

UNIVERSITY *of* WASHINGTON

UW Tacoma Milgard Hall

UW Architectural Commission
December 16, 2019



Overview

- **Where we are today**
- **Development since 2008 Campus Master Plan**
- **Share Current Work on Campus Development Plan**
- **Review Predesign Findings**
- **Goals and Programming**





UNIVERSITY *of* WASHINGTON

Where we are today



W



Board of Regents

- **At the Nov. Meeting the following was approved**
 - **Design/Preconstruction Budget**
 - **Site**
 - **Name**
 - **Authority to select a Design/Builder**





Current Milestones

- **RFQ for Builder released Dec. 10th**
- **Letter of Intent open to architects Dec. 10th**
- **Responses from Builders due Jan. 7th**





UNIVERSITY *of* WASHINGTON

Campus Master Plan



W

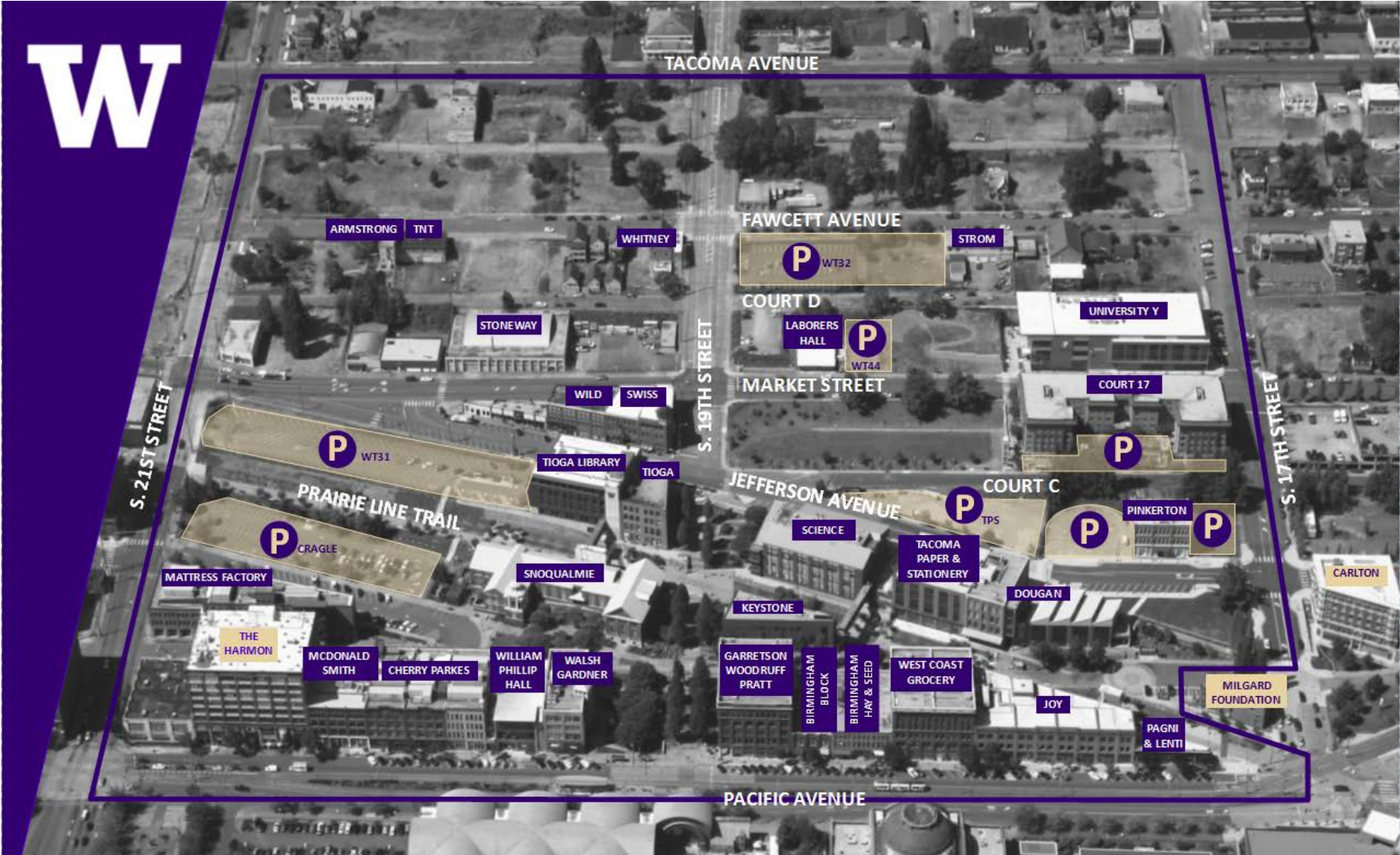
Campus Context



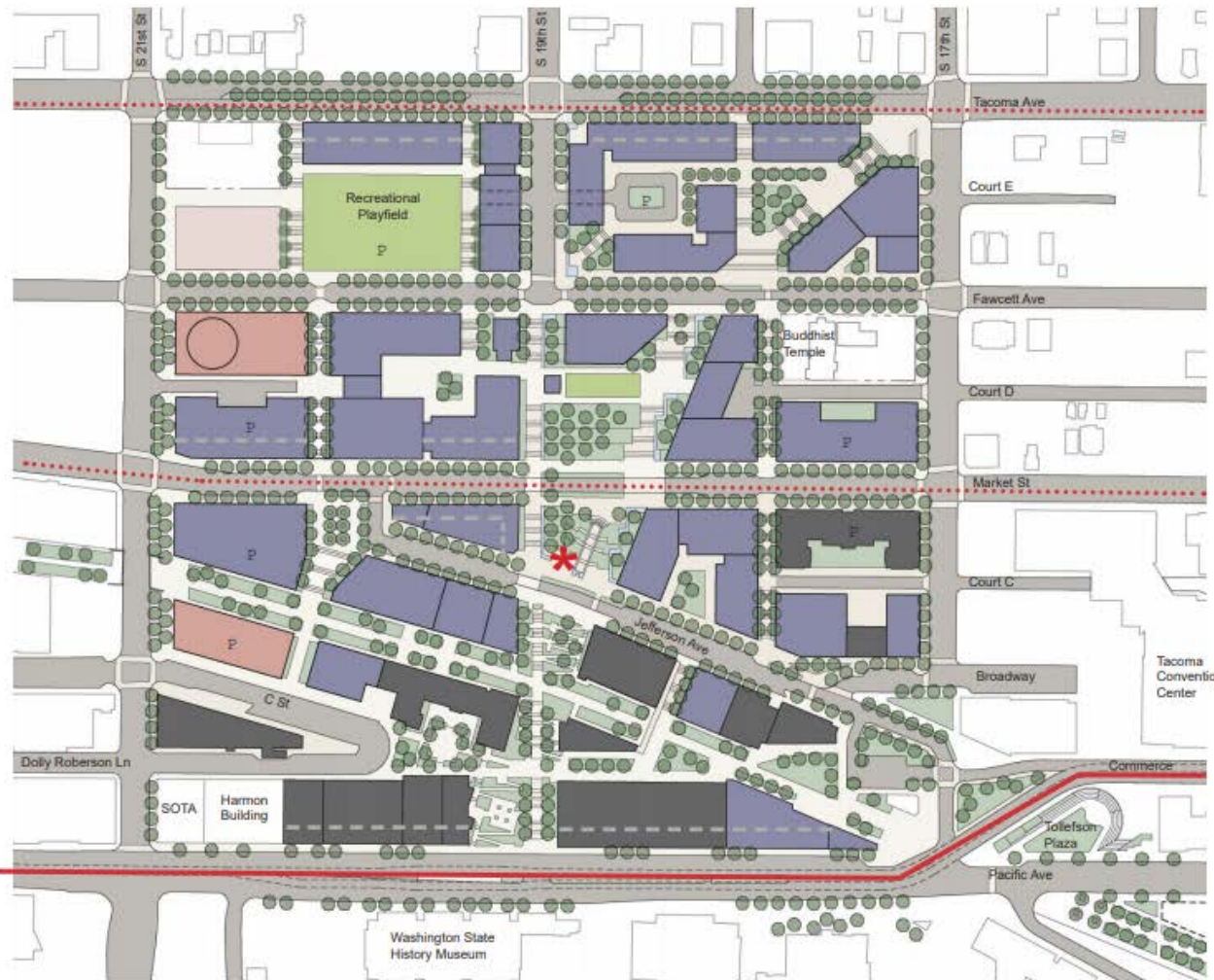
Figure 1 | UW Tacoma Vicinity Map 1



