



**Portland
Community
College**

Planning and Capital Construction | Building Our Future

PCC Sylvania Health Technology Building Renovation & Site Improvements

Project Update

February 3, 2019

HACKER

LEASE CRUTCHER
Lewis

Agenda

- Vision statements
- Schedule
- Unoccupied Renovation, building occupants
- Swing - locations, sequence and test fits
- Temporary modular units
- HT Building occupants future
- Discussion and next steps

Draft vision statements

LEARNING-CENTERED FOR STUDENT SUCCESS



WELCOME ALL WHILE REPRESENTING PROGRAM MISSIONS



MAKE **EQUITABLE SPACES** FOR **INCLUSIVE** TEACHING AND LEARNING

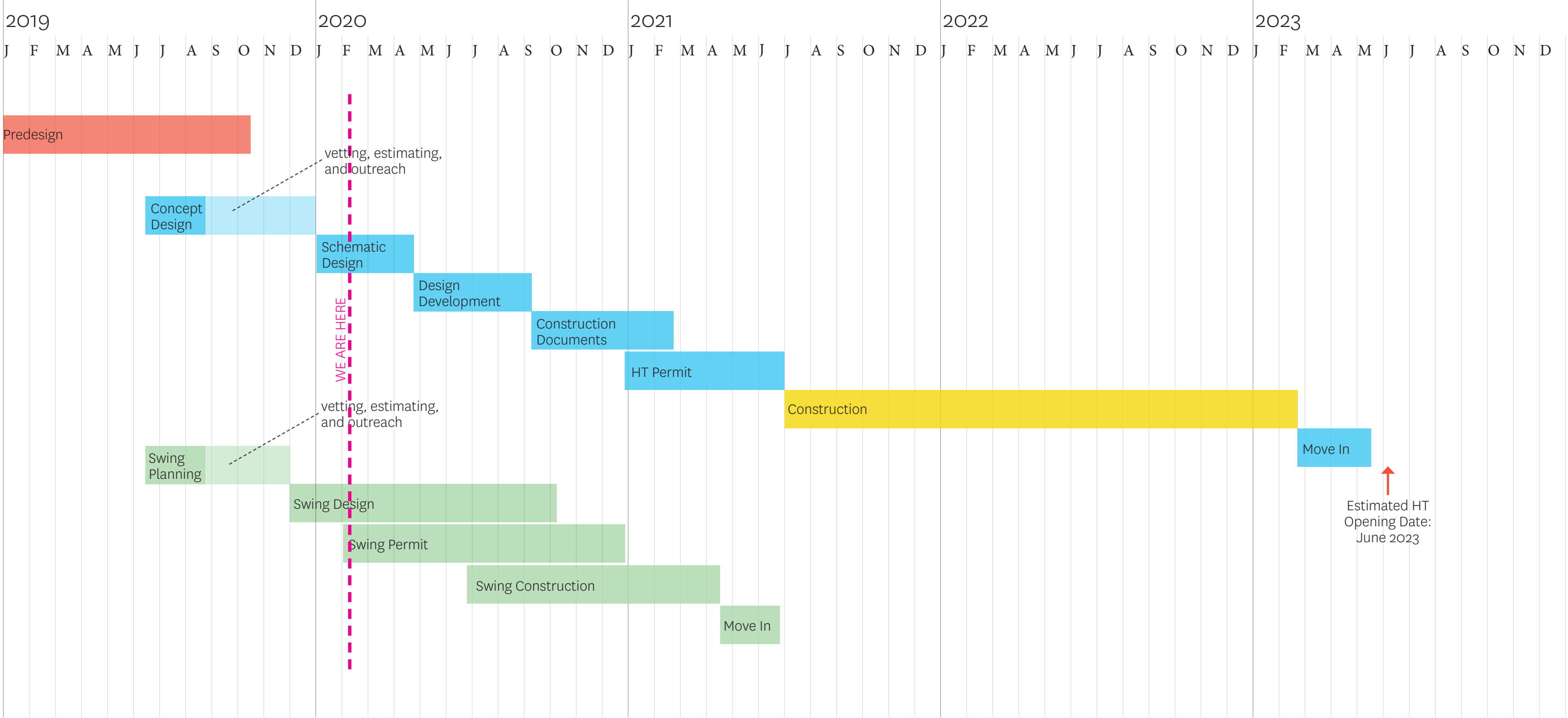


NEST SPECIALIZED PROGRAMS IN A **COLLABORATIVE** ENVIRONMENT



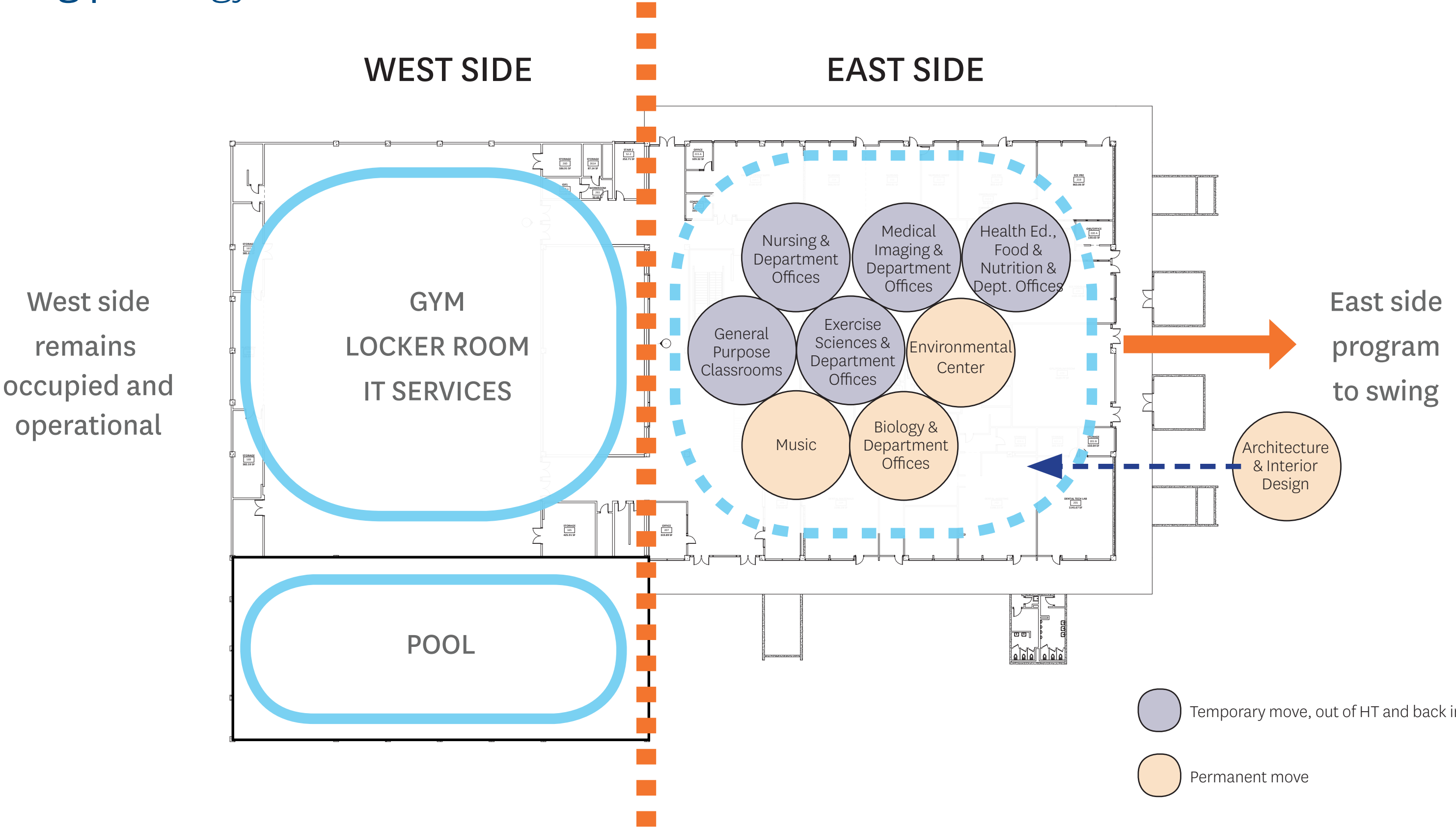
SUSTAINABILITY CENTERED ON **HEALTH AND WELLNESS**

Schedule | Updated



Program | Existing vs. New

Program	Existing Square Footage	Programmed Square Footage
Nursing	6,667	16,190
Medical Imaging	3,989	6,582
Health Ed., Foods and Nutrition	1,002	1,845
Exercise Science and Physical Education	60,647	62,455
IT - CTS and Server	3,414	4,894
General Purpose Classrooms	13,531	13,680
Mechanical/Storage/Services	26,356	27,842
Circulation	33,027	49,950
Music	1,942	1,309
Dental / Child Care	13,391	0
Environmental Center	583	850
Biology	9,598	14,127
Total	175,000 SF	200,000 SF



Swing

Swing | Nursing Temporary Relocations

PRELIMINARY



Occupied and Phased Construction

The design team is assuming a single construction phase which will require temporary swing space. With a combination of temporary modular units, permanent moves, temporary moves into existing PCC buildings, and opportunities for lease space, the program has potential to be accommodated during construction.

