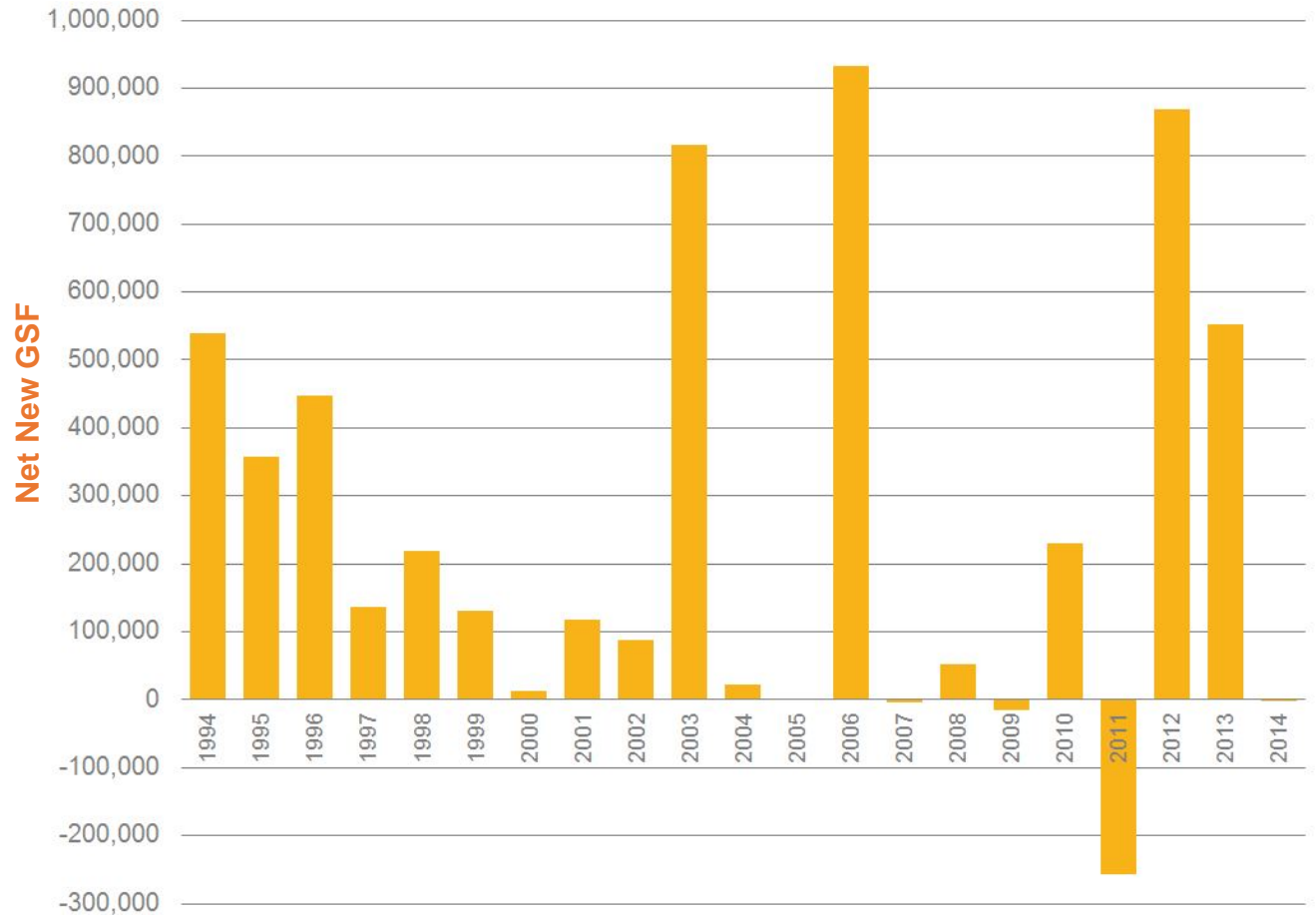
# Development History / Projection Analysis

Development history reflects periods of growth and restraint

On average, the UW introduced roughly:

- : **250,000 Net GSF per year, taking into account buildings that were demolished**
- : **290,000 GSF per year of new construction**

If the University was to grow by the same rate it has over the last 10 years, it would suggest a need for ~5.8M GSF of new construction over the next 20 years



**benchmarking**

# Benchmarking

Another lens to situate the University's existing space relative to other higher education institutions, including **peers institutions**:

- : University of Michigan
- : University of Texas at Austin
- : Ohio State University
- : Rutgers University
- : Johns Hopkins University

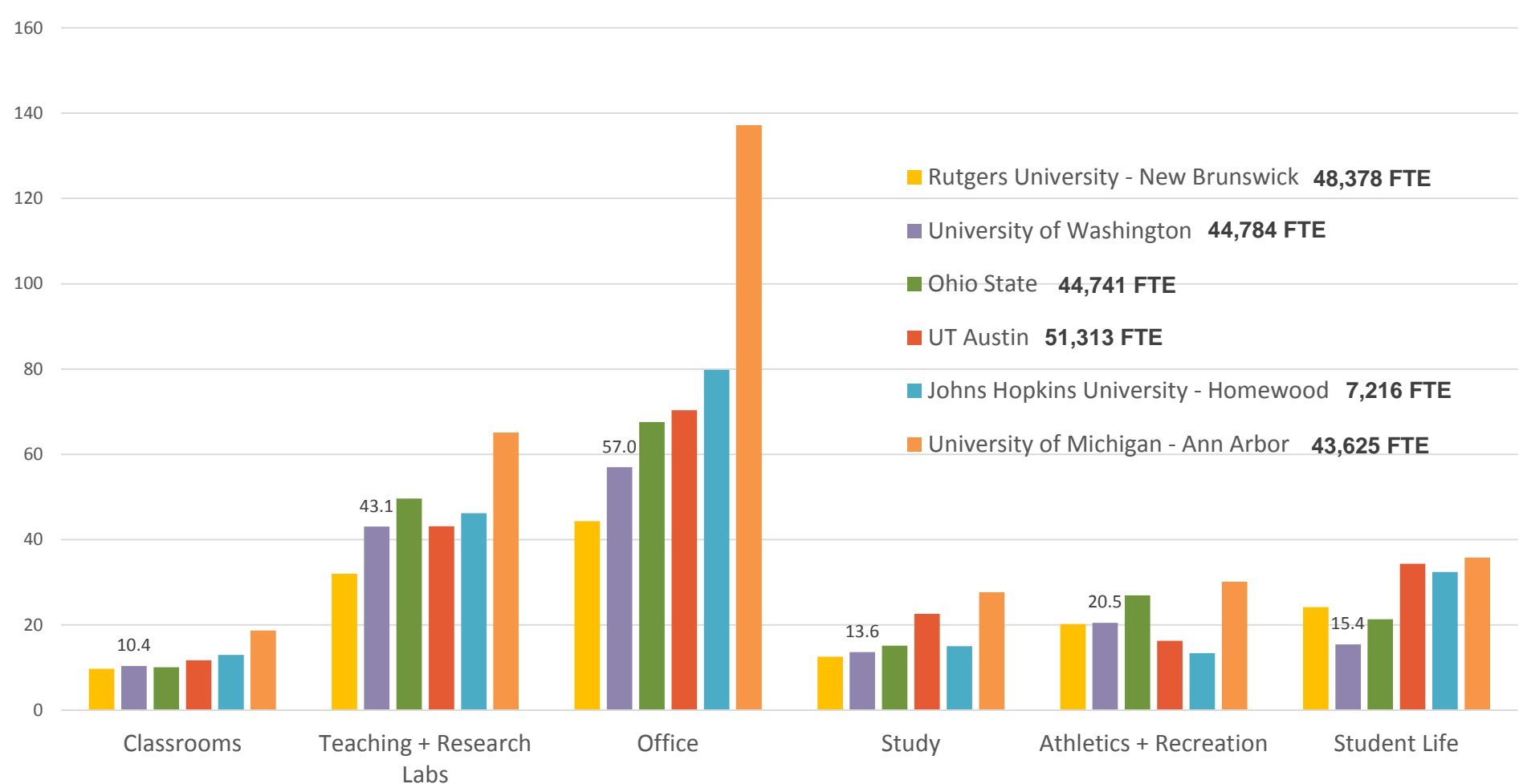
Draws upon an institutional database of **more than 100 institutions**

Benchmarks UW's space for the following categories on an **ASF per Student FTE basis**

- : Classrooms
- : Teaching and Research Labs
- : Offices
- : Study and Library Space
- : Athletics and Recreation
- : Student Life Space

# Benchmarking – Assignable Square Feet (ASF) / Student FTE

Peer benchmarking comparisons, 2014-15 Common Data Set





# Space Needs Summary

Model projects the potential need for 5.6M GSF (at 50,000 FTE) to 7.8M GSF (at 57,500 FTE with research and housing projections) of space in the future.

If the University was to grow by the same rate it has over the last 10 years, it would suggest a need for ~5.8M GSF of new construction over the next 20 years

Across all categories UW's ASF per student is low compared to the peers evaluated

Projections do not account for industry & innovation space

# **3** **INDUSTRY & INNOVATION**

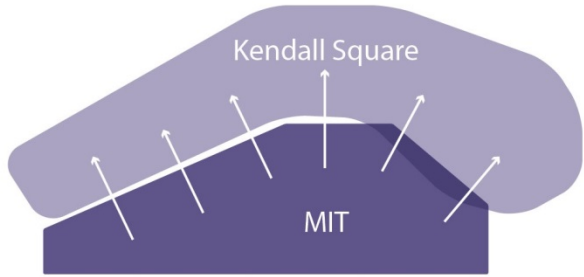
# Why University Related Innovation Districts

Federal funding in academic research is waning and institutions are finding new ways to adjust to this continuing trend by engaging allied industries in the private sector.

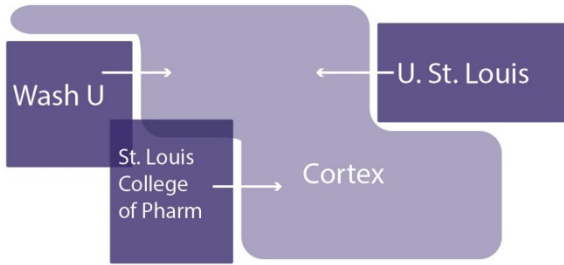
Urban institutions are leveraging their proximity to economic centers, access to transit, and an educated workforce to develop long-lasting partnerships with cities and corporations and secure continued research growth in the future. The physical relocation of key innovation assets has now become a critical competitiveness strategy for companies, universities, and even states.

Companies also realize the benefits of partnering with research-intensive institutions as a way to develop new ideas. More and more companies are outsourcing research to universities and realize the benefits of a captive talent pool.

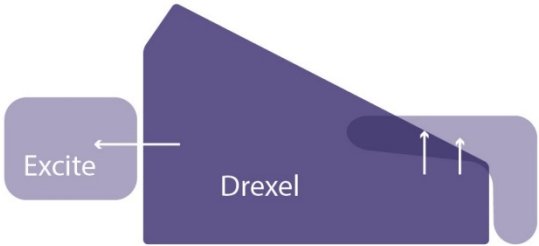
# Innovation District Precedents



80%  
Biotech



70%  
Tech



90%  
Tech



90%  
Health

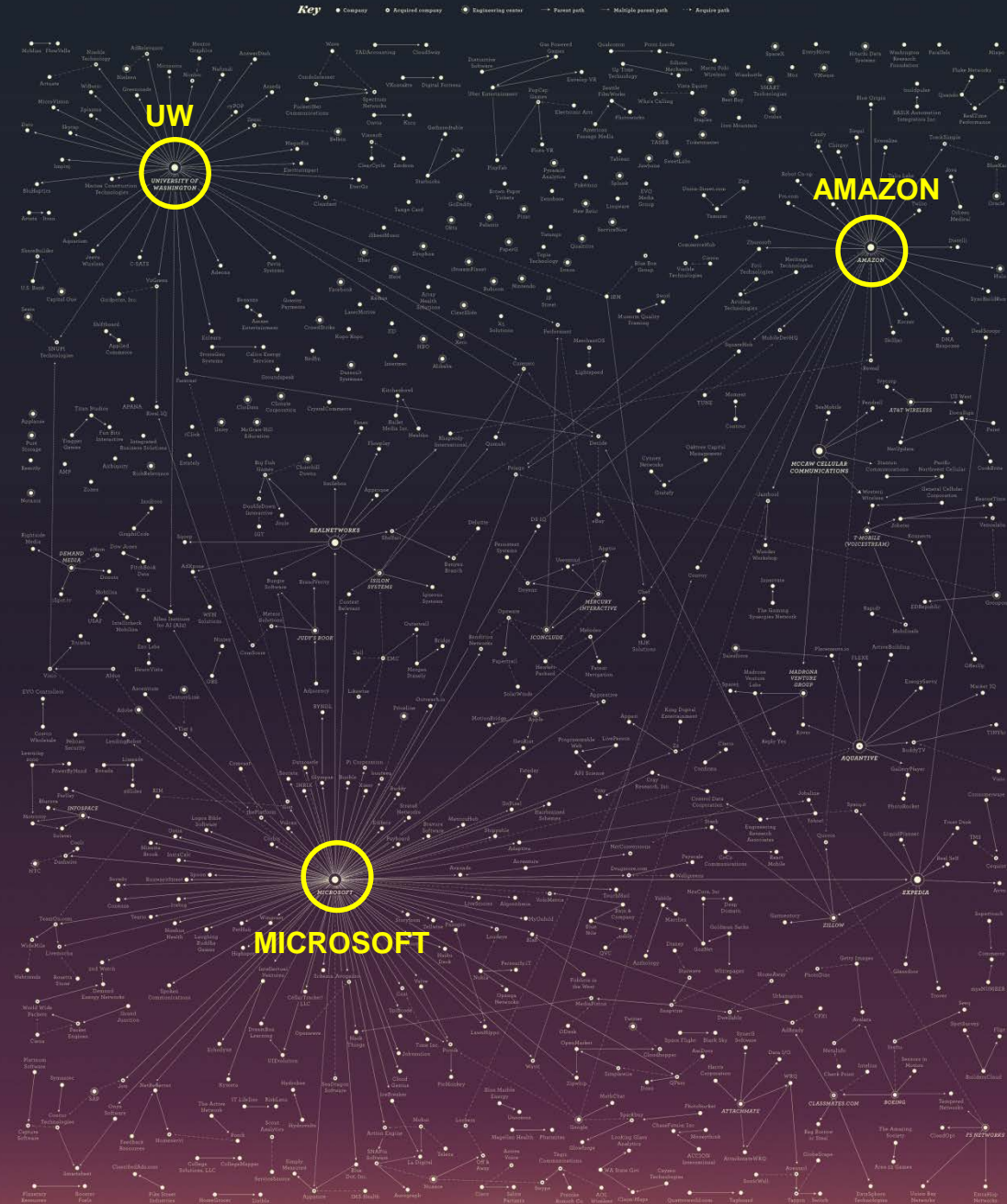


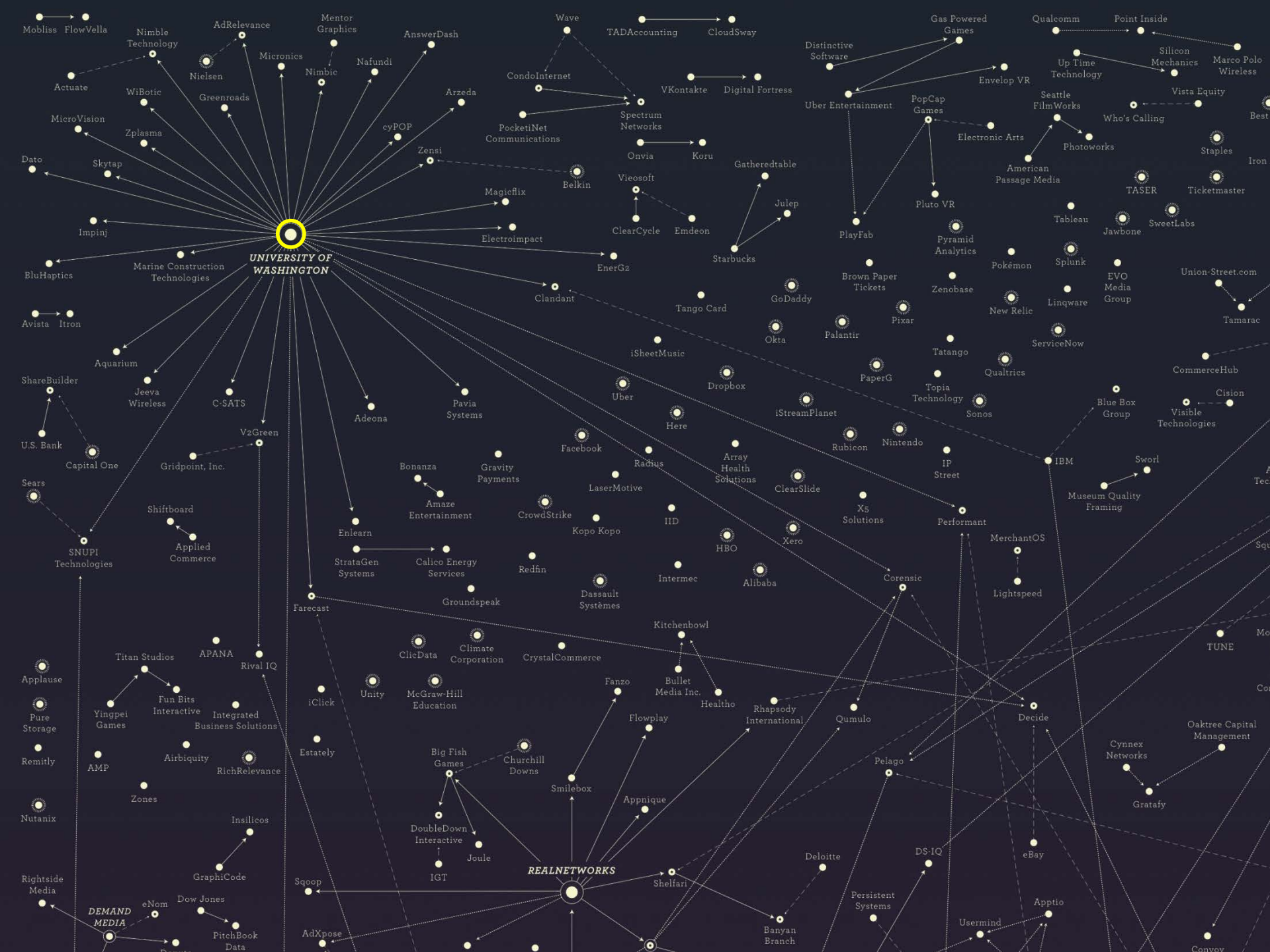
# Innovation District Precedents

Institution	% of institutional land allocated to industry partnerships	District Site Area	Total GFA potential	Total GFA executed	Land Use Mix	Development Mechanism
MIT	75 Acres 30% of MIT-owned land	420 Acres	6 mil sf	1.5 mil sf (+8% in office, +10% in residential)	4% Retail 16% Housing 40% Industry 35% Institutional 5% Non-Building	MITIMCO(MIT Endowment)
UC - San Francisco	1.5 Acres 2% of UCSF-owned land	300 Acres	2.67 mil sf	1.9 mil sf	6% Retail 5% Housing 34% Industry 20% Institutional 35% Non-Building	Traditional university Development
Cortex (St Louis U, Wash U, etc.)	Approximately 10% of university-owned land	200 Acres	4.5 mil sf	1 mil sf	10% Retail 5% Housing 50% Industry (tech) 20% Institutional 15% Non-Building	Joint nonprofit institutional collaboration
University of Pennsylvania	23 Acres 8% of Penn-owned land	23 Acres	1.5 mil sf	52,000 sf	60% Industry 20% Institutional 20% Non-Building	P3 + PIDC
Drexel University	12.1 Acres 17% of Drexel land	20 Acres	6.4 mil sf	528,000 sf	5% Retail 4% Housing (not incl.P3) 15% Industry 50% Institutional 26% Non-Building	P3 - American Campus Communities + State Funding (KIZ)

# Current Innovation Landscape in Seattle

# The Seattle Tech Universe





UNIVERSITY OF WASHINGTON

REALNETWORKS

DEMAND MEDIA

AdRelevance  
Nielsen  
Greenroads  
MicroVion  
Skytap  
Impinj  
U.S. Bank  
Sears  
ShareBuilder  
Avista  
Itron  
BluHaptics  
Marine Construction Technologies  
Aquarium  
Jeeva Wireless  
C-SATS  
V2Green  
Gridpoint, Inc.  
Shiftboard  
Applied Commerce  
SNUPI Technologies  
Titan Studios  
APANA  
Rival IQ  
Fun Bits  
Yingpei Games  
Integrated Business Solutions  
Airbiquity  
RichRelevance  
Zones  
Insilicos  
GraphiCode  
Rightside Media  
eNom  
Dow Jones  
PitchBook Data  
AdXpose

Wave  
TADAAccounting  
CloudSway  
CondoInternet  
Vkontakte  
Digital Fortress  
Spectrum Networks  
Onvia  
Koru  
Gatheredtable  
Julup  
Starbucks  
EnerGz  
Clandant  
Tango Card  
GoDaddy  
Okta  
Palantir  
PaperG  
Nintendo  
IP Street  
Performant  
MerchantOS  
Lightspeed  
Decide  
Gratify  
Cynnex Networks  
Oaktree Capital Management  
Covvov