Campus Footprint



2008 Campus Master Plan



Legend

Academics & Services

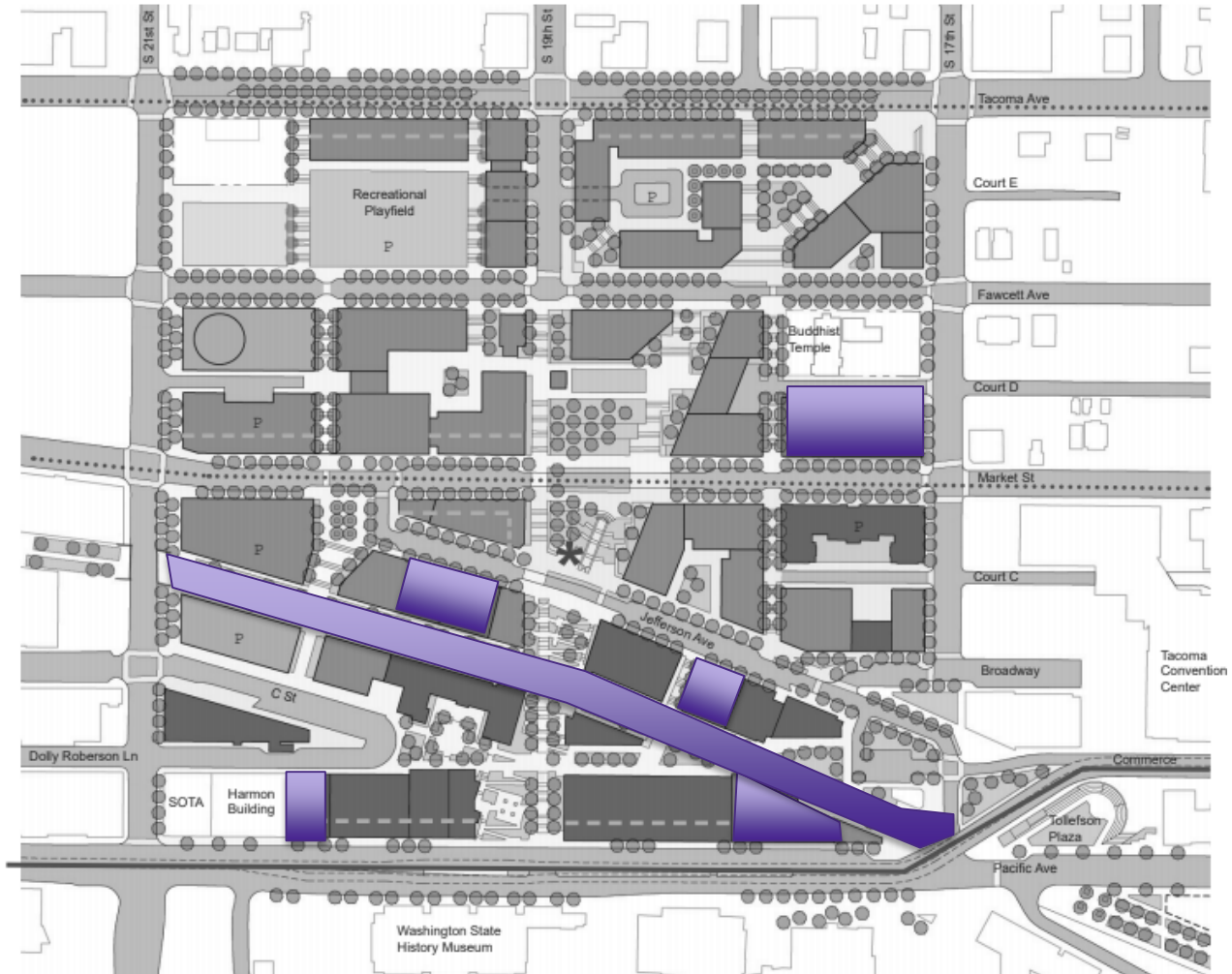
- Existing UW Tacoma
- Future UW Tacoma
- Facilities - Warehouse/CP
- Facilities - Grounds Storage
- * Japanese Language School Memorial Garden
- Retail

Transportation

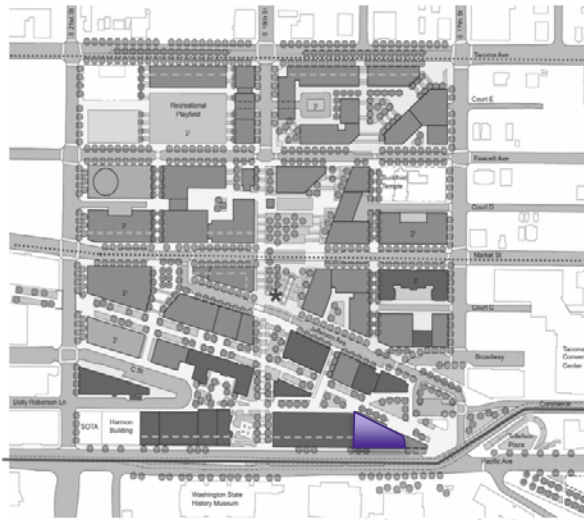
- Existing Public Transit
- Potential Public Transit
- P Potential Parking (underground)



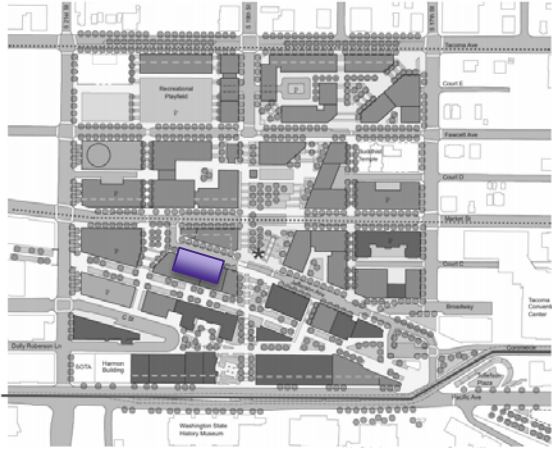
Work Completed Since 2008



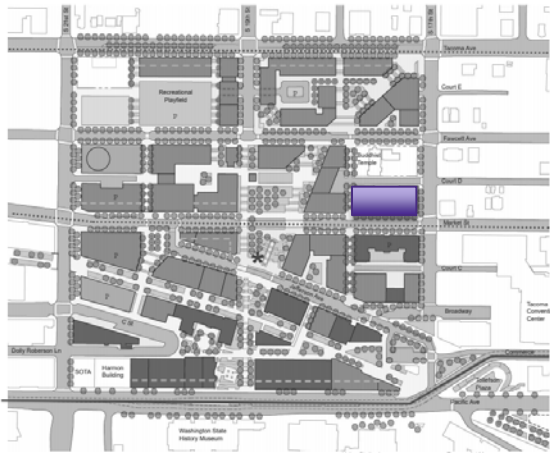
Joy-Hacker 2010



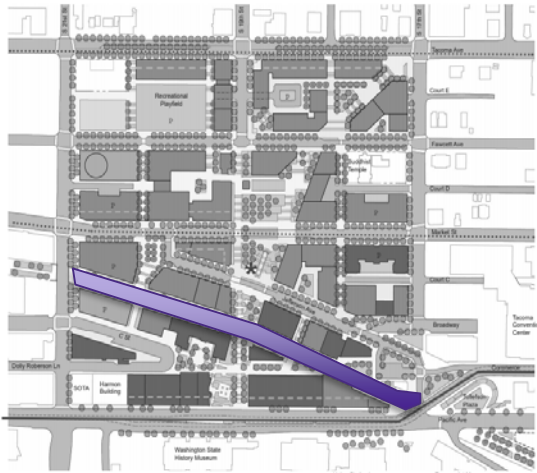
Tioga Library Building- Hacker 2012



UW YMCA– McGranahan 2013



Prairie Line Trail– PLACE 2013-14



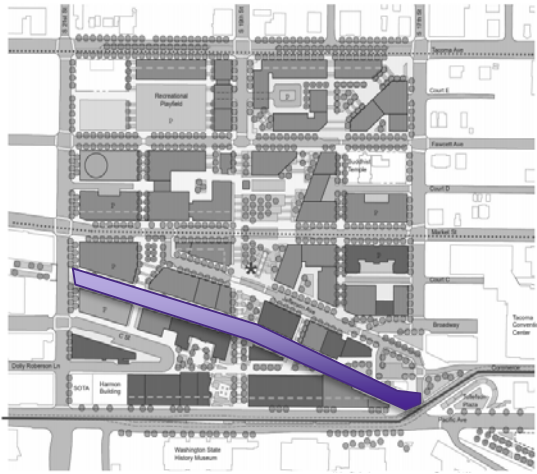
Before



After



Prairie Line Trail– PLACE 2013-14



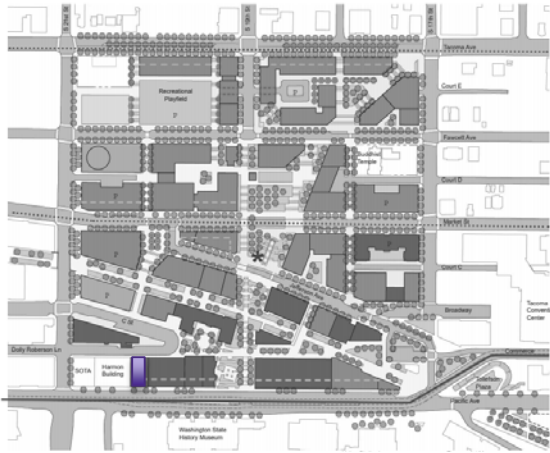
Before



After



McDonald Smith – Bassetti 2016





UNIVERSITY *of* WASHINGTON

Campus Development Plan



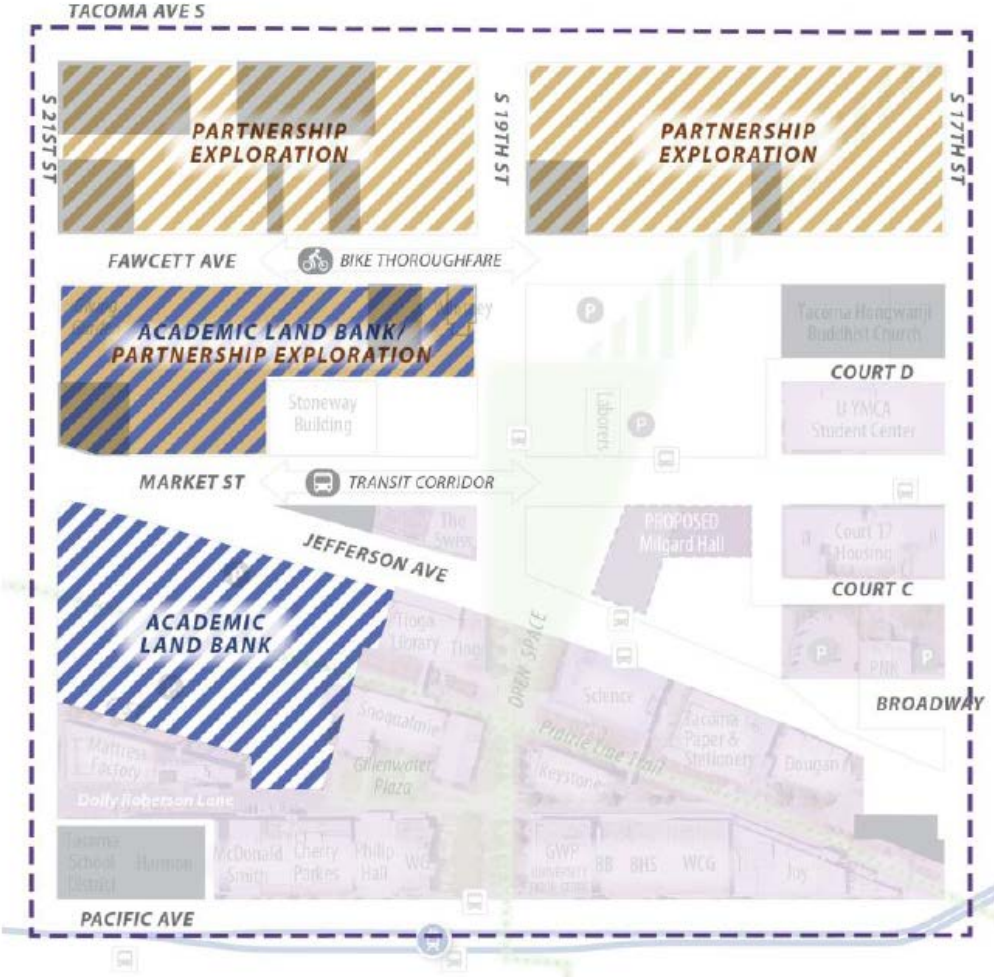
W

2019 Campus Development Plan - Heartland & Gensler

- 10 year development plan informed by:
 - Campus Master Plan
 - Current Market Influences
 - Activity Analysis
 - Housing Study
 - Transportation Plan