AnswerDash  
Arzeda  
cyPOP  
Zensi  
Magicflex  
Belkin  
ClearCycle  
Emdeon  
Uber  
Here  
Dropbox  
iStreamPlanet  
Rubicon  
Xs Solutions  
Corensic  
Pelago  
Deloitte  
DS-IQ  
Apptio  
Usermind  
Persistent Systems  
Banyan Branch  
Shelfari  
Smilebox  
Appnique  
Flowplay  
Bullet Media Inc.  
Healtho  
Rhapsody International  
Qumulo  
Decide

Gas Powered Games  
Qualcomm  
Point Inside  
Silicon Mechanics  
Marco Polo Wireless  
Vista Equity  
Who's Calling  
Photoworks  
American Passage Media  
TASER  
Ticketmaster  
SweetLabs  
Jawbone  
EVO Media Group  
Union-Street.com  
Tamarac  
CommerceHub  
Cision  
Visible Technologies  
Blue Box Group  
Sworl  
Museum Quality Framing  
Squidoo  
MojoNation  
Corporation  
Gratify  
Cynnex Networks  
Oaktree Capital Management  
Gratify  
Cynnex Networks  
Oaktree Capital Management

Mobliiss  
FlowVella  
Nimble Technology  
Actuate  
WiBotic  
MicroVision  
Dato  
Impinj  
Avista  
Itron  
ShareBuilder  
U.S. Bank  
Sears  
ShareBuilder  
Capital One  
Gridpoint, Inc.  
Shiftboard  
Applied Commerce  
SNUPI Technologies  
Titan Studios  
APANA  
Rival IQ  
Fun Bits  
Yingpei Games  
Integrated Business Solutions  
Airbiquity  
RichRelevance  
Zones  
Insilicos  
GraphiCode  
Rightside Media  
eNom  
Dow Jones  
PitchBook Data  
AdXpose

WAVE  
TADAAccounting  
CloudSway  
CondoInternet  
Vkontakte  
Digital Fortress  
Spectrum Networks  
Onvia  
Koru  
Gatheredtable  
Julup  
Starbucks  
EnerGz  
Clandant  
Tango Card  
GoDaddy  
Okta  
Palantir  
PaperG  
Nintendo  
IP Street  
Performant  
MerchantOS  
Lightspeed  
Decide  
Gratify  
Cynnex Networks  
Oaktree Capital Management  
Covvov

AnswerDash  
Arzeda  
cyPOP  
Zensi  
Magicflex  
Belkin  
ClearCycle  
Emdeon  
Uber  
Here  
Dropbox  
iStreamPlanet  
Rubicon  
Xs Solutions  
Corensic  
Pelago  
Deloitte  
DS-IQ  
Apptio  
Usermind  
Persistent Systems  
Banyan Branch  
Shelfari  
Smilebox  
Appnique  
Flowplay  
Bullet Media Inc.  
Healtho  
Rhapsody International  
Qumulo  
Decide

Gas Powered Games  
Qualcomm  
Point Inside  
Silicon Mechanics  
Marco Polo Wireless  
Vista Equity  
Who's Calling  
Photoworks  
American Passage Media  
TASER  
Ticketmaster  
SweetLabs  
Jawbone  
EVO Media Group  
Union-Street.com  
Tamarac  
CommerceHub  
Cision  
Visible Technologies  
Blue Box Group  
Sworl  
Museum Quality Framing  
Squidoo  
MojoNation  
Corporation  
Gratify  
Cynnex Networks  
Oaktree Capital Management  
Gratify  
Cynnex Networks  
Oaktree Capital Management

# Current Innovation Landscape at UW

**UW ranked as the most innovative public university by Reuters (Sept 2015)**

UW is the top recipient in the nation among public universities for federal research dollars and second overall; it generates \$12.5 billion in economic impact for the state and ranks among the top universities for tech startups

Establishment of Comotion

Global Innovation Exchange opening in Fall 2016

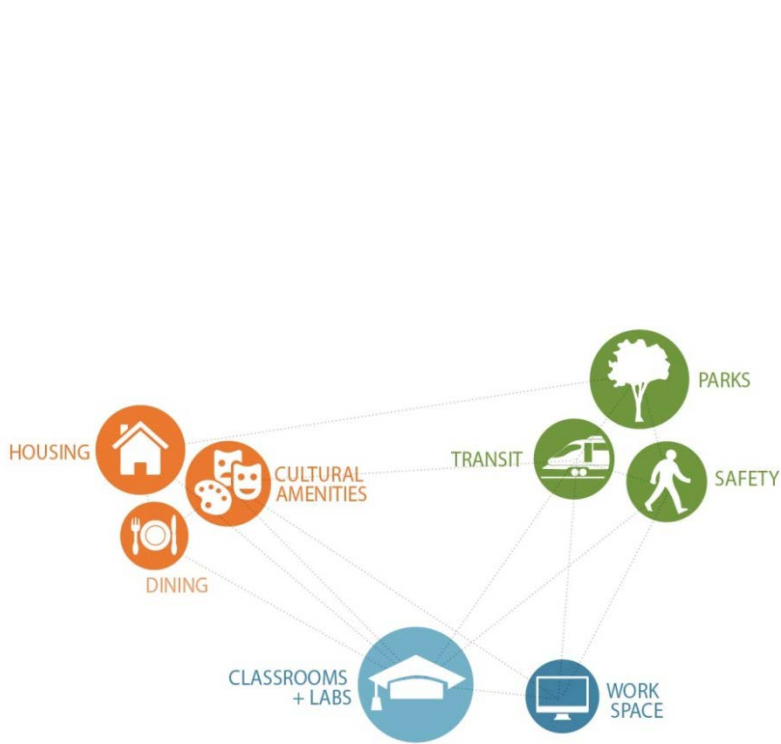
In 2014 **18 new startups** based on UW research technologies were launched

Totally **103 startups** launched





# Mixed Use versus Innovation District



Mixed Use District

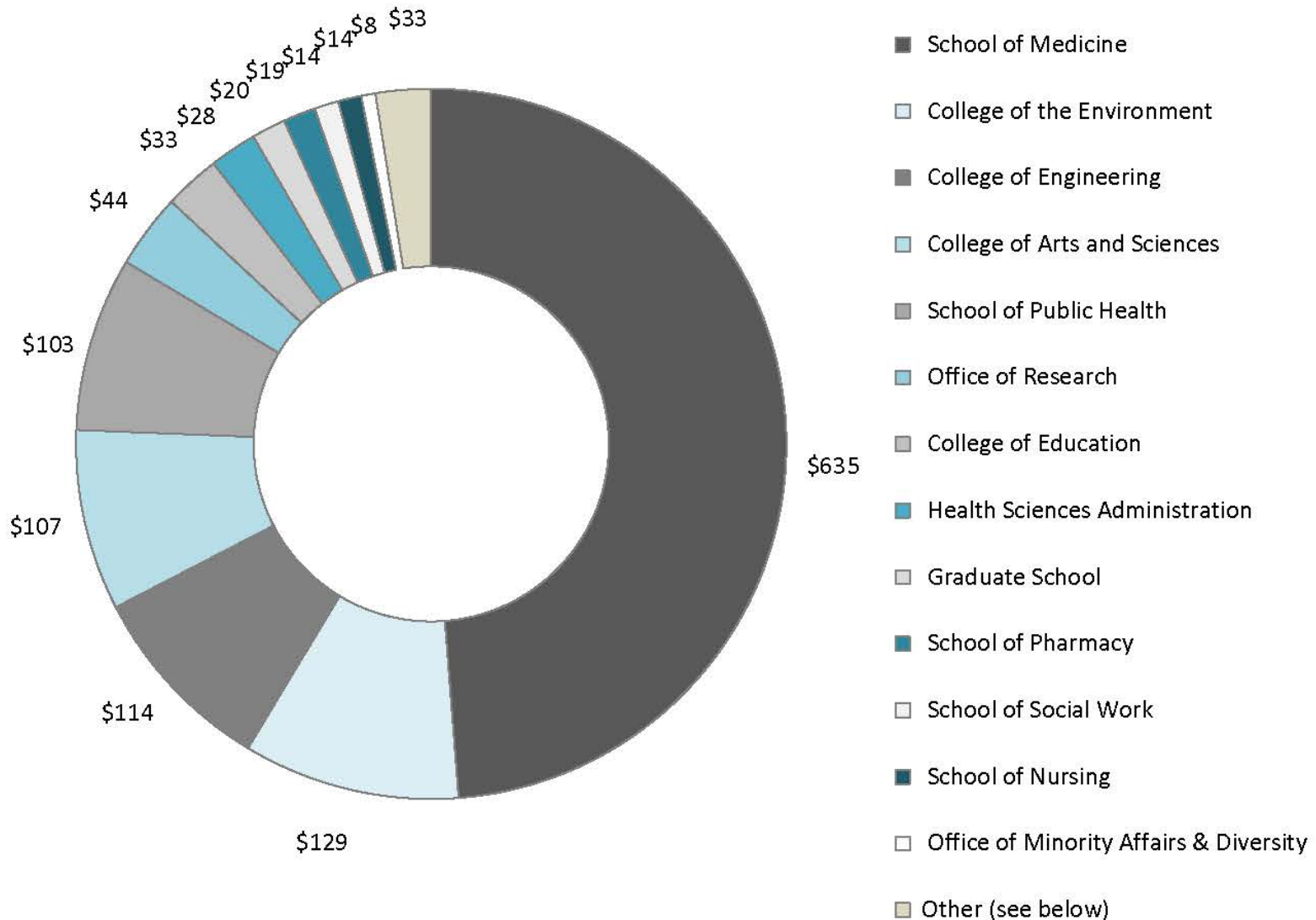


Innovation District

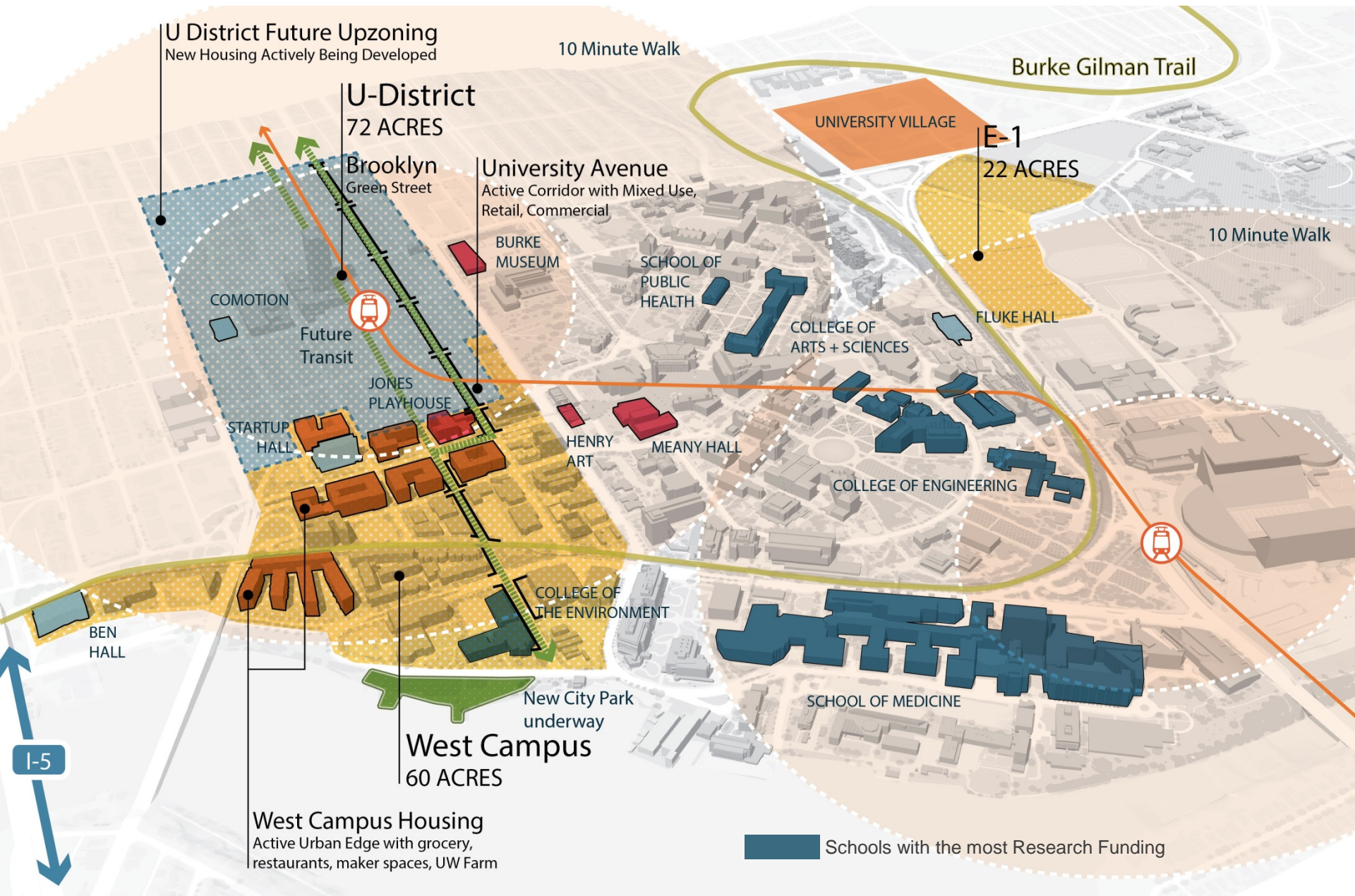
**Innovation districts primarily focus on production by capitalizing on programmatic synergies and fostering collaboration**

# Schools with the most Research Funding

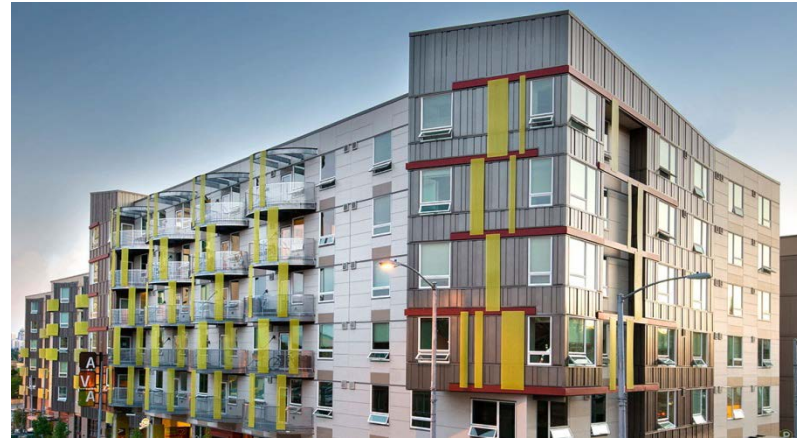
GRANT AND CONTRACT AWARDS BY COLLEGE/DEPARTMENT, IN MILLIONS, FY 2015



# Innovation District Potential at UW



# Innovation District Potential at UW



# Innovation District Ingredients - Livability



**HOUSING**  
 LIVE/WORK  
 MULTI-FAMILY  
 PROXIMITY  
 STUDENT HOUSING MIX



**FOOD**  
 CAFES  
 BARS  
 FOOD TRUCKS  
 RESTAURANTS

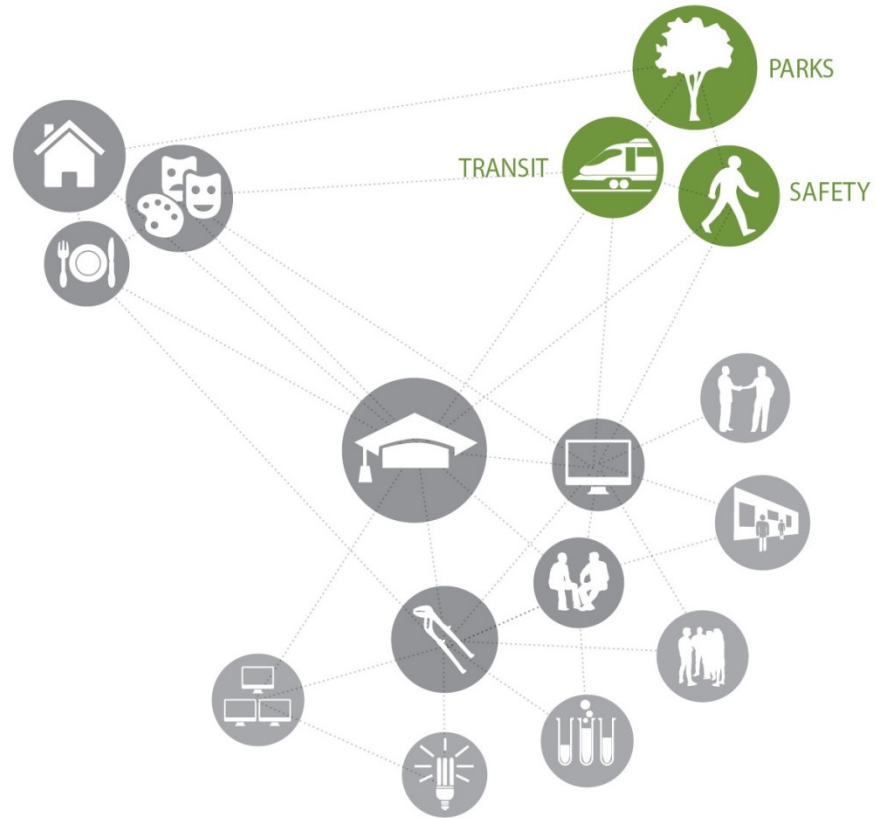


**CULTURAL AMENITIES**  
 PERFORMANCES  
 PUBLIC ART  
 STUDIOS/ GALLERIES  
 INSTALLATIONS  
 GAME DAY



**COMMUNITY SPACES**  
 SCHOOLS  
 DAYCARES  
 RECREATION CENTERS  
 YOUTH CENTERS

# Innovation District Ingredients – Public Realm



## PUBLIC SPACES

PLAZAS  
GREEN SPACES  
PLAYGROUNDS  
RECREATION  
WATERFRONT



## ACCESS

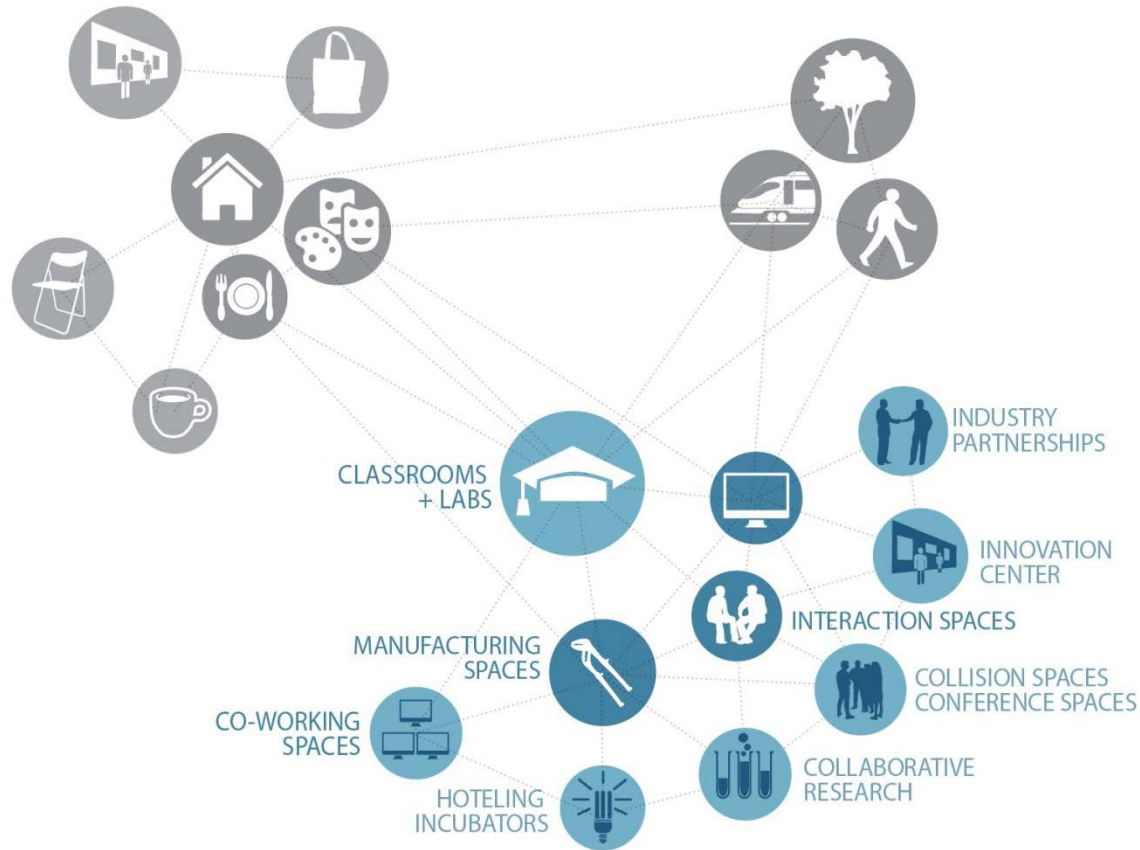
PEDESTRIAN FRIENDLY STREETS  
BIKE LANES  
COMPLETE STREETS  
RELIABLE TRANSIT CONNECTIONS  
ACCESSIBLE ROUTES