2019 Campus Development Plan





UNIVERSITY *of* WASHINGTON

Milgard Hall Predesign Findings



Predesign Site

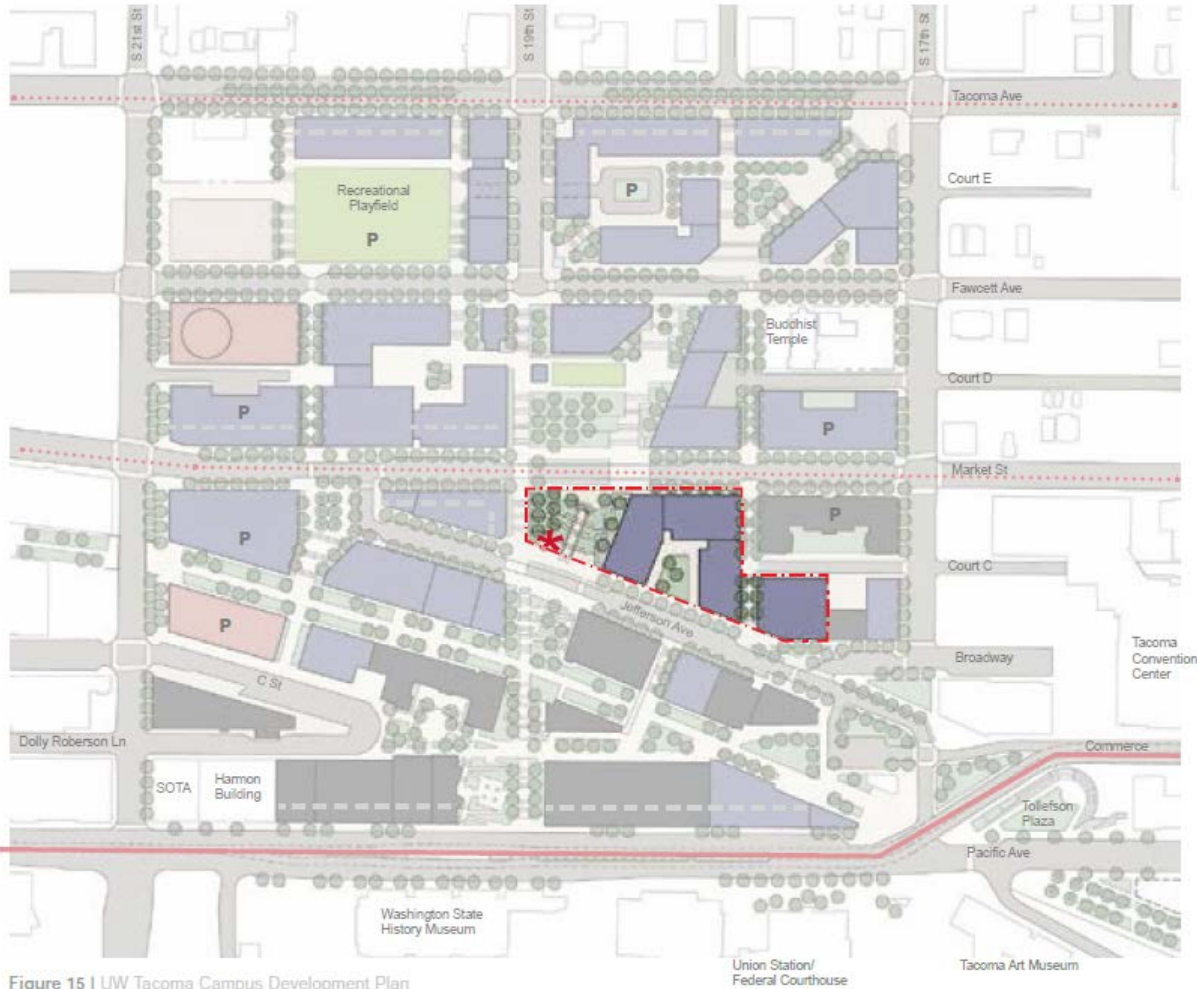
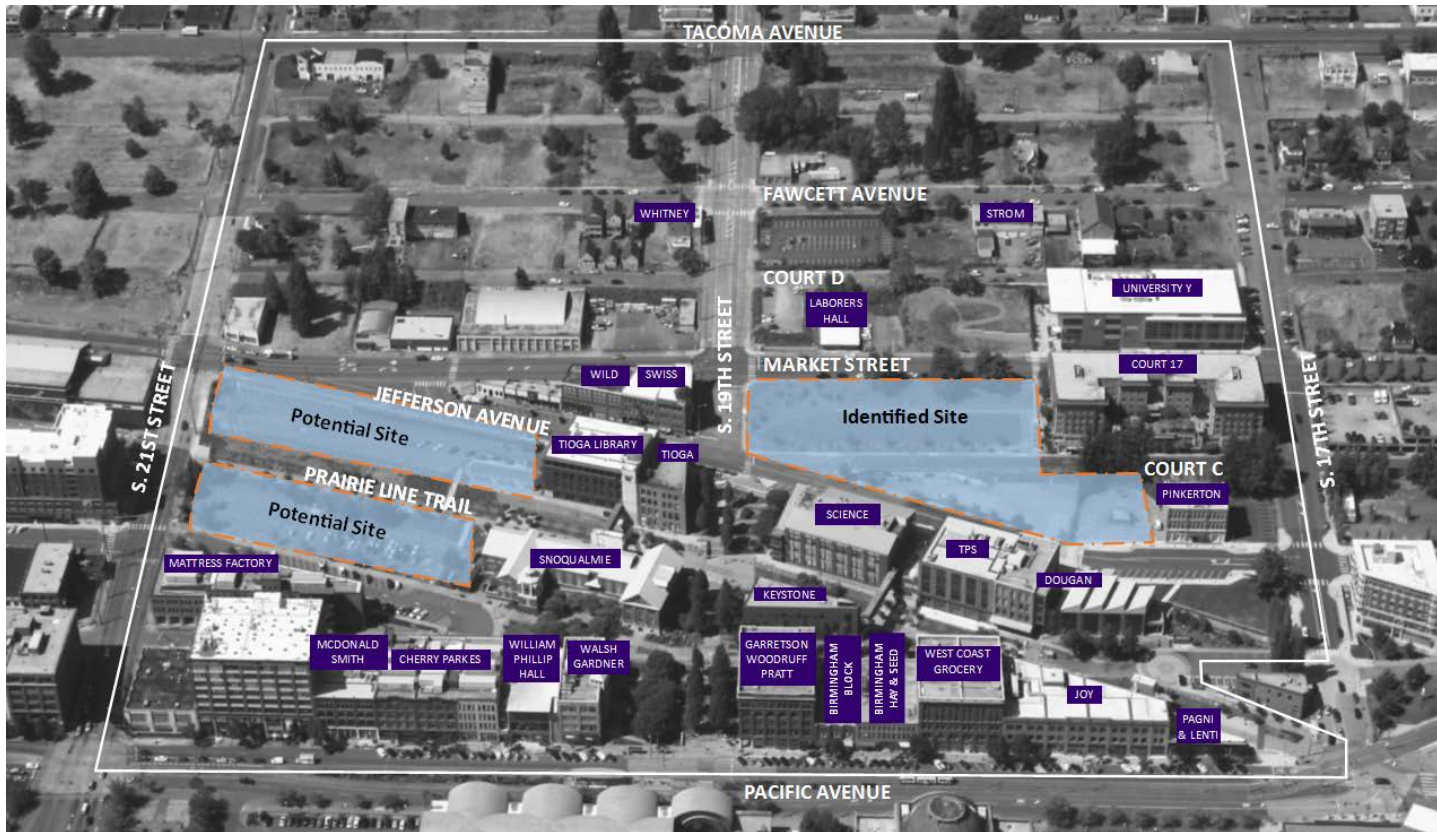