## SAFETY

EYES ON THE STREET  
LIGHTING  
ACTIVE STREET EDGESE34

# Innovation District Ingredients – Innovation



## LEARNING SPACES

HIGH QUALITY TEACHING + RESEARCH SPACES  
FACULTY SPACES  
STUDENT MENTORING  
ENTREPRENEURSHIP SPACES



## WORK PLACES

INDUSTRY OFFICE SPACES  
CO-WORK SPACES



## COLLAB SPACES

INDUSTRY INTERACTION SPACES  
CORE LABS  
START-UP SPACES  
STUDENT SPACES  
INNOVATION CENTER  
MAKER SPACES



## MANUFACTURING SPACES

ADVANCED MANUFACTURING  
FABRICATION LABS  
TESTING SPACES



## INDUSTRY SUPPORT

WORK HOTELING  
CONFERENCE SPACES  
WORK-STUDY  
BUSINESS INCUBATORS

# Innovation Districts Ingredients



## PUBLIC SPACES

PLAZAS  
GREEN SPACES  
PLAYGROUNDS  
RECREATION  
WATERFRONT



## ACCESS

PEDESTRIAN FRIENDLY STREETS  
BIKE LANES  
COMPLETE STREETS  
RELIABLE TRANSIT CONNECTIONS  
ACCESSIBLE ROUTES



## SAFETY

EYES ON THE STREET  
LIGHTING  
ACTIVE STREET EDGES



## HOUSING

LIVE/WORK  
MULTI-FAMILY  
PROXIMITY  
STUDENT HOUSING MIX



## FOOD

CAFES  
BARS  
FOOD TRUCKS  
RESTAURANTS



## CULTURAL AMENITIES

PERFORMANCES  
PUBLIC ART  
STUDIOS/ GALLERIES  
INSTALLATIONS  
GAME DAY



## COMMUNITY SPACES

SCHOOLS  
DAYCARES  
RECREATION CENTERS  
YOUTH CENTERS



## LEARNING SPACES

HIGH QUALITY TEACHING  
+ RESEARCH SPACES  
FACULTY SPACES  
STUDENT MENTORING  
ENTREPRENEURSHIP SPACES



## WORK PLACES

INDUSTRY OFFICE  
SPACES  
CO-WORK SPACES



## COLLAB SPACES

INDUSTRY INTERACTION  
CORE LABS  
START-UP SPACES  
STUDENT SPACES  
INNOVATION CENTER  
MAKER SPACES



## MANUFACTURING SPACES

ADVANCED MANUFACTURING  
FABRICATION LABS  
TESTING SPACES



## INDUSTRY SUPPORT

WORK HOTELING  
CONFERENCE SPACES  
WORK-STUDY  
BUSINESS INCUBATORS



# UW Initiatives To-Date



## PUBLIC SPACES

PLAZAS  
GREEN SPACES  
PLAYGROUNDS  
RECREATION  
WATERFRONT



## ACCESS

PEDESTRIAN FRIENDLY STREETS  
BIKE LANES  
COMPLETE STREETS  
RELIABLE TRANSIT CONNECTIONS  
ACCESSIBLE ROUTES



## SAFETY

EYES ON THE STREET  
LIGHTING  
ACTIVE STREET EDGES



## HOUSING

LIVE/WORK  
MULTI-FAMILY  
PROXIMITY  
STUDENT HOUSING MIX



## FOOD

CAFES  
BARS  
FOOD TRUCKS  
RESTAURANTS



## CULTURAL AMENITIES

PERFORMANCES  
PUBLIC ART  
STUDIOS/ GALLERIES  
INSTALLATIONS  
GAME DAY



## COMMUNITY SPACES

SCHOOLS  
DAYCARES  
RECREATION CENTERS  
YOUTH CENTERS



## LEARNING SPACES

HIGH QUALITY TEACHING  
+ RESEARCH SPACES  
FACULTY SPACES  
STUDENT MENTORING  
ENTREPRENEURSHIP SPACES



## WORK PLACES

INDUSTRY OFFICE SPACES  
CO-WORK SPACES



## COLLAB SPACES

INDUSTRY INTERACTION  
CORE LABS  
START-UP SPACES  
STUDENT SPACES  
INNOVATION CENTER  
MAKER SPACES



## MANUFACTURING SPACES

ADVANCED MANUFACTURING  
FABRICATION LABS  
TESTING SPACES



## INDUSTRY SUPPORT

WORK HOTELING  
CONFERENCE SPACES  
WORK-STUDY  
BUSINESS INCUBATORS

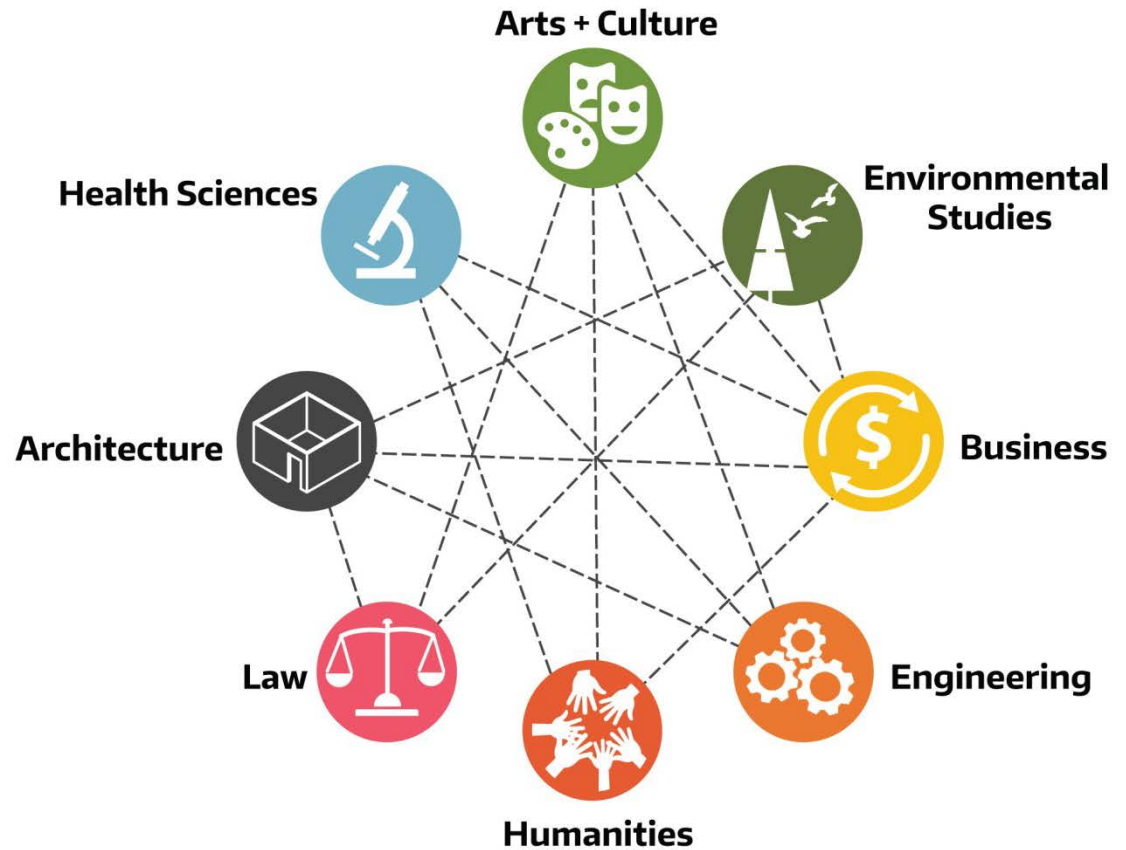
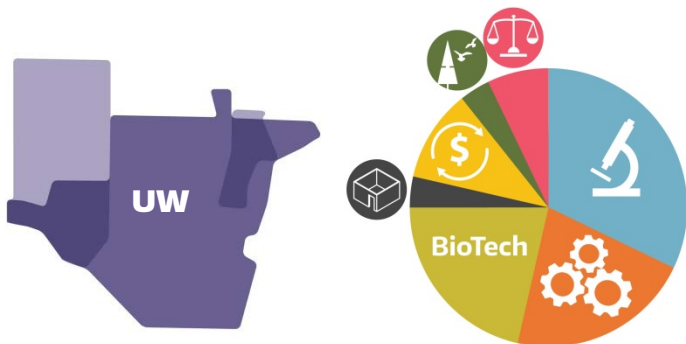
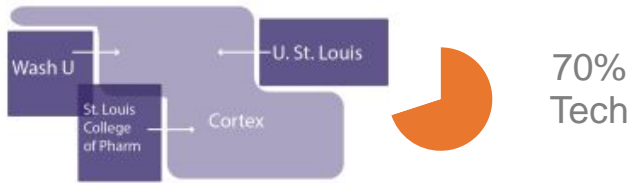
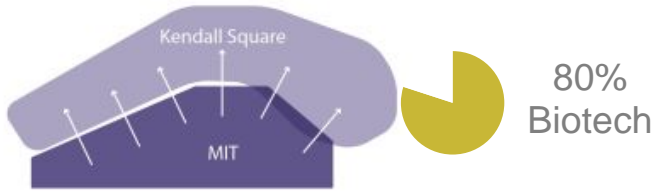
# Innovation Centers

Institution	Industry Focus	Innovation Center	Program	IC Size (sf)
MIT	Biotech	Deshpande Center for Innovation	Hoteling spaces, offices, conference rooms - on MIT Campus	-
Cortex	Technology	TechShop Cambridge Innovation Center	TechShop – Maker spaces (membership system) CIC St. Louis - Workspaces, kitchen, conference rooms Venture Café – programmed café for start-ups and existing area companies and employees	16,000 to 22,000
Drexel University	Technology	Excite Center	Classrooms, Technology/Maker spaces, Offices	11,000
UC - San Francisco	Health Sciences	Various: QB3, CoLaborator, US Innovation Center	Private office suites, labs, conference rooms, event spaces, co-working spaces with 200 desks for startups	15,000 SF each
University of Pennsylvania	Science & Health Science	Pennovation Center	Bio-tech incubator spaces, labs, office space, access to QB3 network	52,000
University of Washington	Hybrid	New Ventures Facility + Start Up Hall		35,000

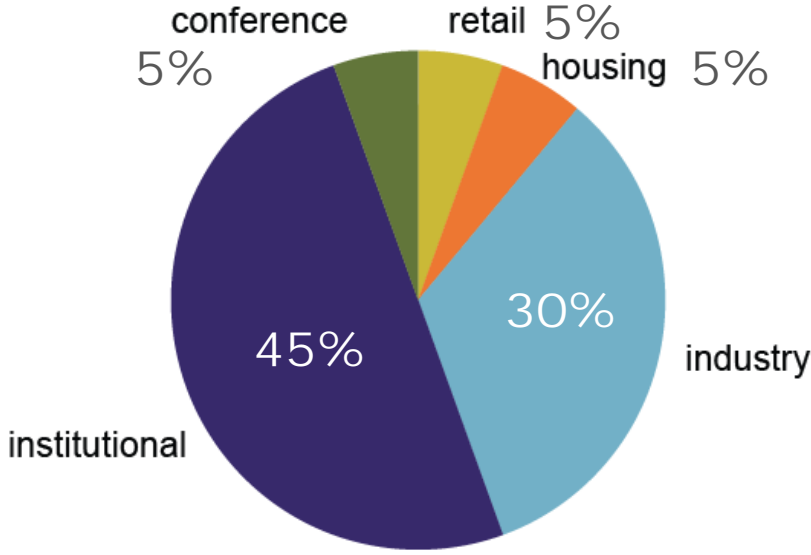
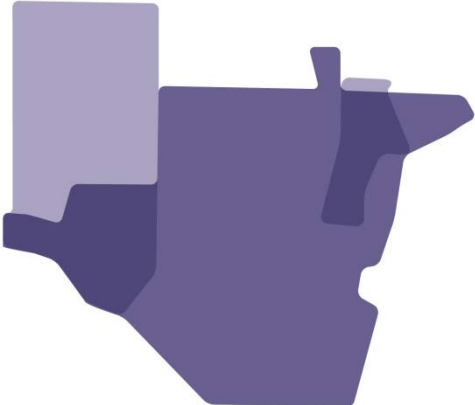
# Innovation Centers



# Multidisciplinary Innovation District



# Components of the Innovation District at UW



West Campus  
60 Acres, 3.7 million GFA



East Campus (E1)  
22 Acres

# **4 CAMPUS FRAMEWORK**

**big ideas**

**public realm framework**




**circulation framework**

**built environment framework**

**infrastructure**

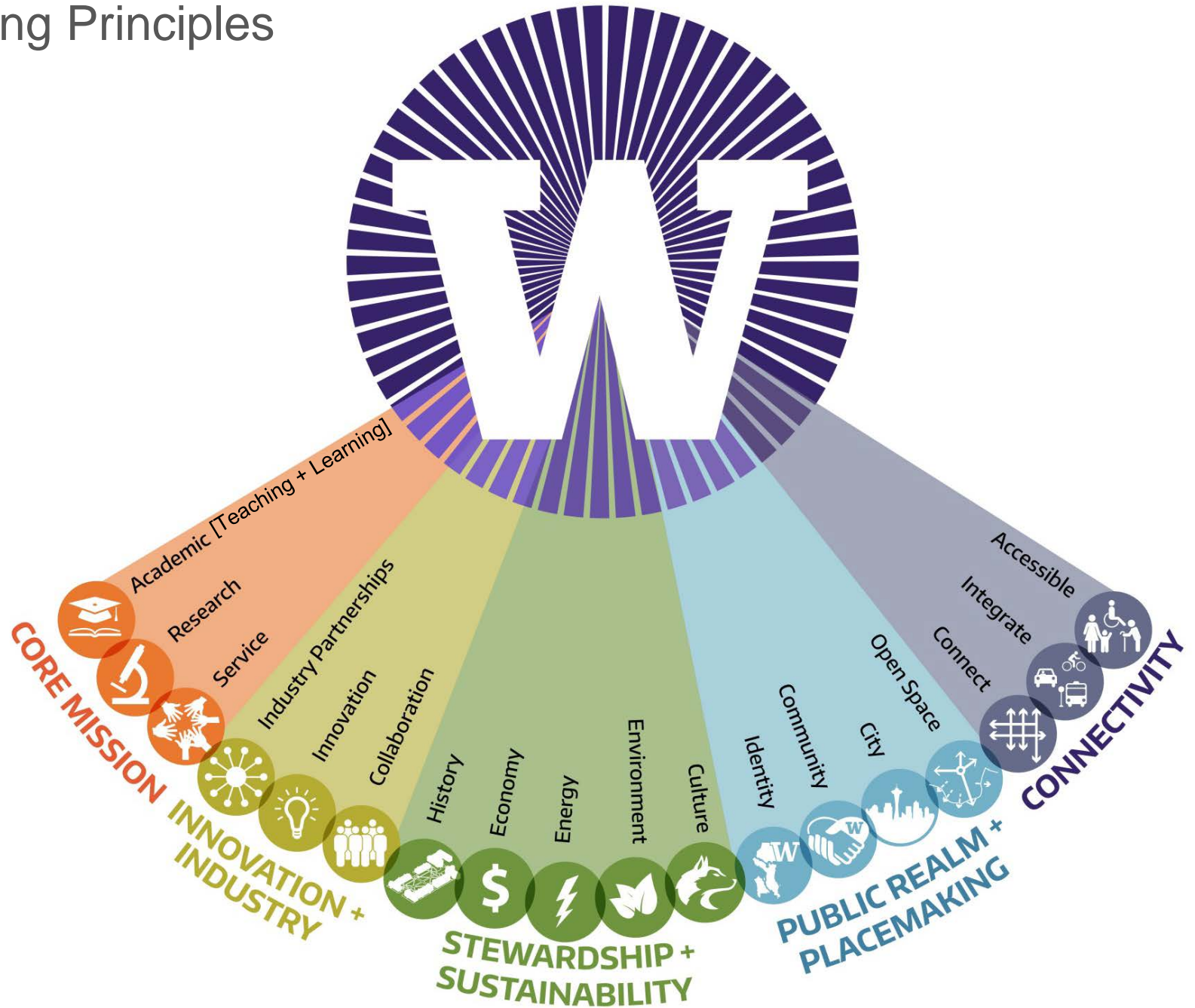
# Opportunities



-  Pedestrian Connections
-  Major Road
-  Stevens Way
-  Burke Gilman Trail
-  Retaining Wall
-  Building Edges
-  Waterfront
-  Steep Slope