Figure 15 | UW Tacoma Campus Development Plan



Site Options



Project Goals

- > **Offer local students more high-demand engineering degrees** so students can earn degrees locally. There is clear demand for additional engineering degrees, specifically in Mechanical Engineering and Civil Engineering. UW Tacoma has support from UW to add these programs to this campus.
- > **Meet student and employer demand for business degrees.** Business degrees are among the top requested degrees in the University.
- > **Close the job gap**, fulfilling unmet industry demand for graduates in engineering and business so industries can hire locally. There are not enough engineering graduates produced by the Washington higher education system to fill local job openings in the field.
- > **Connect local University students with local jobs in Engineering and Business.** The new building will improve social and economic mobility of students within Pierce County and help keep UW Tacoma's promise to drive economic development in the South Sound community.
- > **Provide a high return on investment for the state**, driving local economic prosperity for the South Sound and the State of Washington. UW Tacoma's economic impact to the state of Washington is \$211.7 million.



Project Program – Phase 1

PROGRAM SUMMARY

50,000 gsf

Commons

- Atrium/Collaboration
- Open Group Work Space
- Individual Study Rooms
- Group Rooms x 12
- 150 Student Large, Flexible Classroom

Mechanical Engineering Labs + Support

- Thermal Sciences
- Solid Mechanics
- Manufacturing
- Prep Lab/Storage
- Fabrication Shop

Hub for Innovation Centers

- Reception
- Meeting Rooms x 2
- Offices x 8
- Workroom
- Storage
- Interview Rooms x 4
- Center for Business Analytics
- Ctr for Leadership & Social Responsibility
- Milgard Success Center
- MS in Business Administration Tech Rm

Shared Labs

- Engineering Design
- Computer Aided Design Lab

- Office
- Collaboration
- Labs
- Teaching Space

Milgard Office + Support

- Staff Offices
- Student Advising

School of Engineering and Technology Office + Support

- Mechanical Engineering Offices
- Student Advising
- Meeting Room

Classrooms

- Seminar Rooms x 2
- 60-70 Seat Classrooms x 3



Project Program-Phase 2

FULL VISION - ADDITIONAL PROGRAM SUMMARY
78,000 gsf

Commons

- Entry/Lobby
- Student Lounge
- Commercial
- Café

Civil Engineering Labs + Support

- Environmental Engineering
- Fluids/Hydraulics
- Soil Mechanics
- Materials
- Structures
- Construction Design
- Prep Lab/Storage