# Guiding Principles





**big ideas**

# Conceptual Strategies



Organizational Axes



Existing Primary Open Spaces



Primary Open Space Interventions



Connecting to the Shoreline

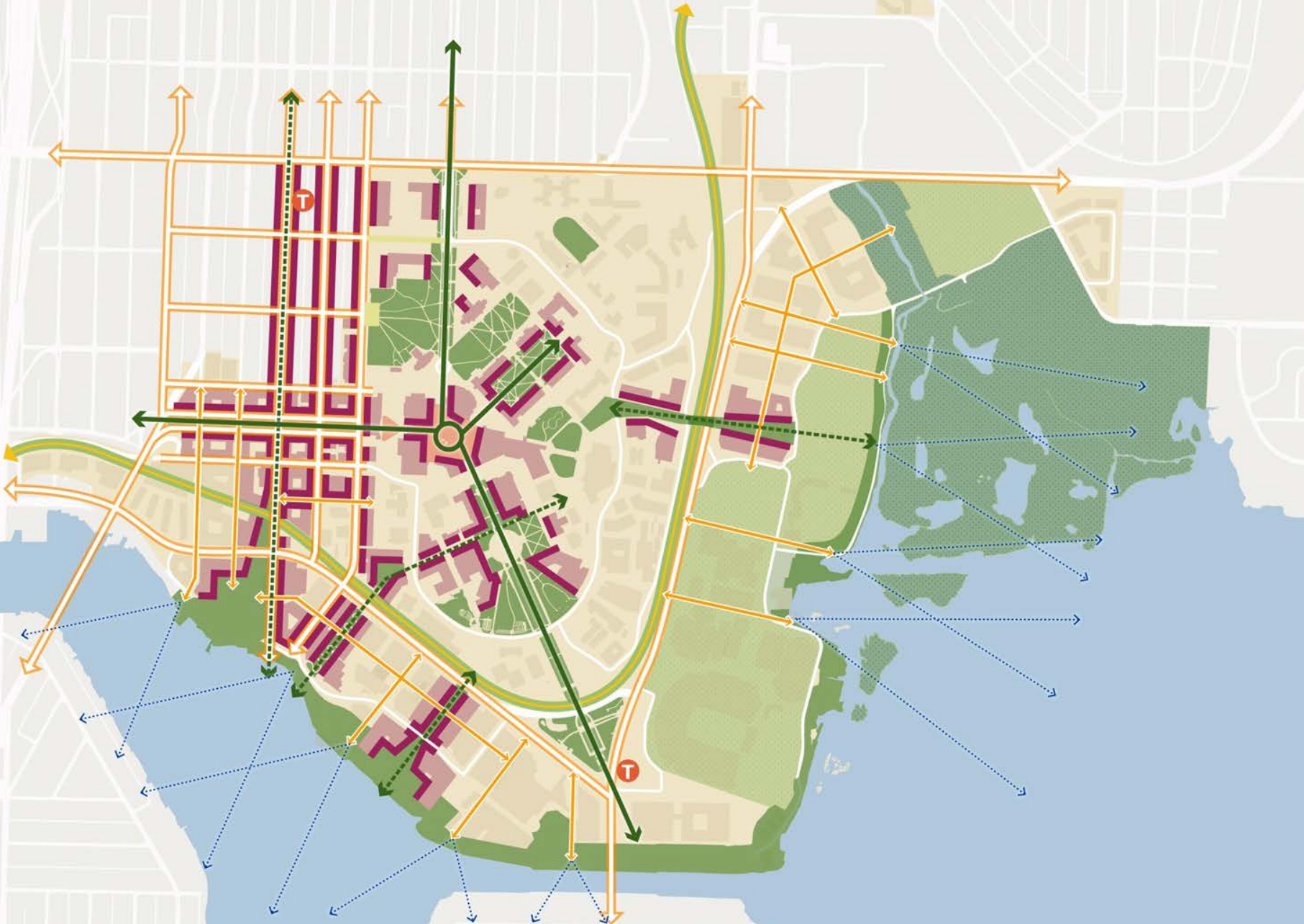


Integration with the City



Activating the Public Realm

# Overall Campus Framework



# Proposed Building Fabric



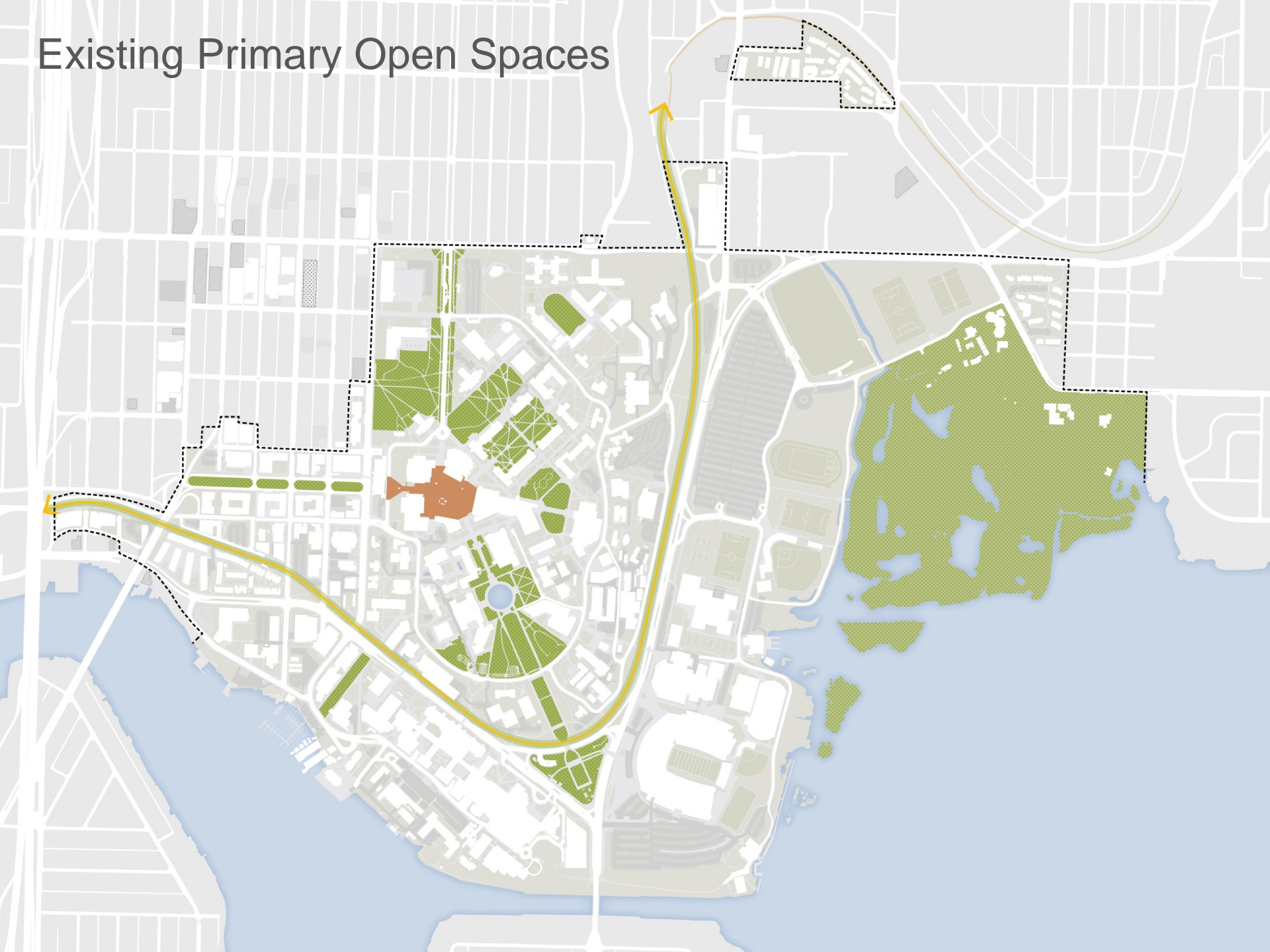
# public realm framework



# Organizational Axes

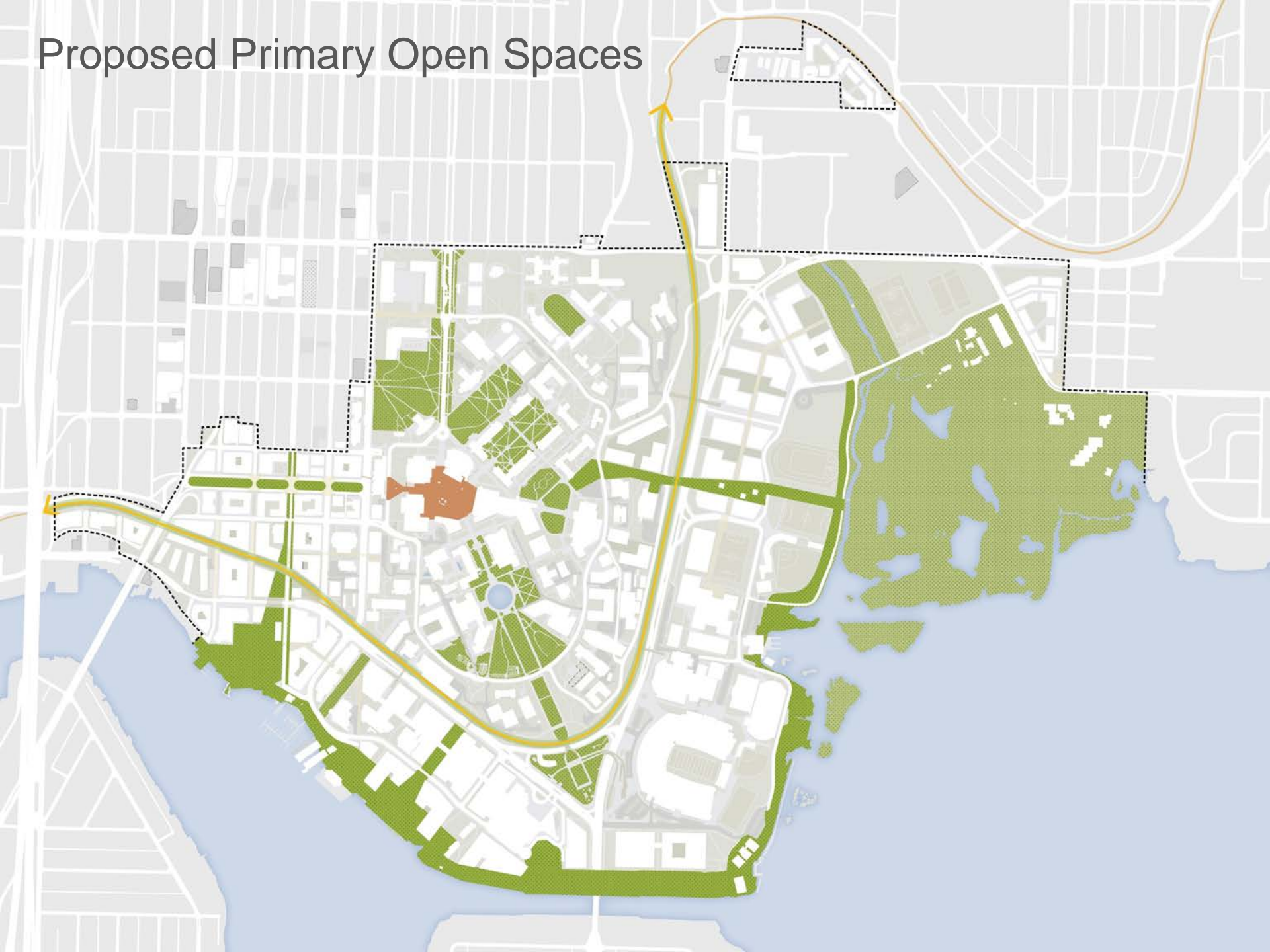


# Existing Primary Open Spaces

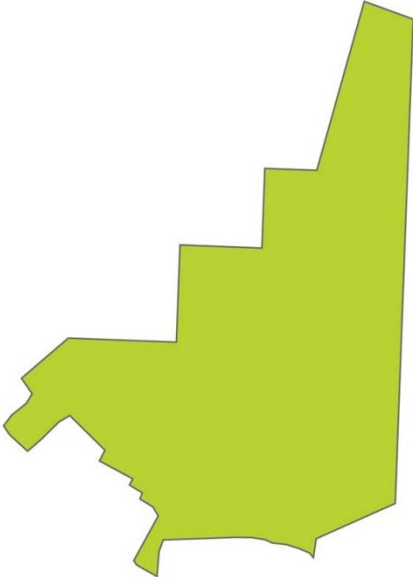




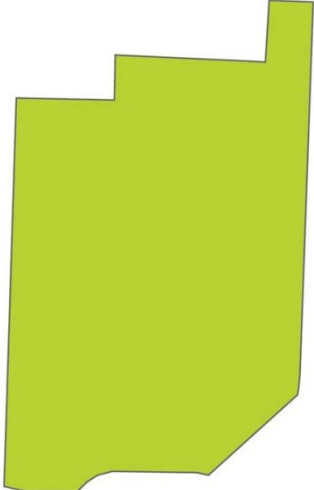
# Proposed Primary Open Spaces



# Proposed Waterfront Park



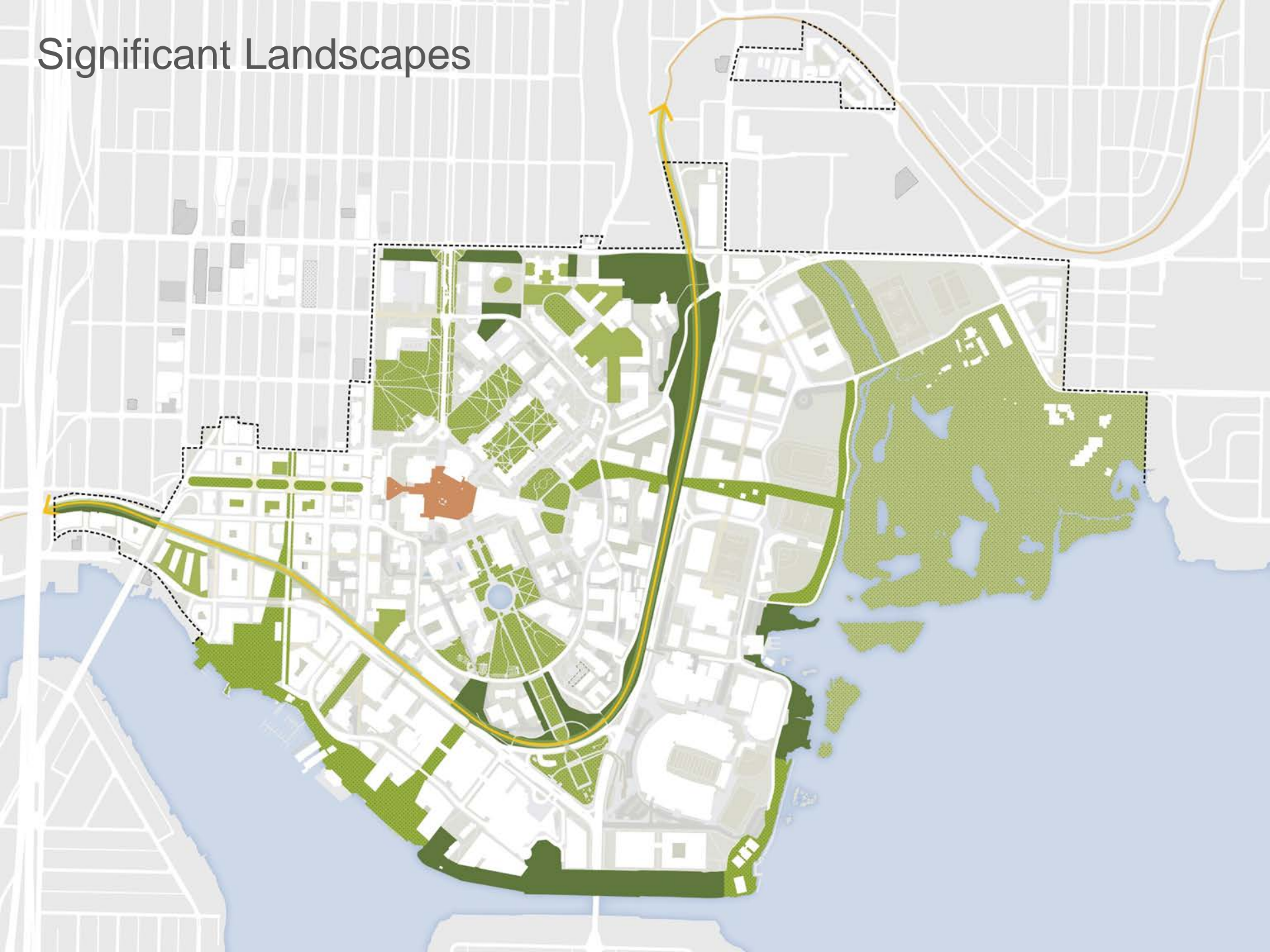
Waterfront Park – 7.0 acres



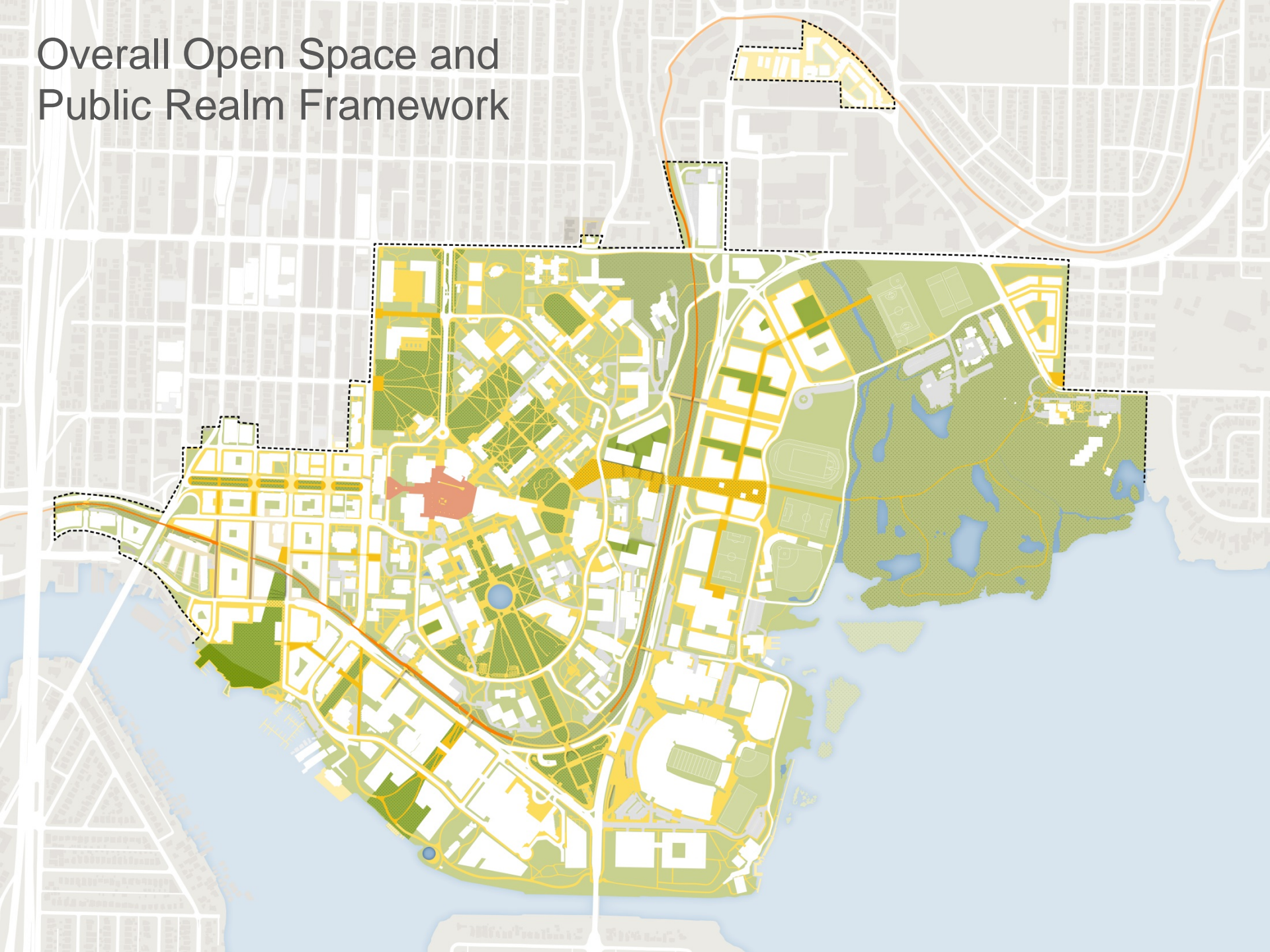
Parrington Lawn – 7.8 acres



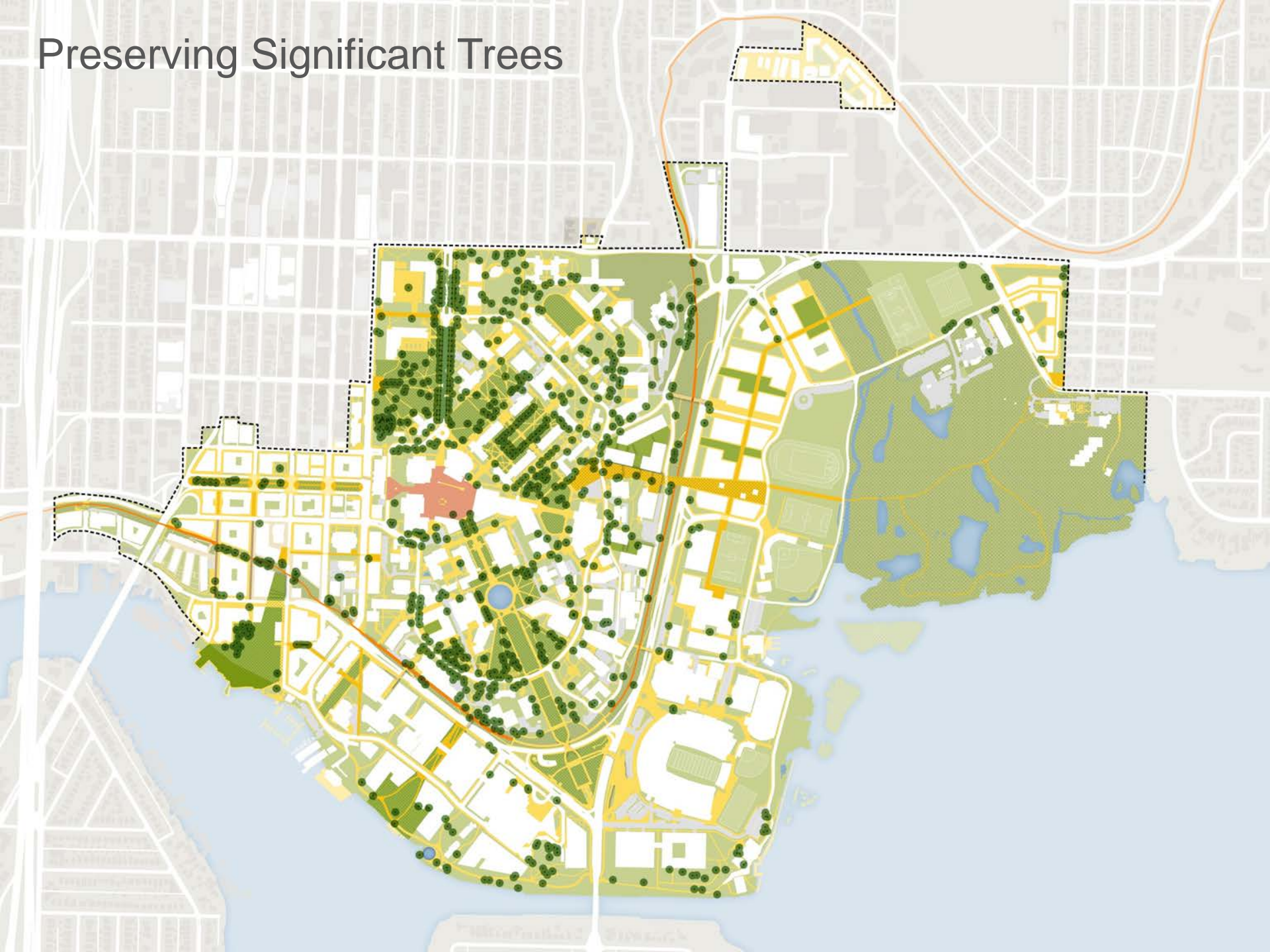
# Significant Landscapes



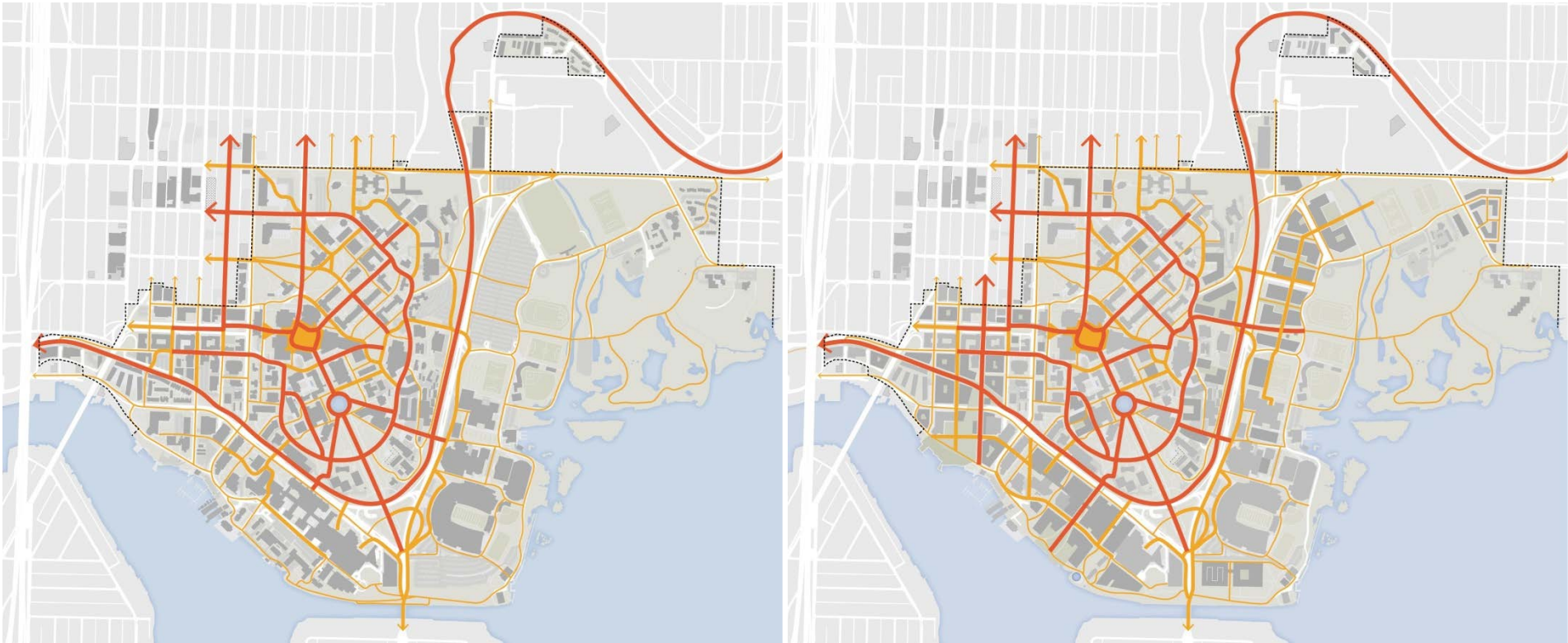
# Overall Open Space and Public Realm Framework