Shared Labs

- Shared Research

Classrooms

- Computer Classroom
- Open Computer Lab
- Active Learning Classroom
- Campfire Classroom

Mechanical Engineering Labs + Support

- Control Systems
- Mechatronics & Micro-Processor
- Industrial 4.0 Cyber, Phys. Systems

Research Labs

- Faculty Research
- Shared Research

Milgard Office + Support

- Faculty Offices
- Meeting Rooms x 6
- Tutors
- Graduate Students

School of Engineering and Technology Office + Support

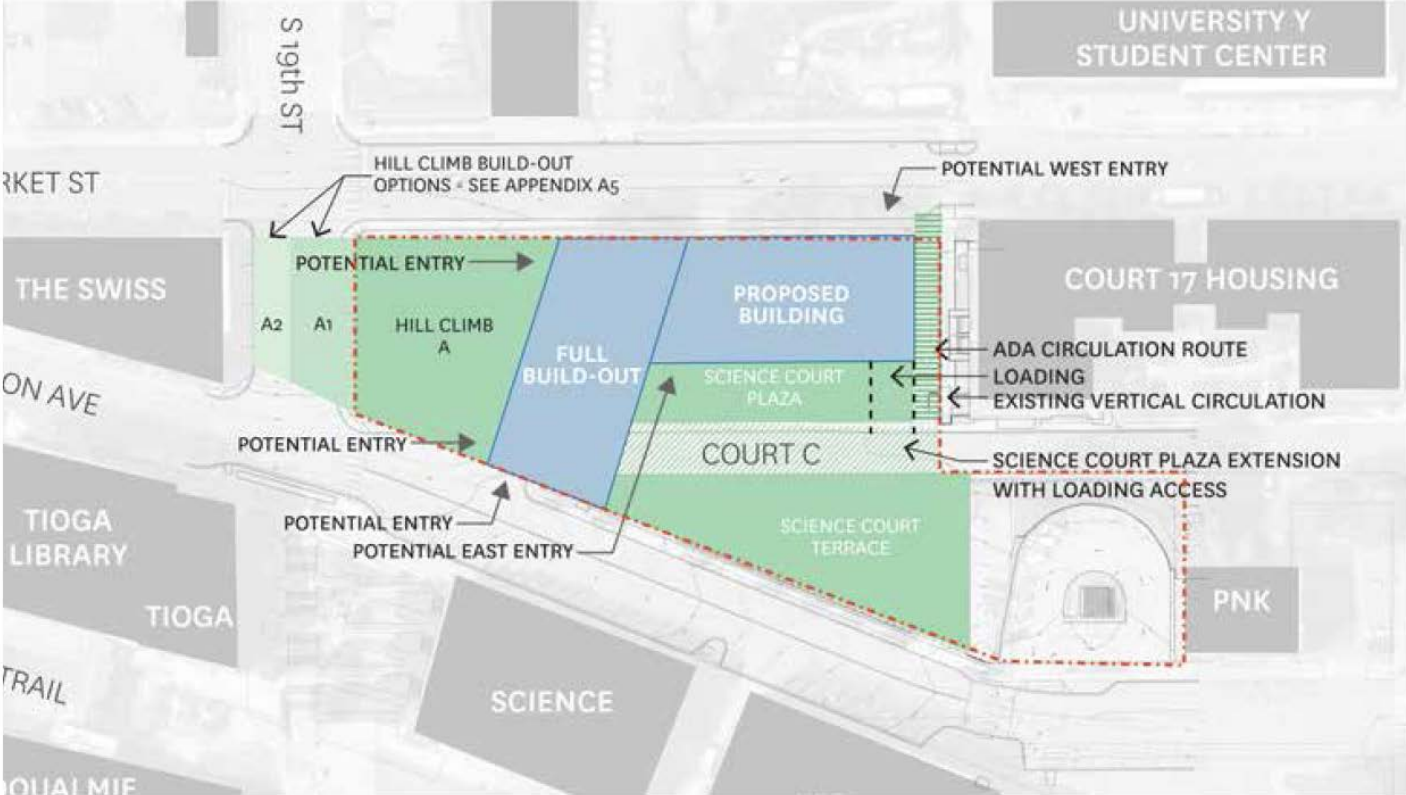
- Civil Engineering Offices
- IT Offices
- Tutors
- Graduate Students

IT Labs

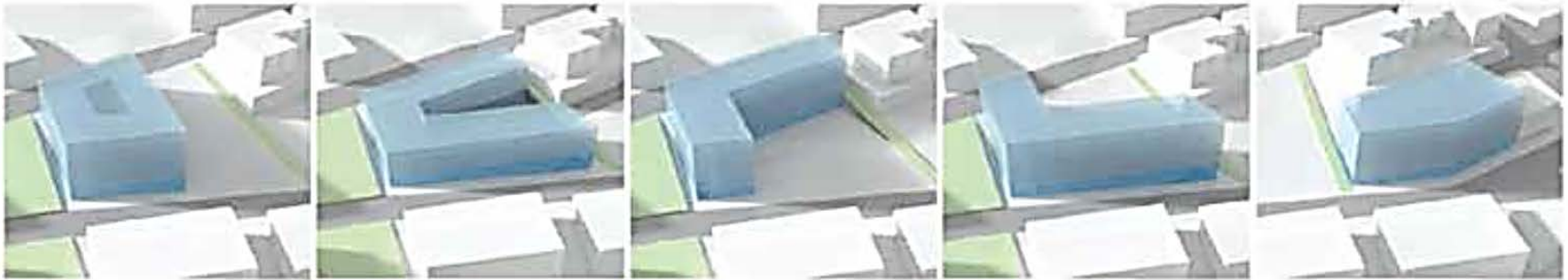
- Computer Lab
- Cybersecurity
- Industrial Controls Systems
- Forensics
- Senior Design
- Networking
- Embedded System Design & Micro-processor