# Preserving Significant Trees



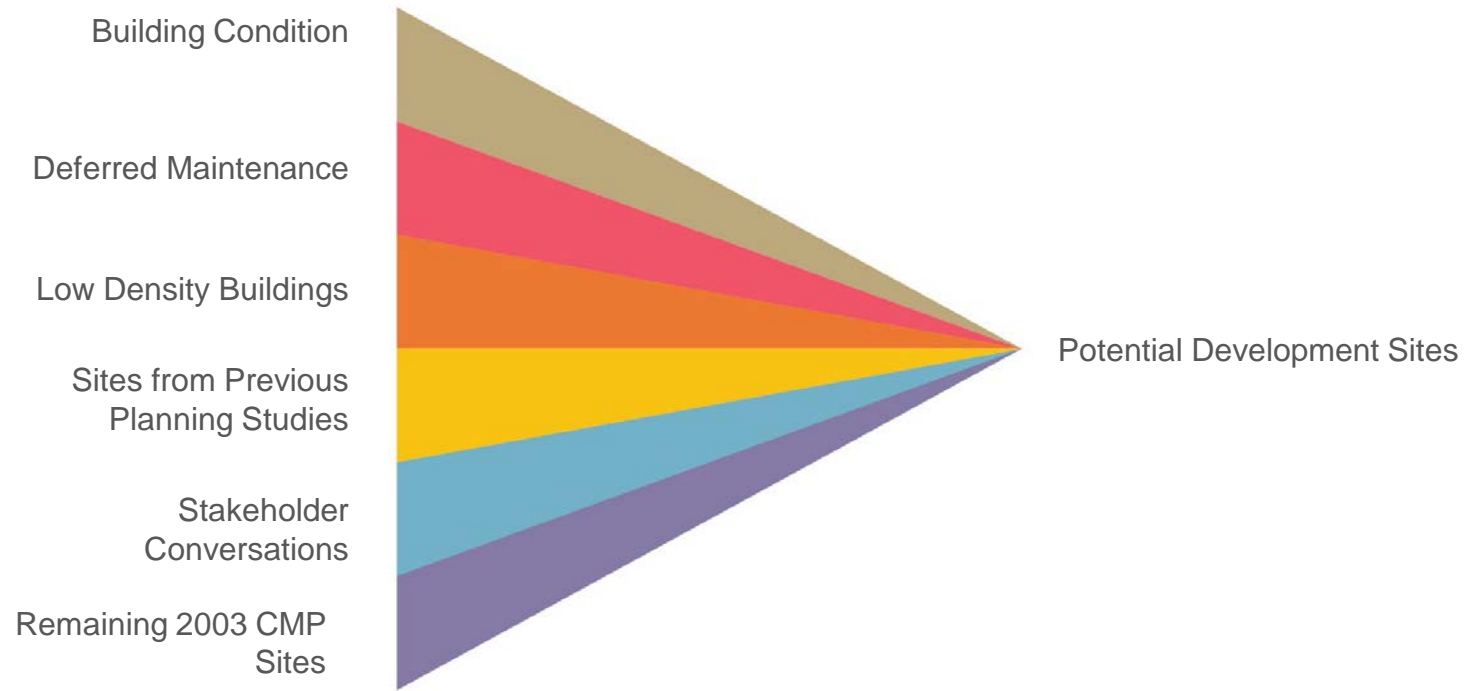
# Pedestrian Circulation



- Major
- Minor
- Connector

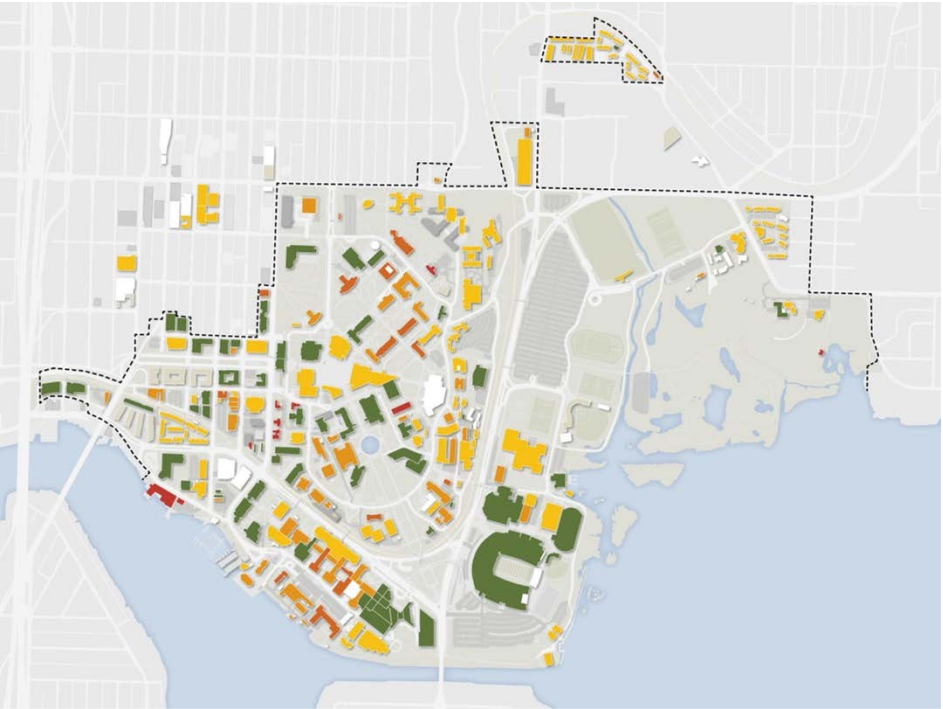
# **built environment framework**

# Rationale for Development Sites

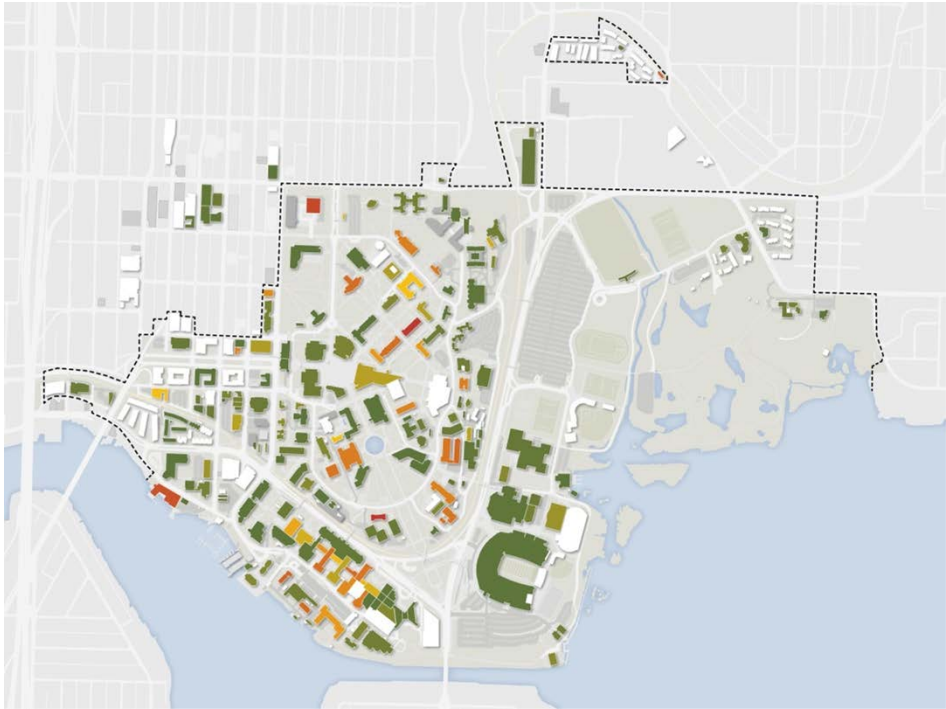
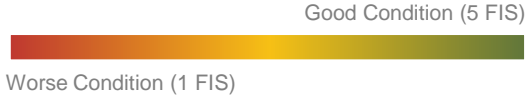