Preliminary Siting



Massing Options



01
ATRIUM

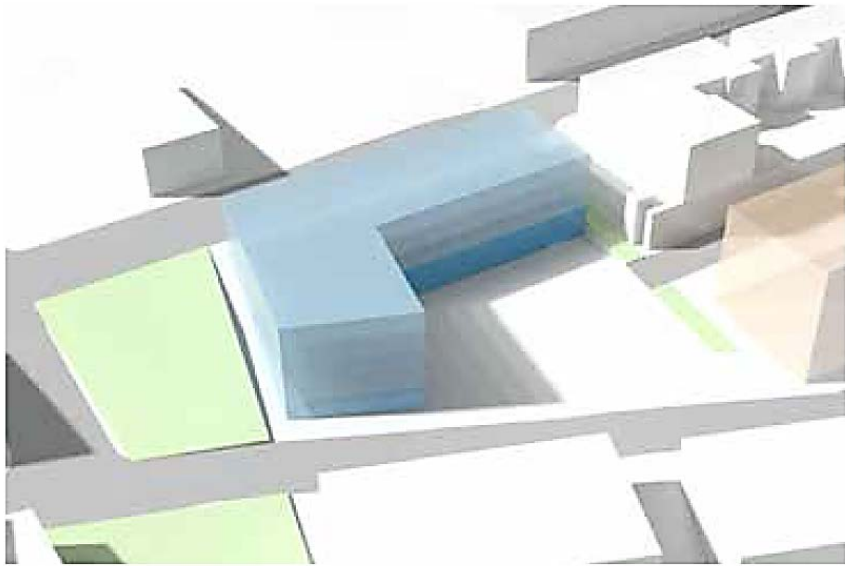
02
EDGE
ENGAGEMENT

03
RETAIL EDGE

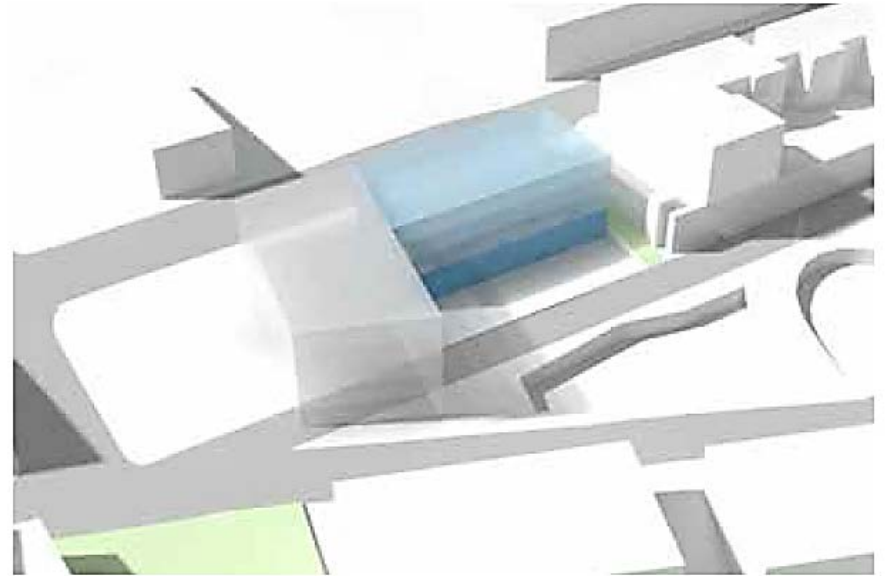
04
CAMPUS EDGE

05
LOW COST

Preferred Massing



Full Concept



Phase 1

BUDGET

Current Funding: \$4,000,000

Source: Washington State 2019-21 biennium capital allocation
Design and Pre-construction

Anticipated State Funding: \$36,000,000

Source: Washington State 2021-23 biennium capital allocation
Construction

Anticipated Donor Funding: \$10,000,000

Construction

Total Project Budget: \$50,00,000



SCHEDULE

Phase	Start Date	End Date
Selection of Design-Builder	December 2019	February 2020
Selection of Design-Architect	December 2019	April 2020
Architect Interviews with UWAC	April 27, 2020	
Project Definition and Design	April 2020	September 2021
Construction Work in Progress	June 2021	January 2023
Closeout	February 2023	June 2023



SCHEDULE

- Design Build Contractor: In Process-Complete February 25th, 2020
- Solicitation for letters of interest from Architects posted Dec. 10th & Jan. 7th
- Email to UWAC recommended firms with a personal invitation to submit a letter of interest week of December 16th
- Confirm list of Architecture firms being considered Feb. 27th
- Letters of interest due February 21, 2020
- Review Architecture firms websites and shortlist pool of firms to receive RFQs March 5th
- UWAC Final Interview April 27th





Questions?

W