# Rationale for Development Sites: Deferred Maintenance & Building Condition



**Building Condition**

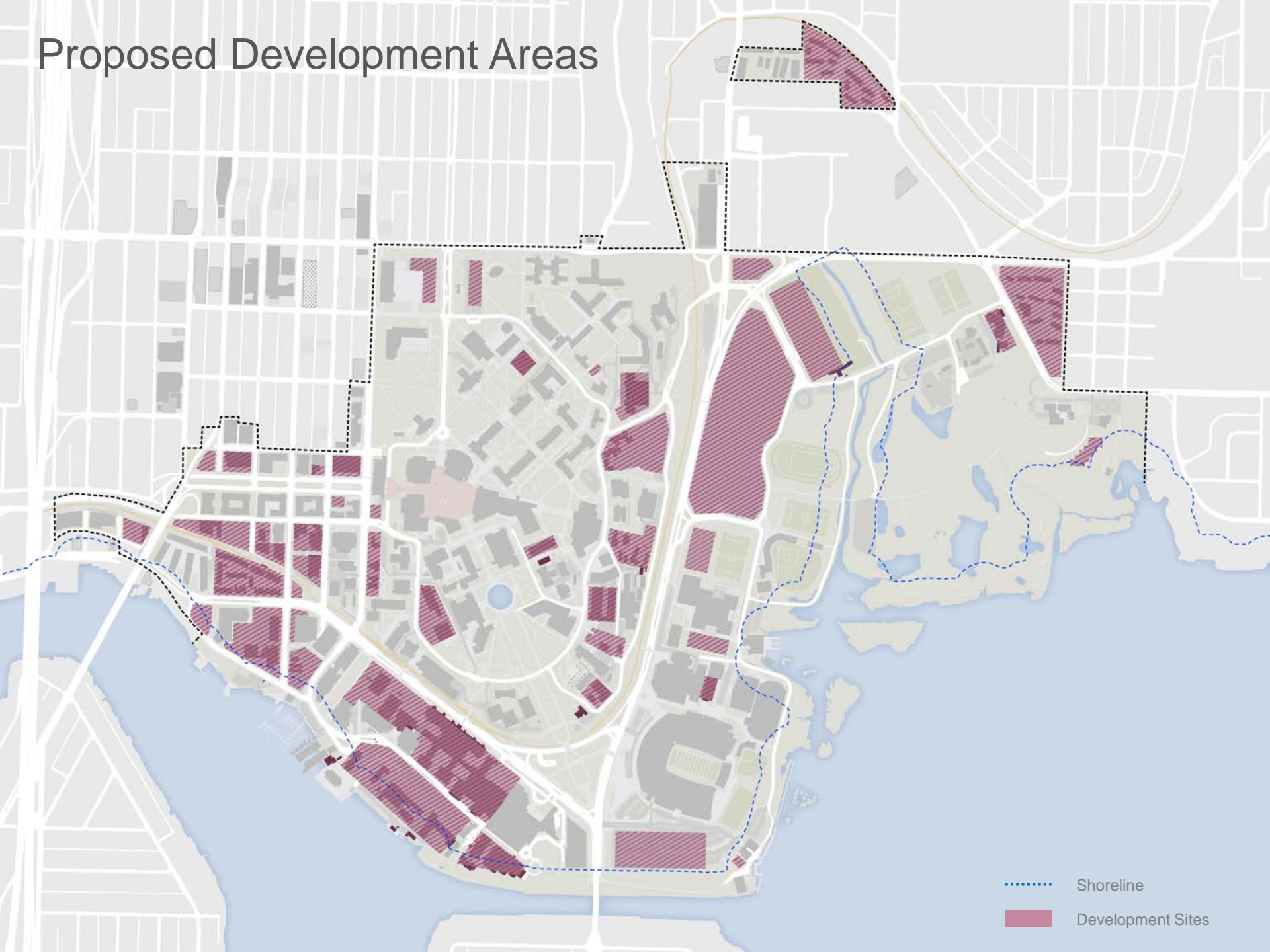


**Deferred Maintenance**



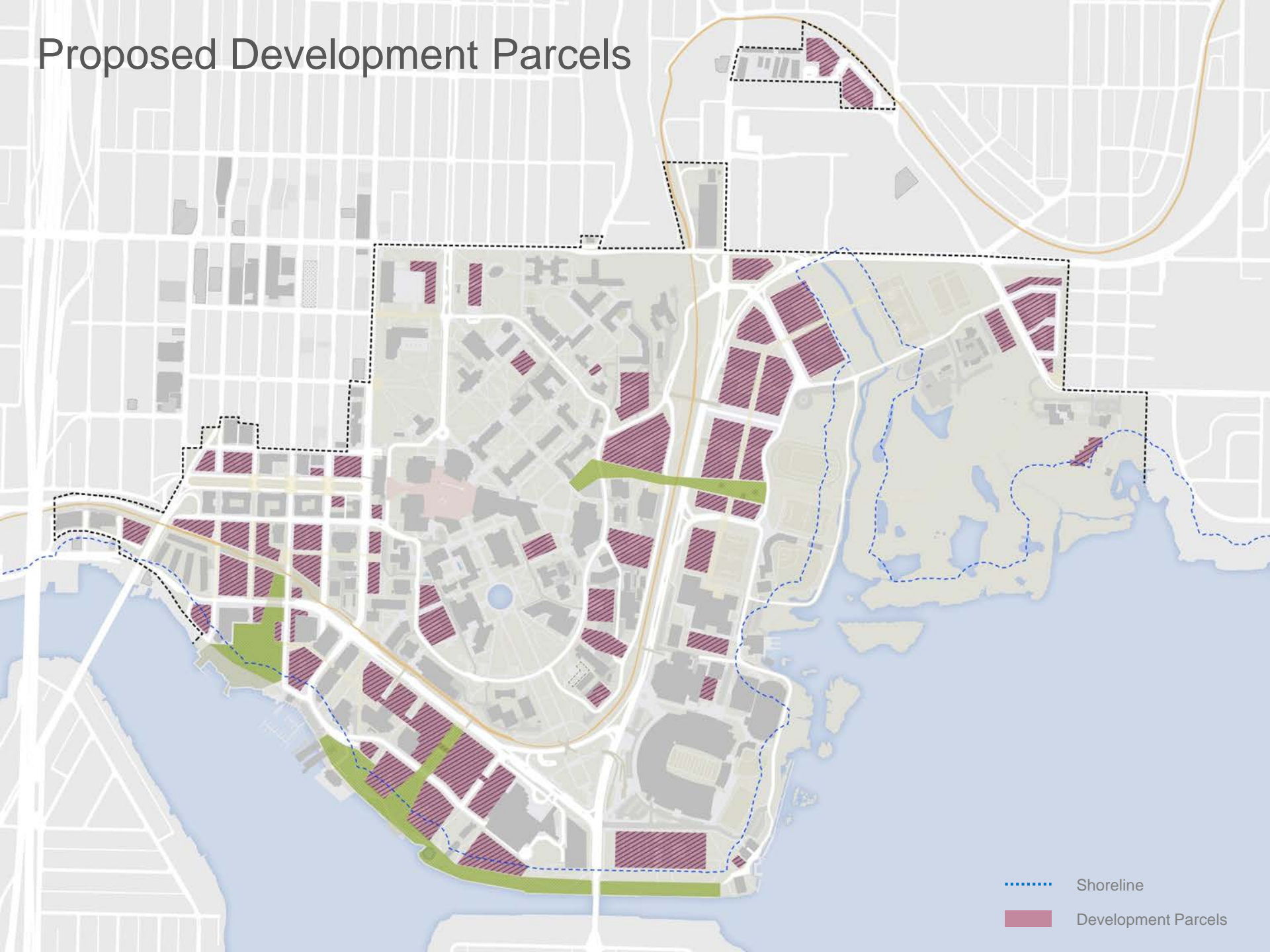
Source: Facilities Services Data

# Proposed Development Areas

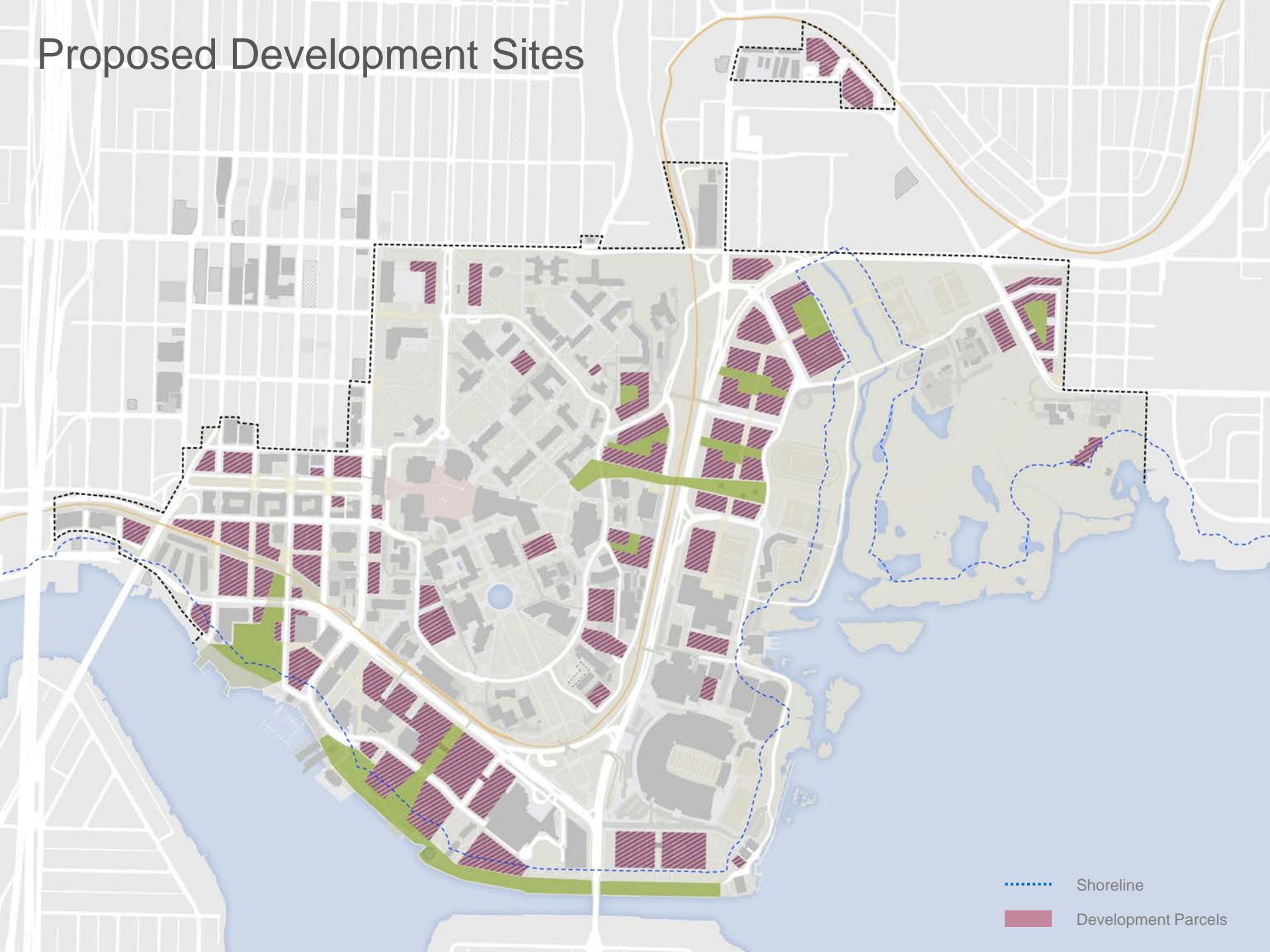


- ..... Shoreline
- Development Sites

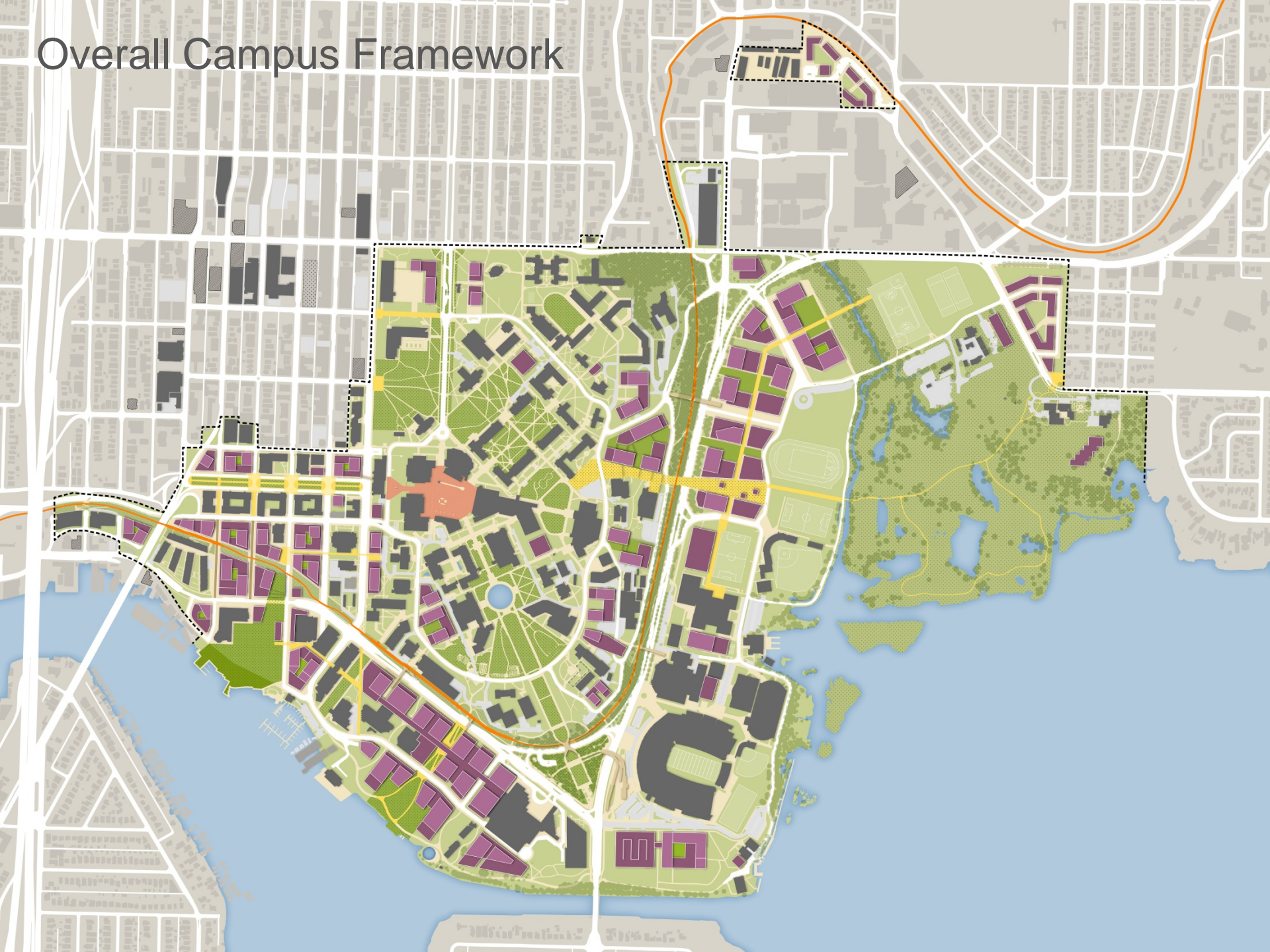
# Proposed Development Parcels



# Proposed Development Sites



# Overall Campus Framework



# Existing Massing

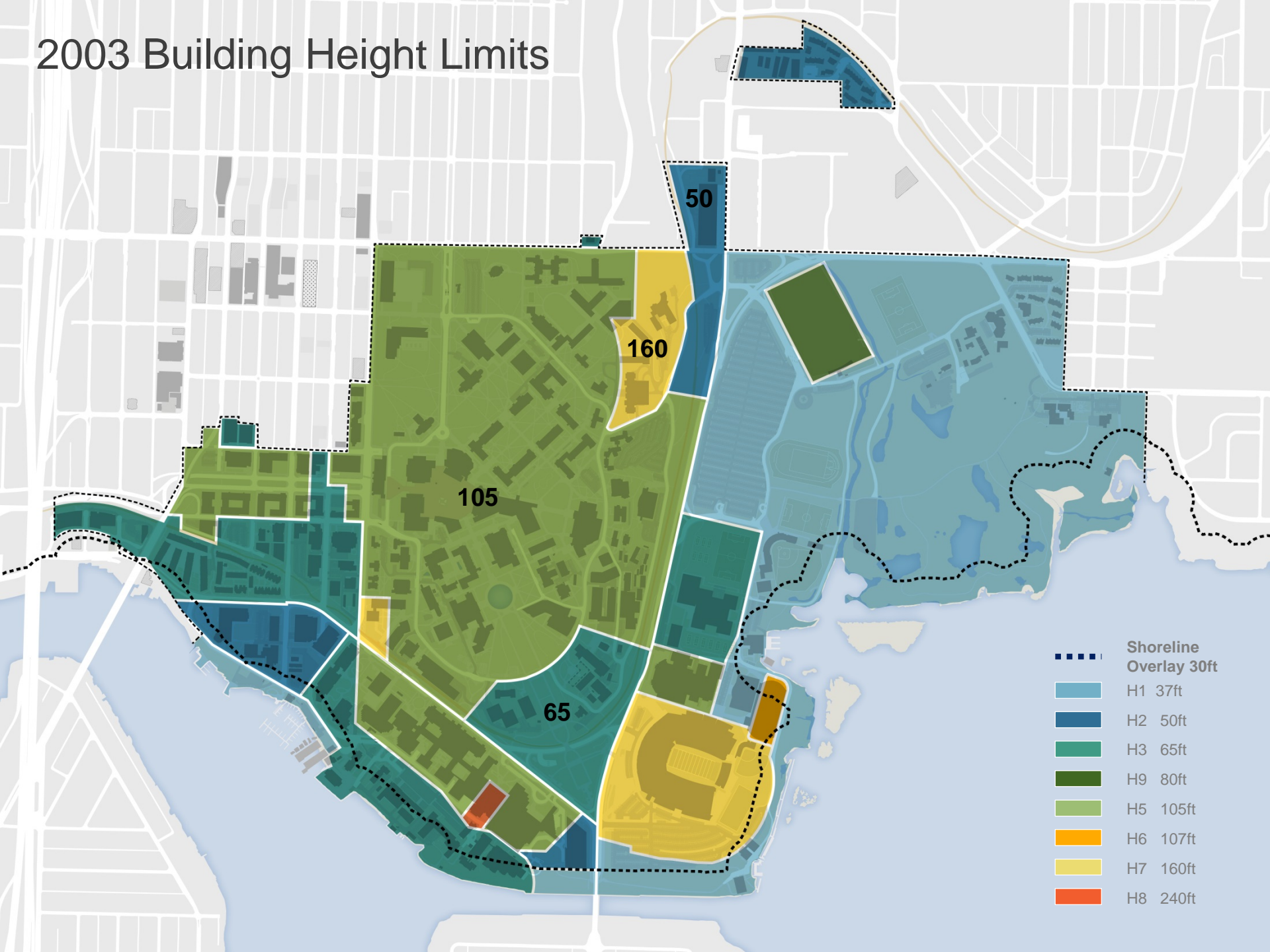


# Proposed Massing

West Campus:	3,700,000 GSF
Central Campus:	2,200,000 GSF
South Campus:	7,100,000 GSF (including UWMC)
East Campus:	4,800,000 GSF
<b>Total:</b>	<b>17,800,000 GSF</b>

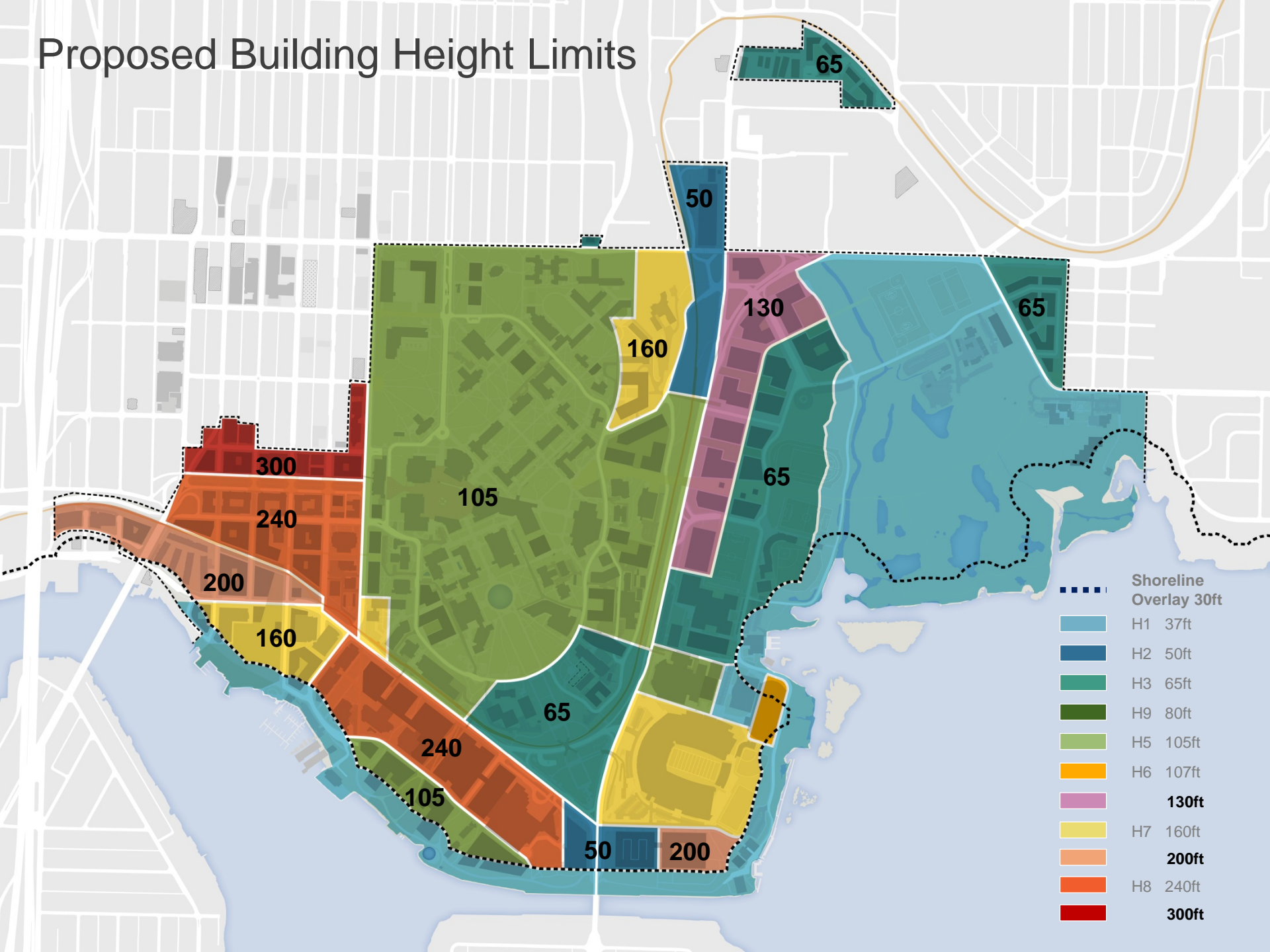


# 2003 Building Height Limits

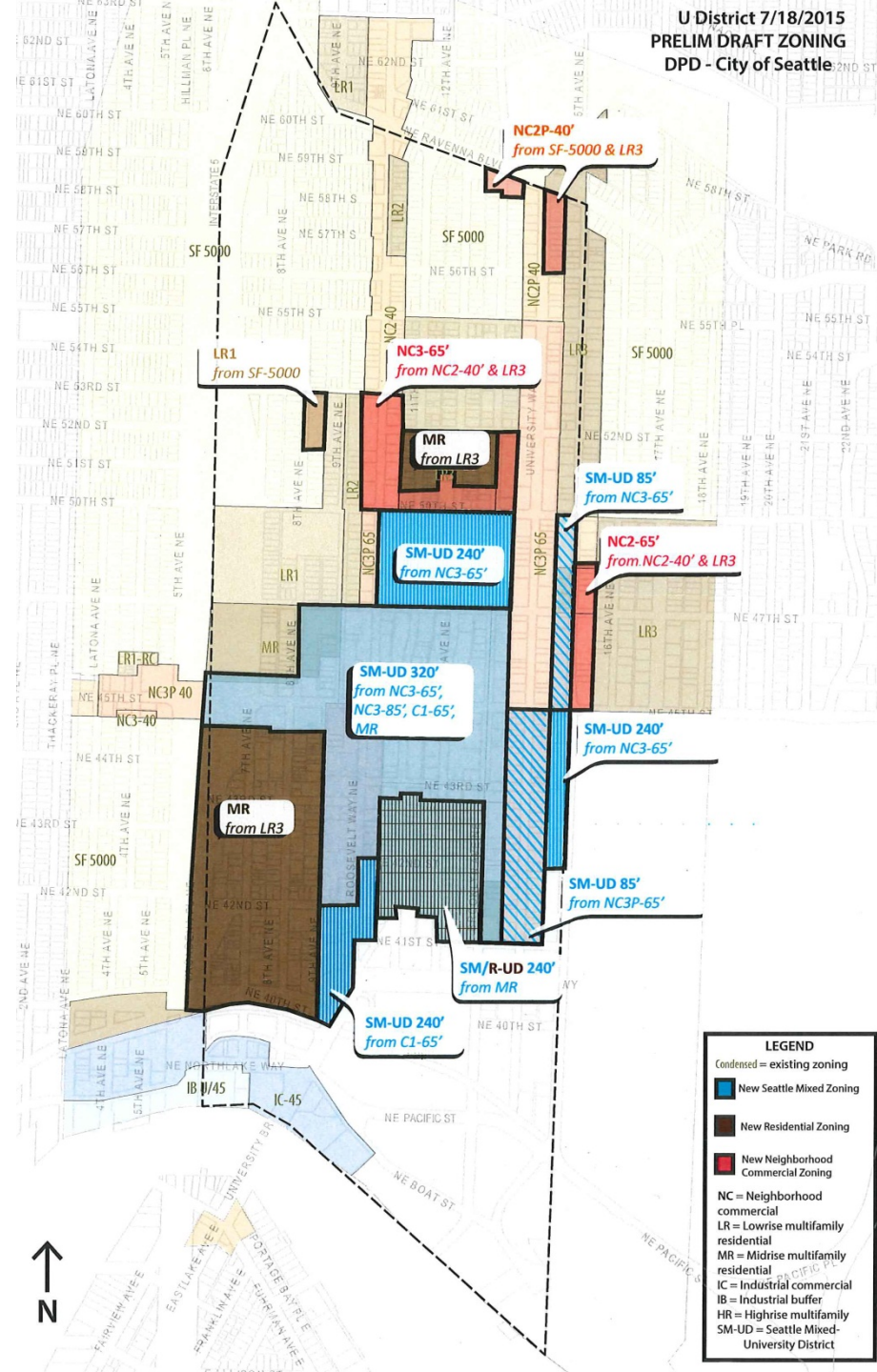
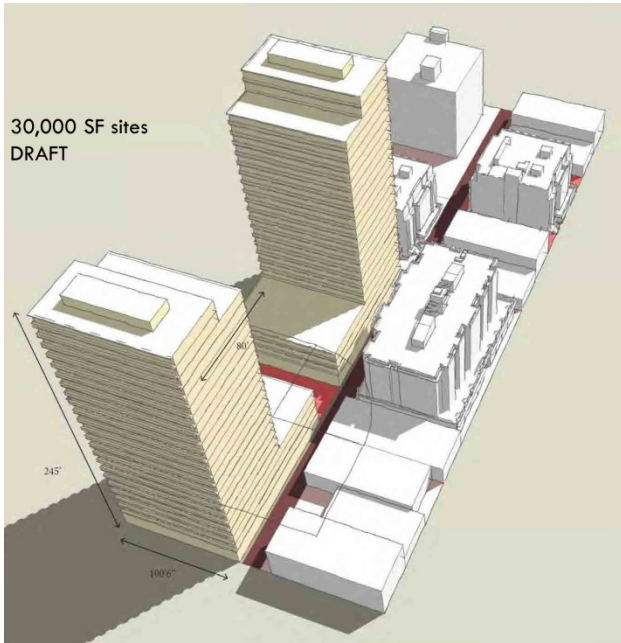
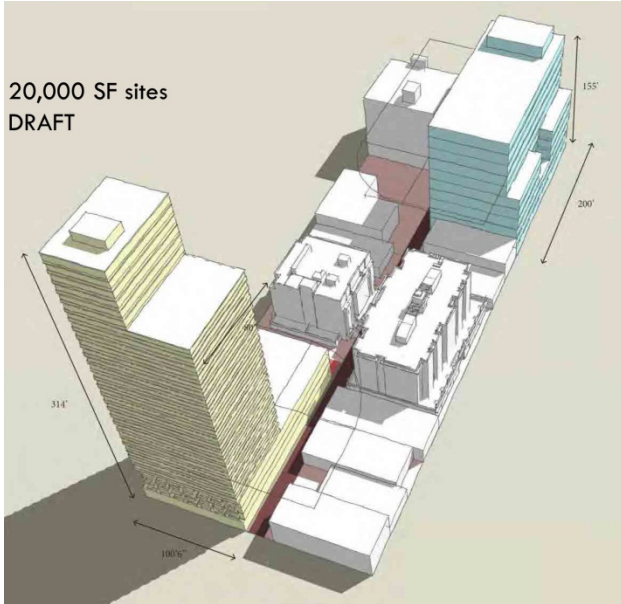




# Proposed Building Height Limits



# U District Proposed Zoning



# 2003 Height Limits vs Proposed Height Limits

- Capacity within 2003 height limits
- Capacity within proposed height limits



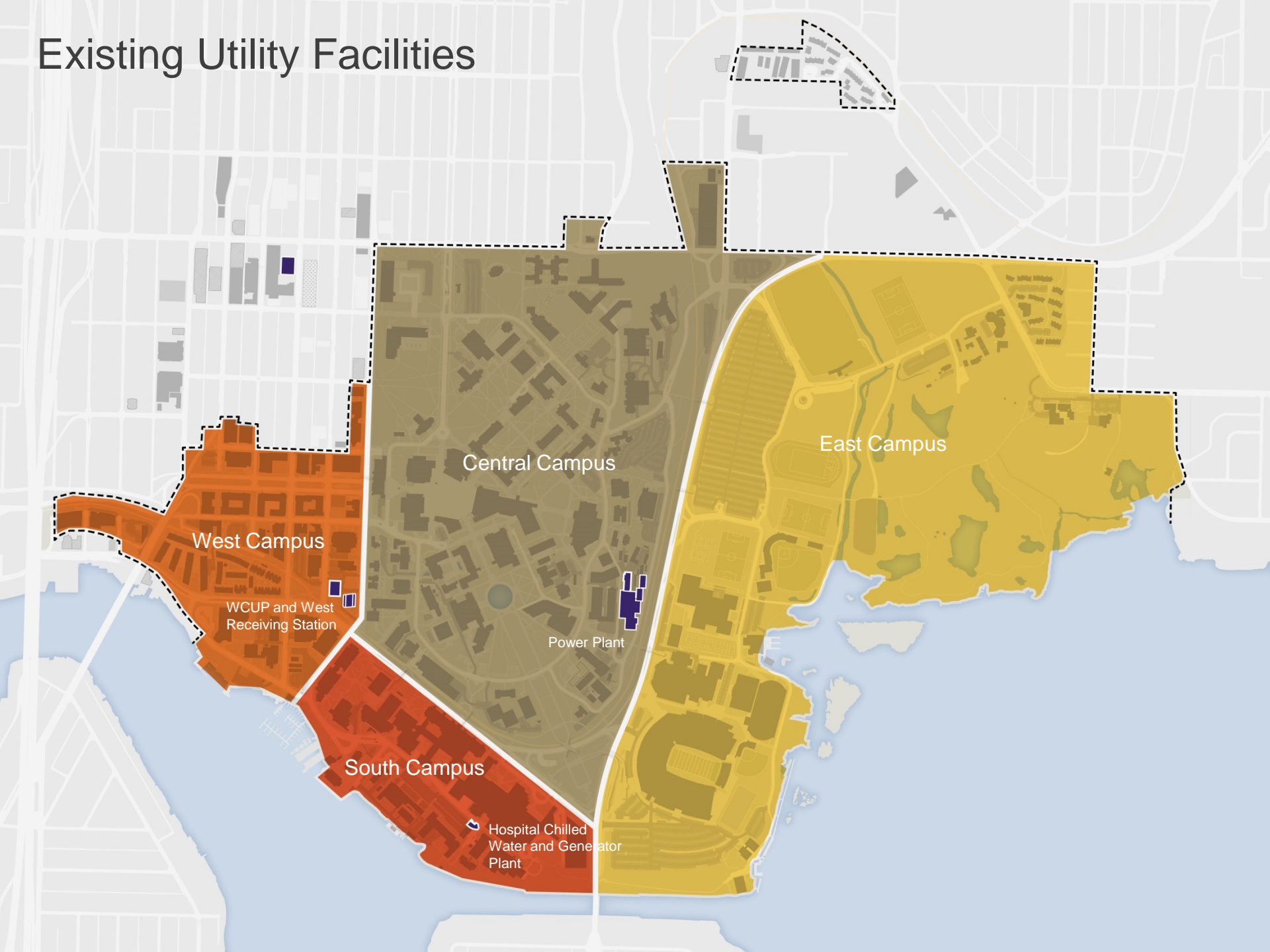
# 2003 Height Limits vs Proposed Height Limits

U-District zoning changes -  
for Illustrative Purposes Only



- Capacity within 2003 height limits
- Capacity within proposed height limits

# Existing Utility Facilities



# 5 CAMPUS PRECINCTS

**west campus**

**south campus**

**east campus**

**central campus**

# Campus Precincts

**WEST  
CAMPUS**

**CENTRAL  
CAMPUS**

**SOUTH  
CAMPUS**

**EAST-CAMPUS**



**west campus**





# West Campus Concepts




# West Campus Concepts



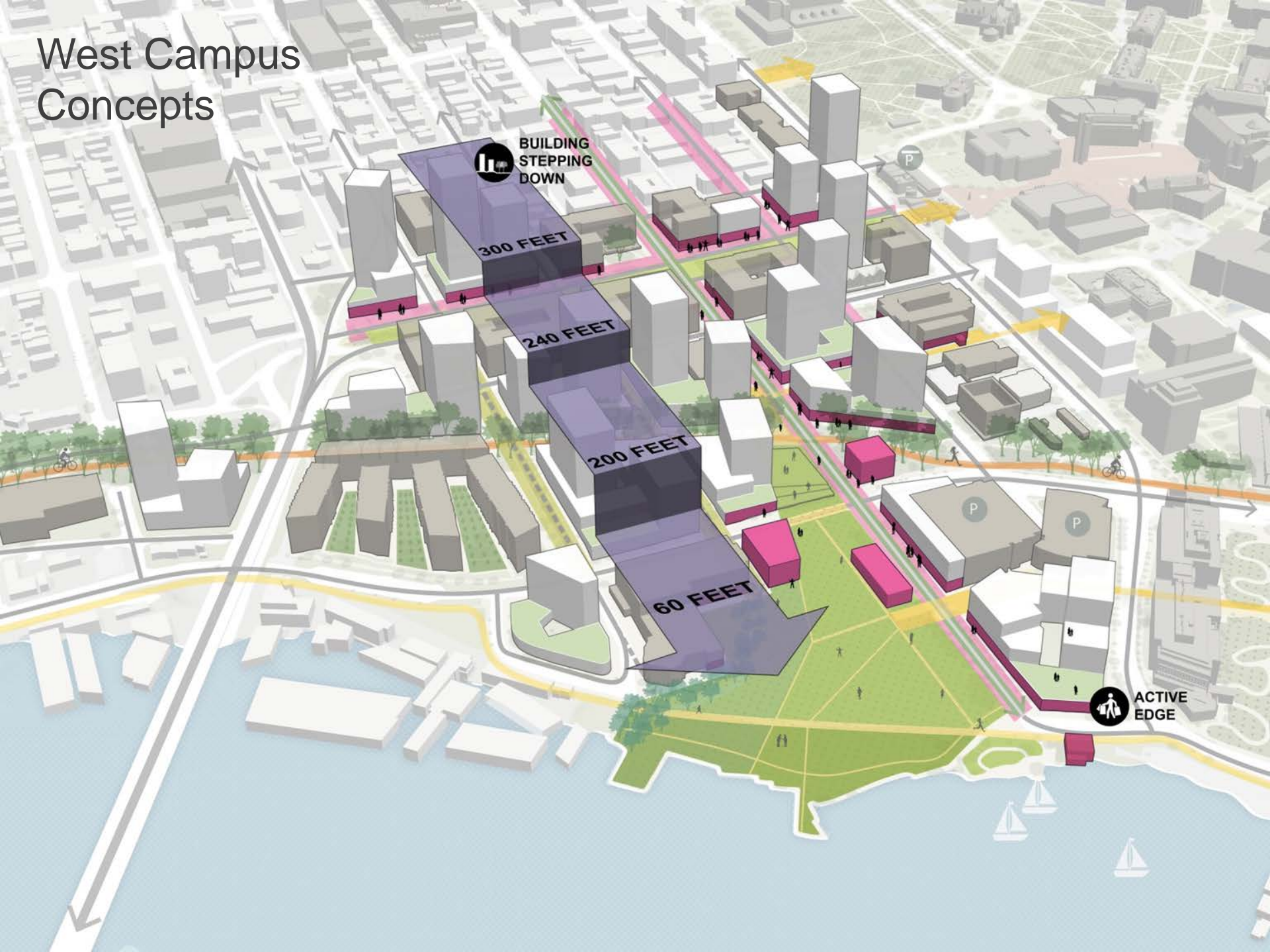
 **URBAN FARMING**

 **STORM WATER RESEARCH**

 **WATER ACTIVITIES**

 **CONNECT TO CENTRAL CAMPUS**

# West Campus Concepts



**BUILDING STEPPING DOWN**

300 FEET

240 FEET

200 FEET

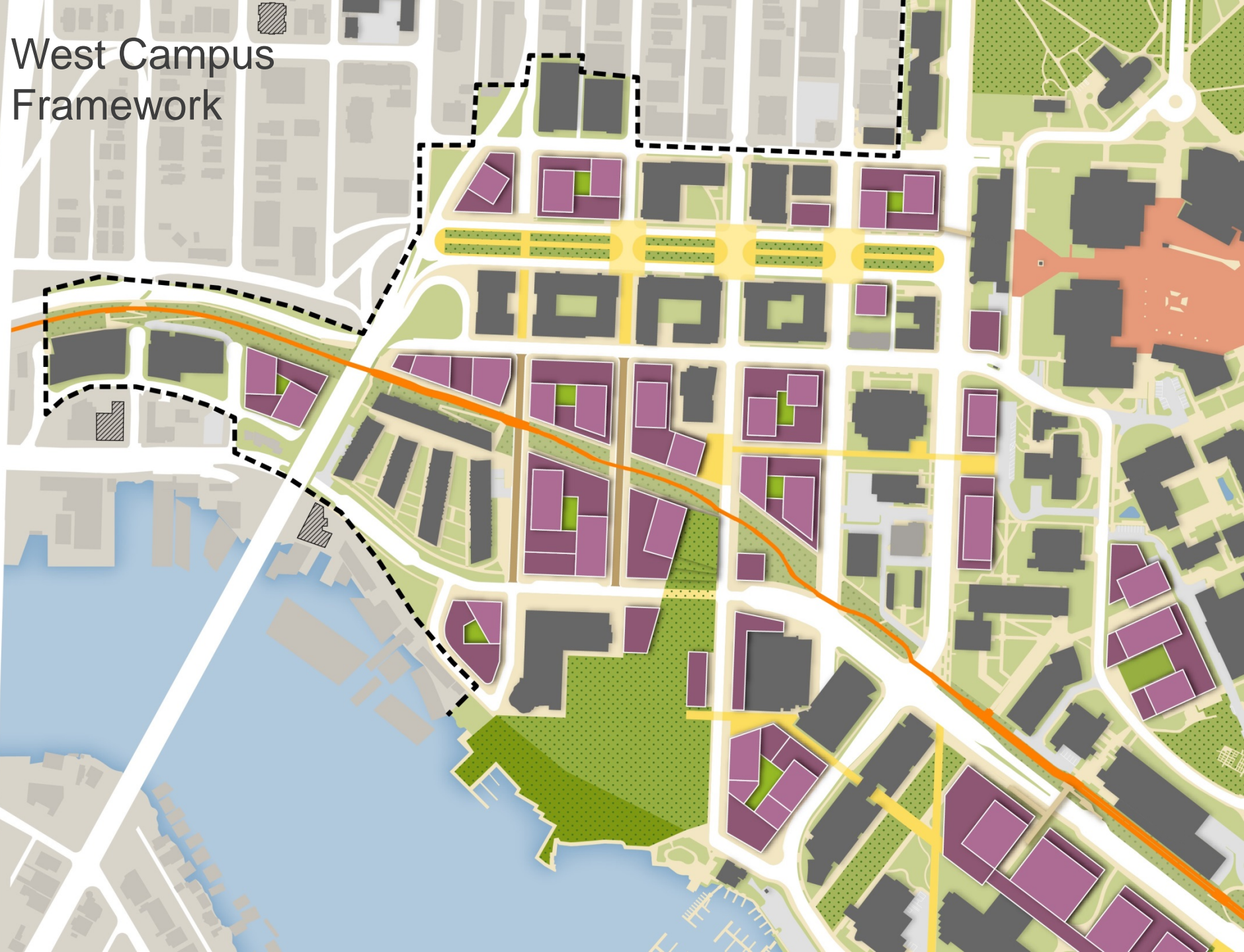
60 FEET

**ACTIVE EDGE**

# Building Heights



# West Campus Framework



**south campus**





# South Campus Today



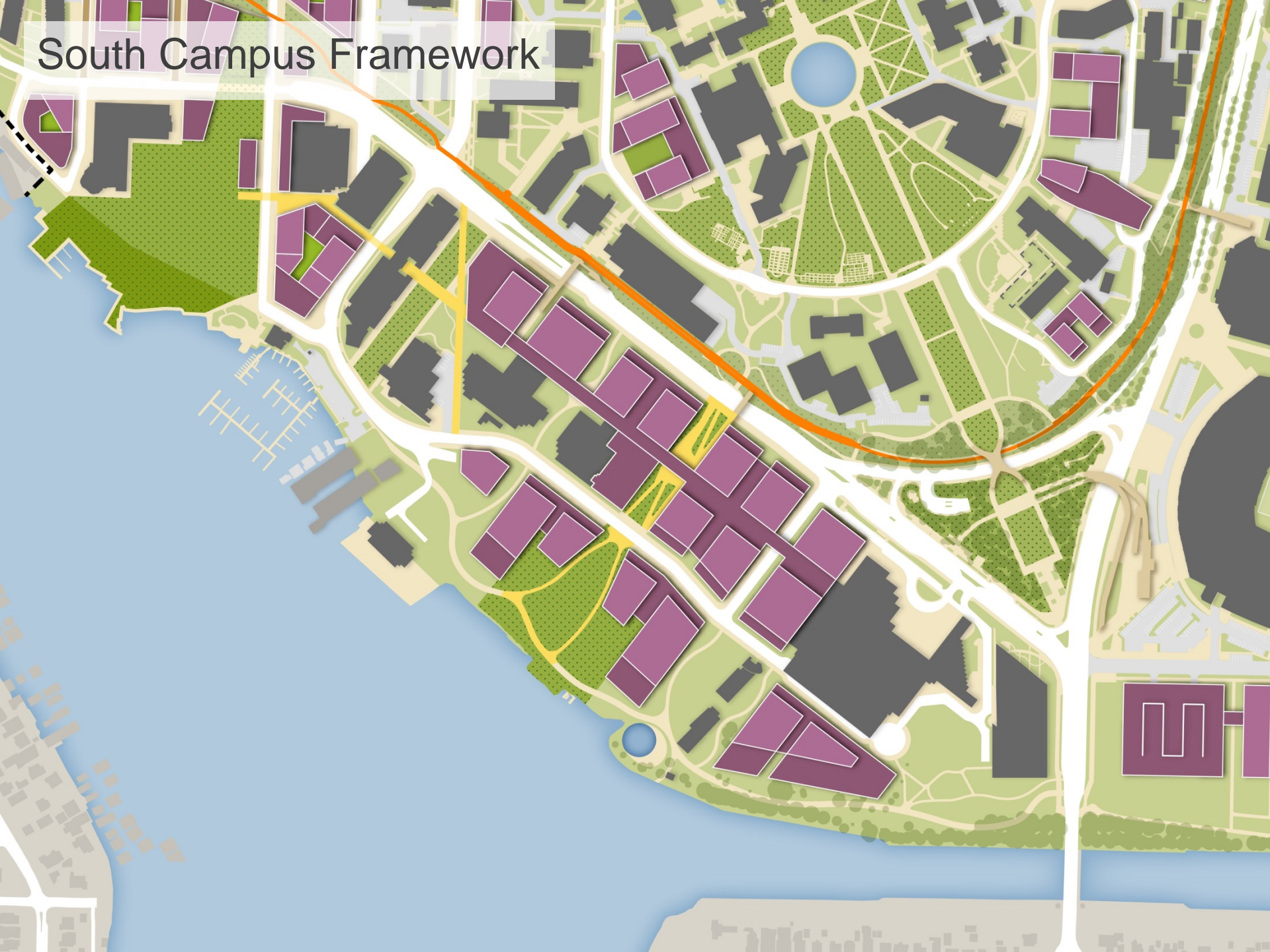
# South Campus – Big Moves



# South Campus – Integrated Massing



# South Campus Framework



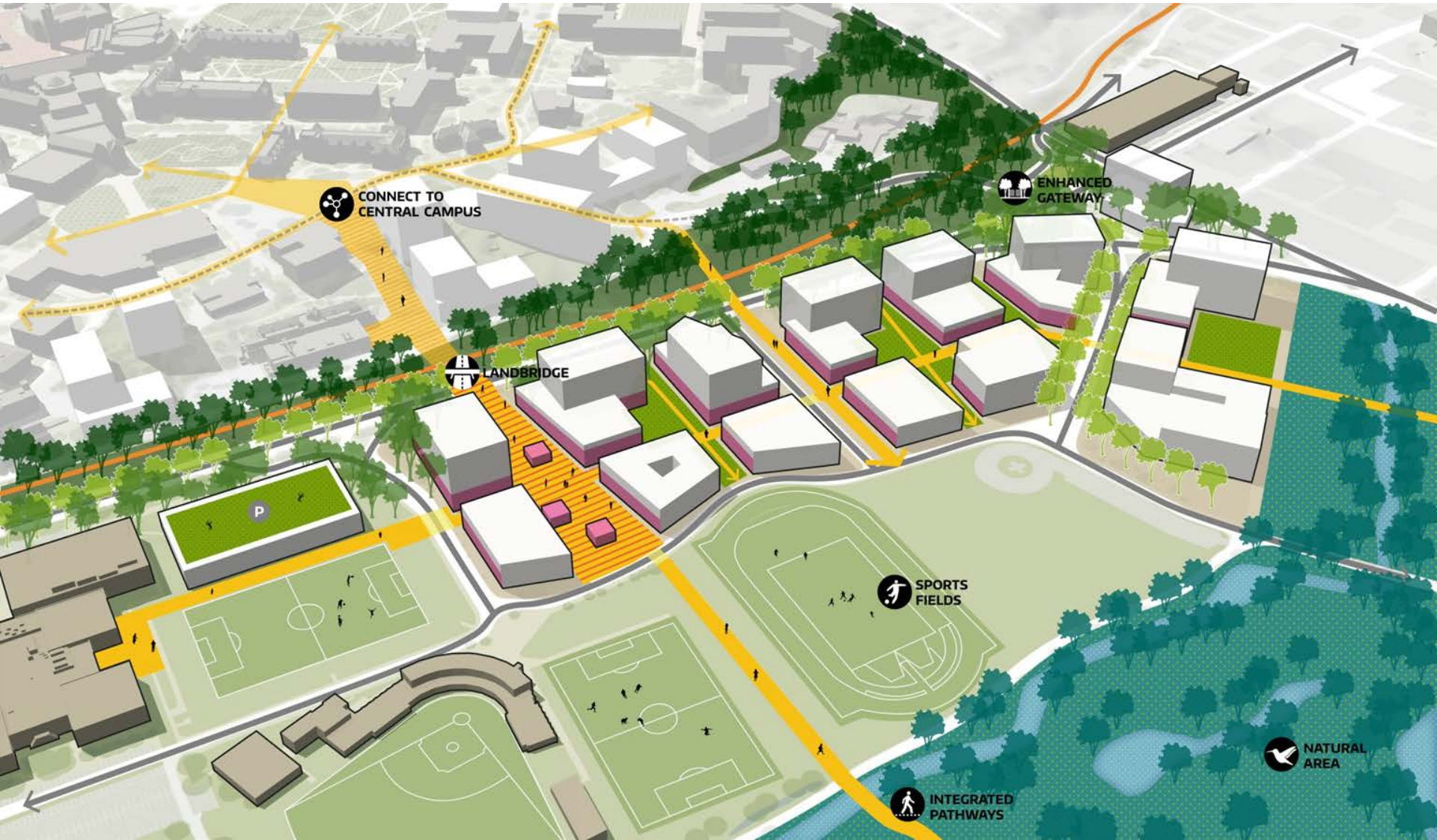
**east campus**



# East Campus Today



# East Campus Concepts

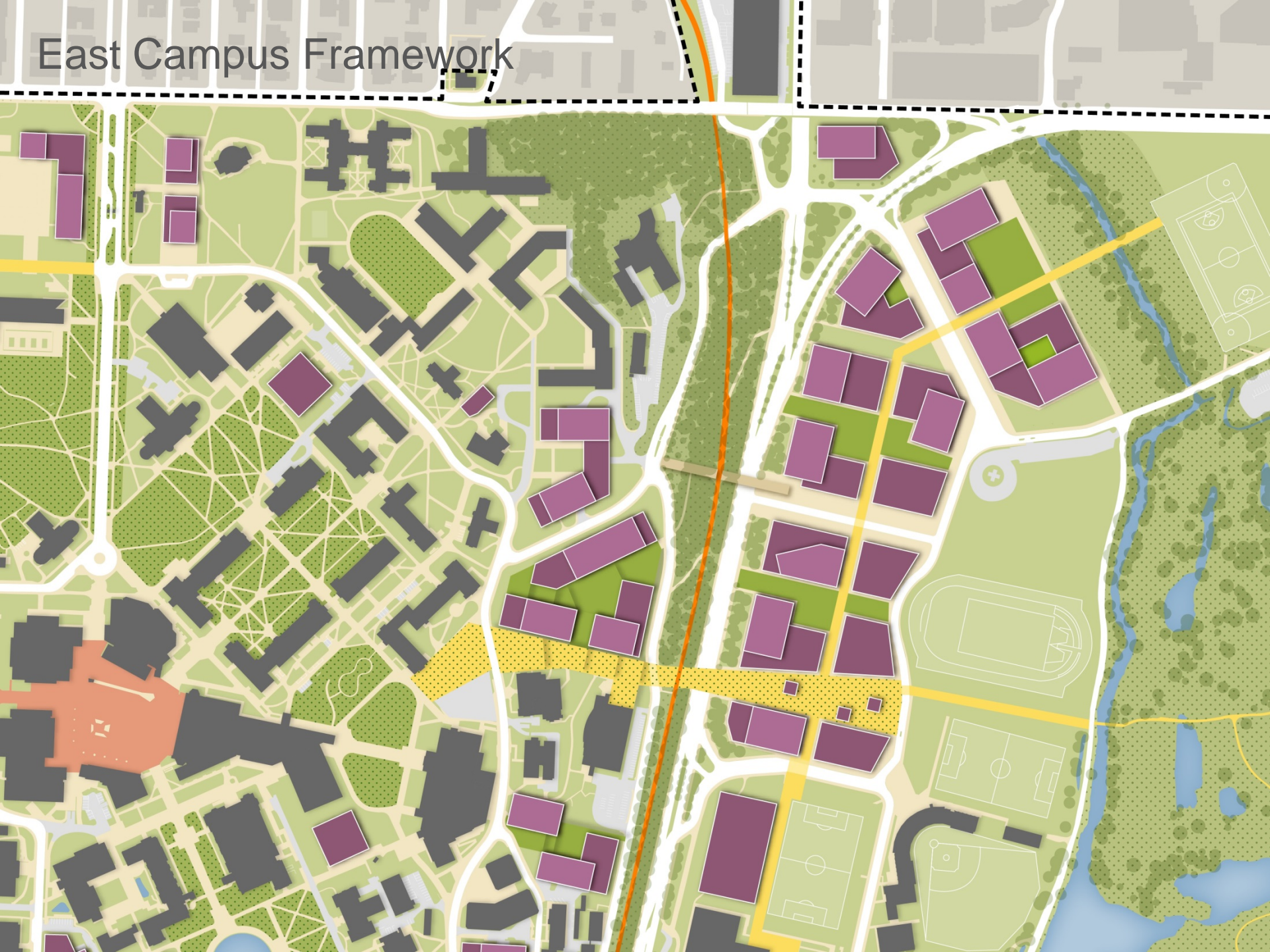




# Integrated Massing



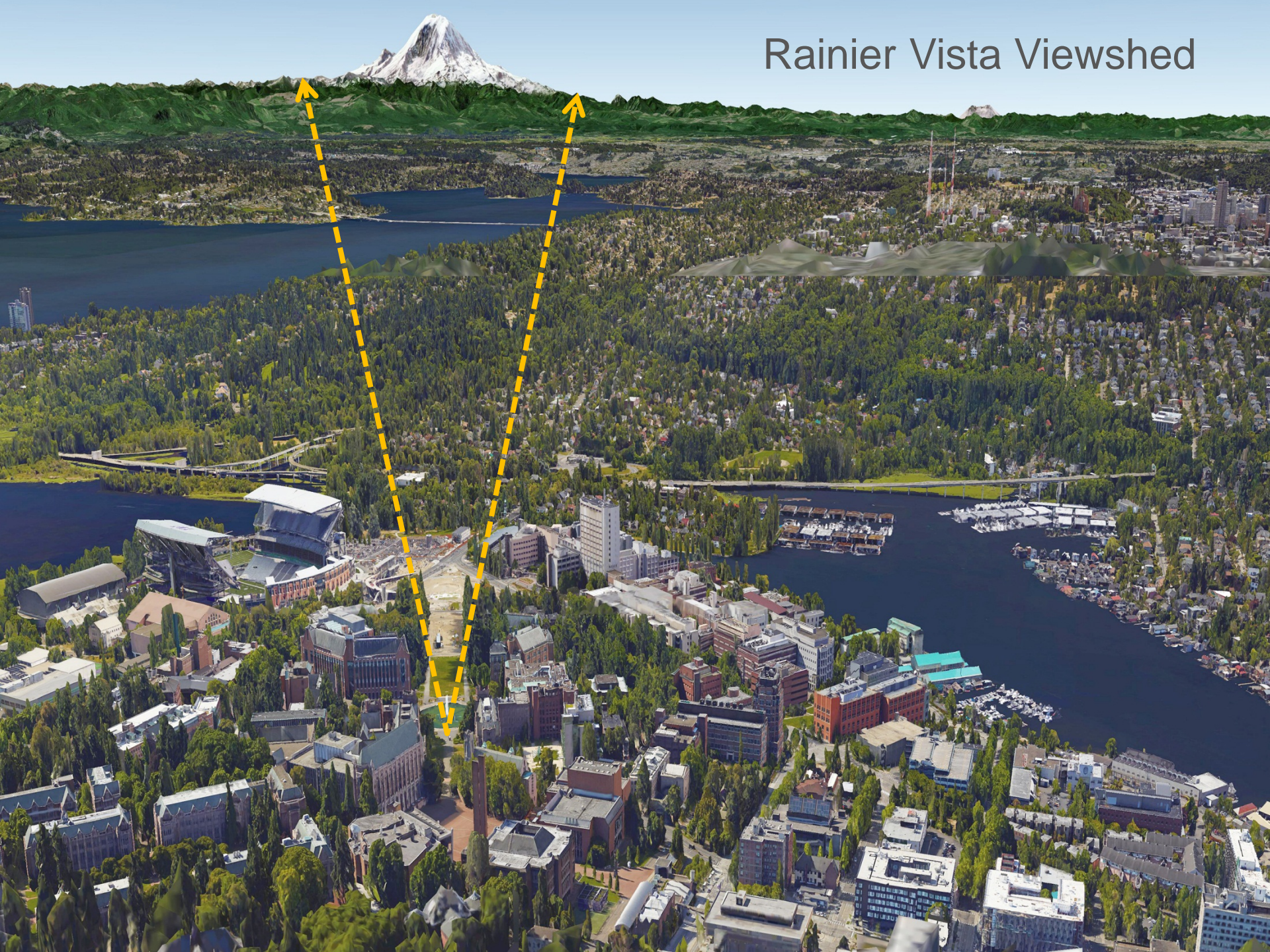
# East Campus Framework

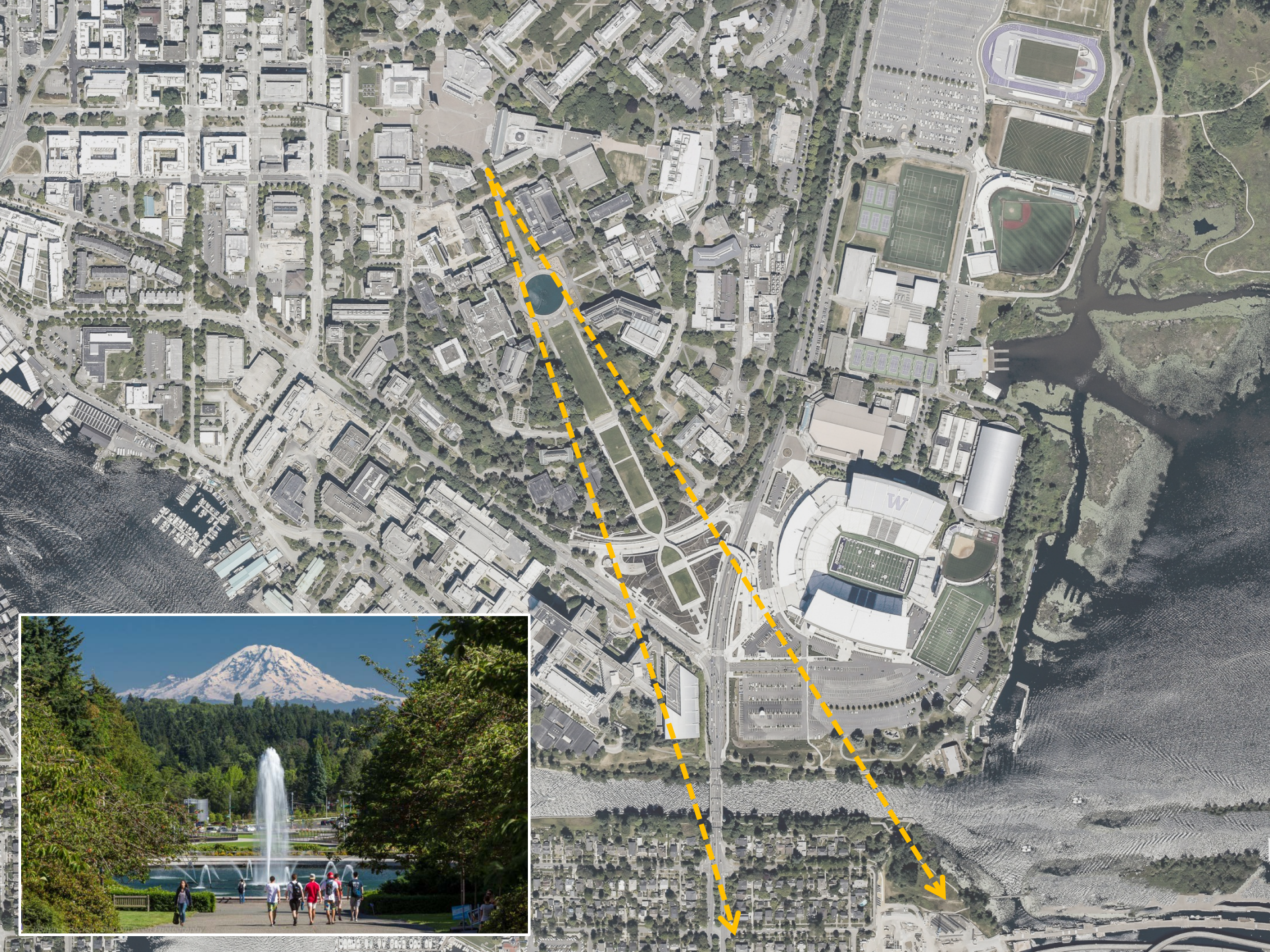


# East Campus Framework



# Rainier Vista Viewshed





**central campus**



# Central Campus Today





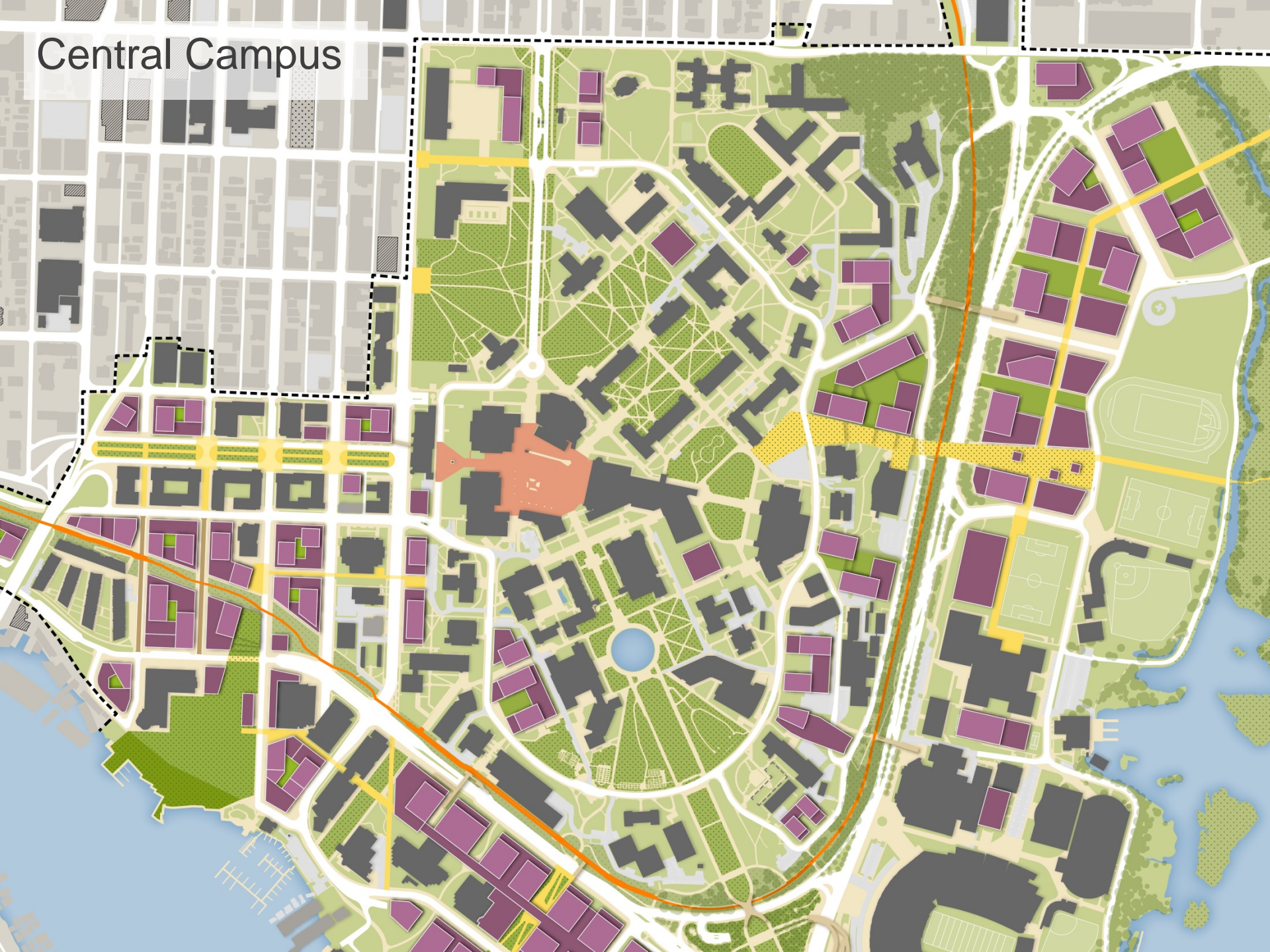
# Central Campus – Big Moves



# Integrated Massing



# Central Campus



# 6 SYNTHESIS

# Campus Transformation

**SITE**

**STREET NETWORK**

**SURFACE PARKING**

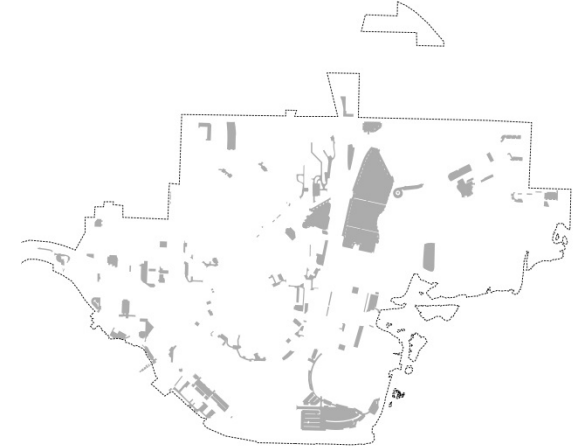
**EXISTING**



**100%** 620 ac



**10.5%** 65 ac

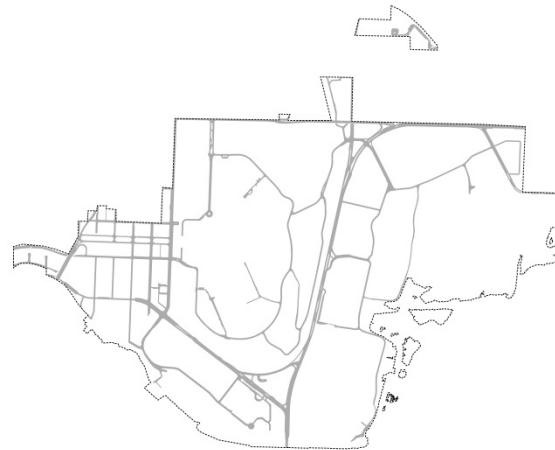


**10.1%** 63 ac

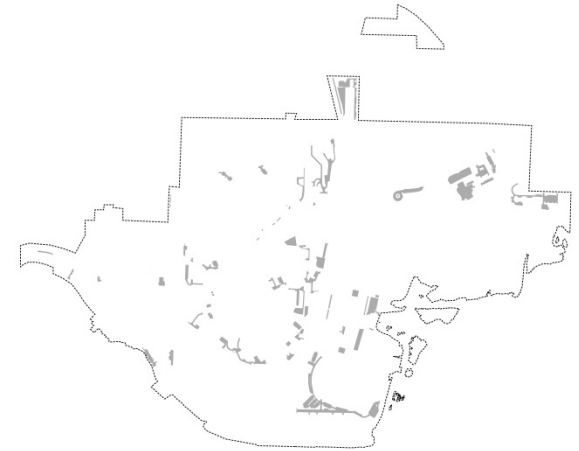
**PROPOSED**



**100%** 620 ac



**9.8%** 61 ac



**3.7%** 23 ac

# Campus Transformation

**BUILT FABRIC**

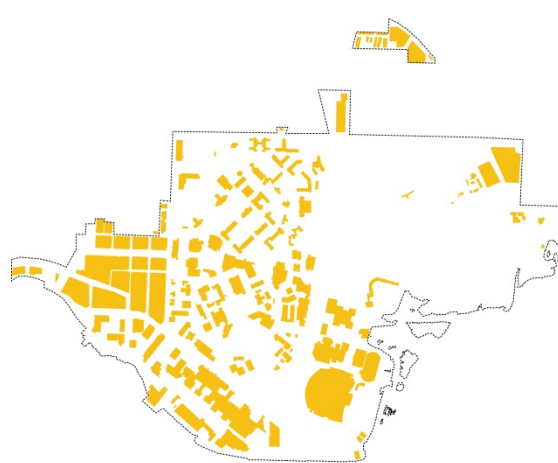
**DEVELOPABLE AREA**

**PRIMARY OPEN SPACES**

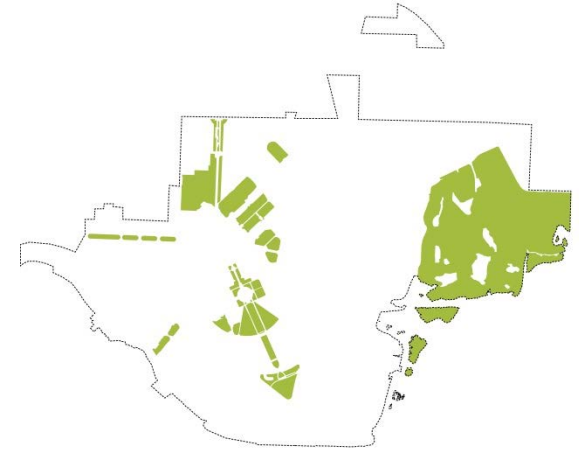
**EXISTING**



**17.2%** 107 ac



**21.7%** 134 ac

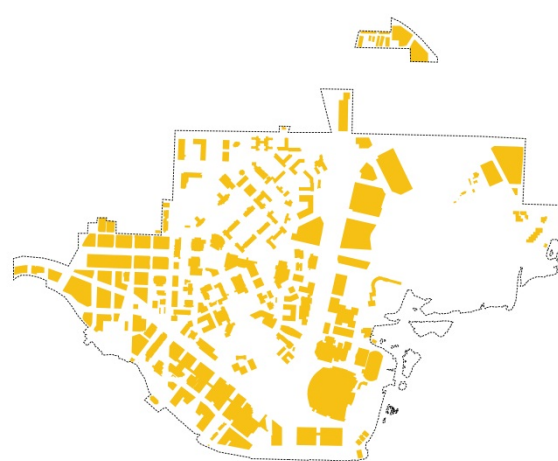


**19%** 118 ac

**PROPOSED**



**22.7%** 141 ac

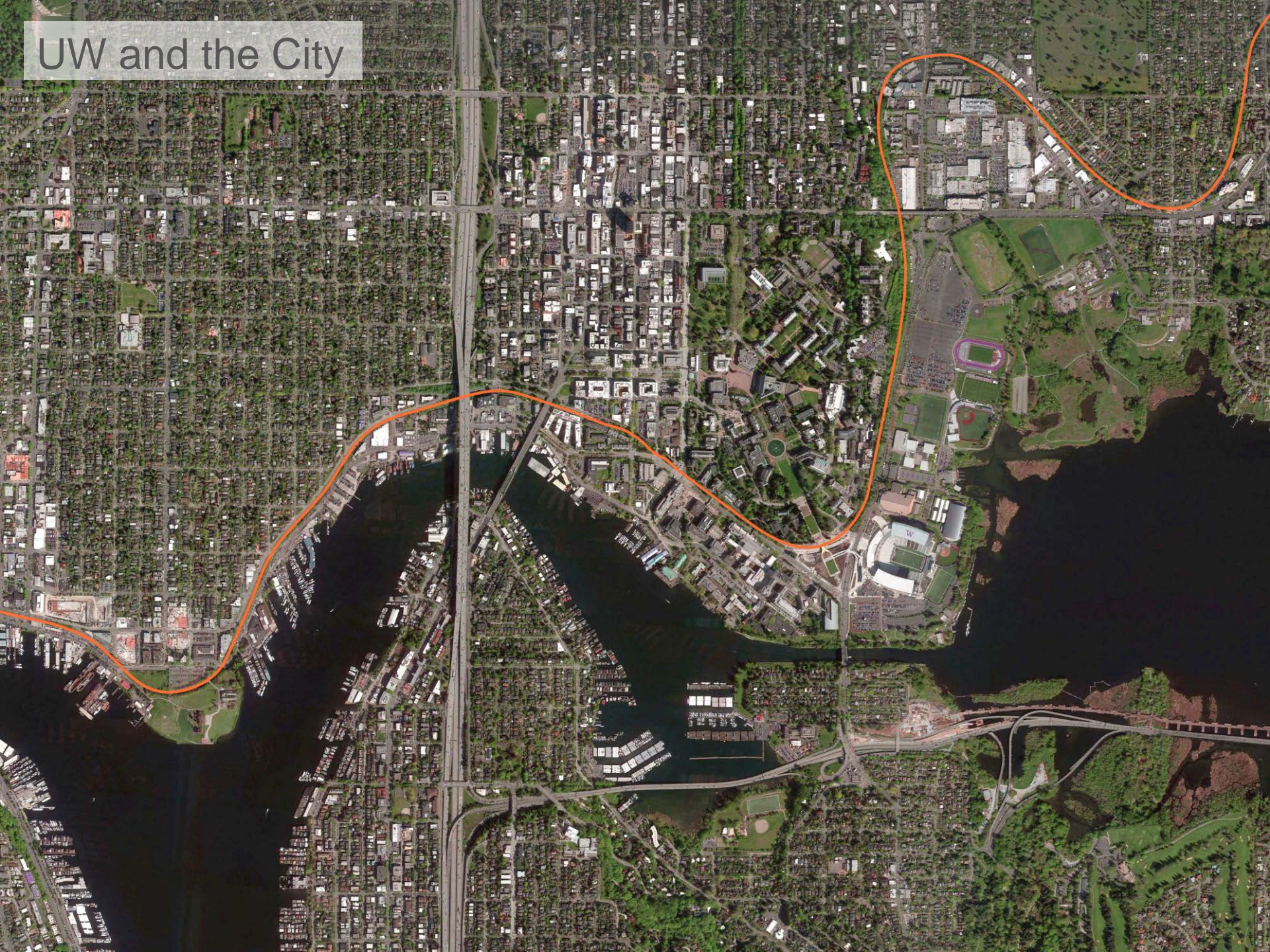


**26.3%** 163 ac



**26.6%** 165 ac

# UW and the City



# UW and the City