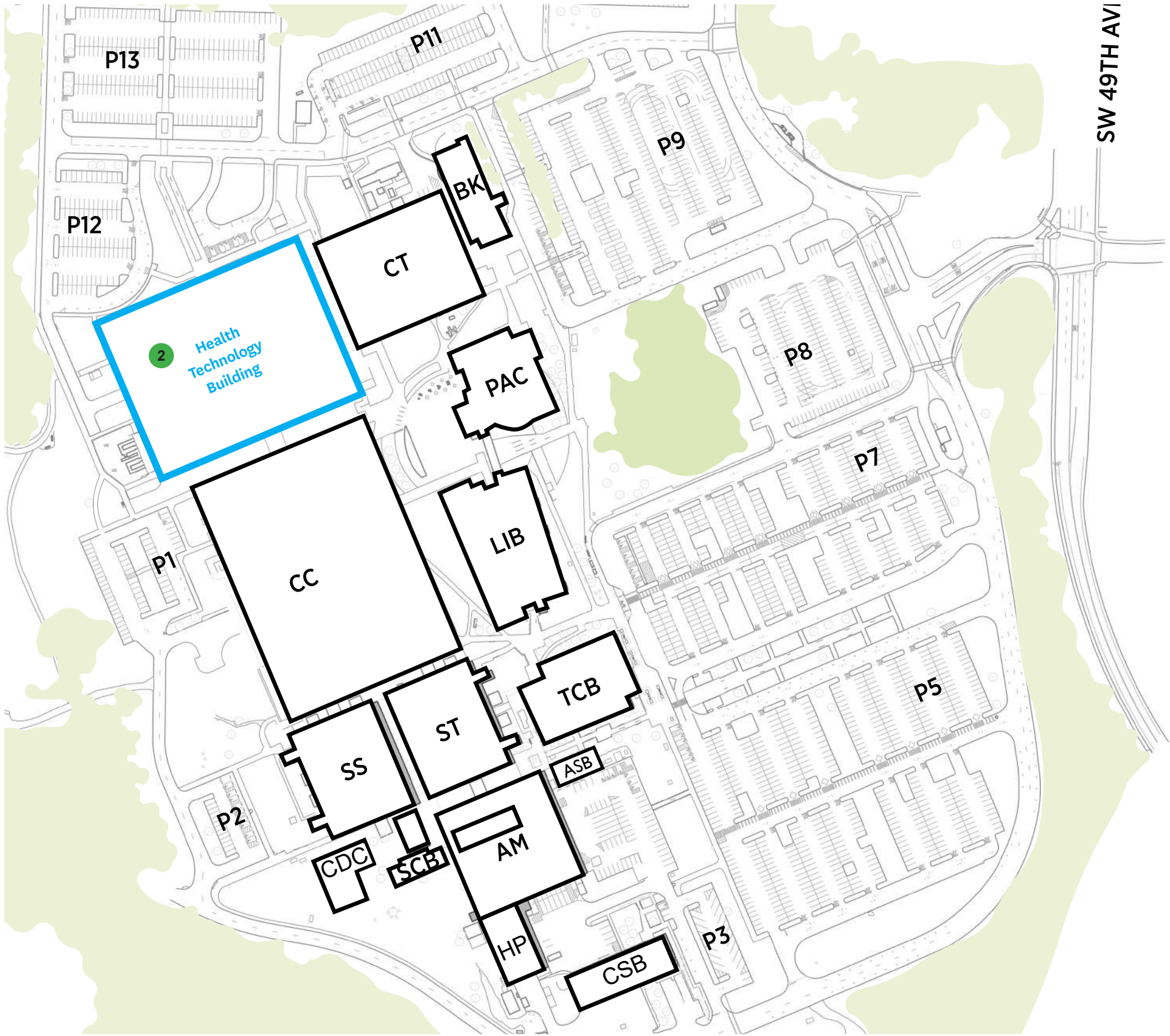
FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

- 1 Nursing

Nursing Sim to
Cascade, Office to
Library, and Skills Lab
to Heat Plant



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

- 2 Medical Imaging

Medical Imaging
moves permanently
to HT west basement



Occupied and Phased Construction

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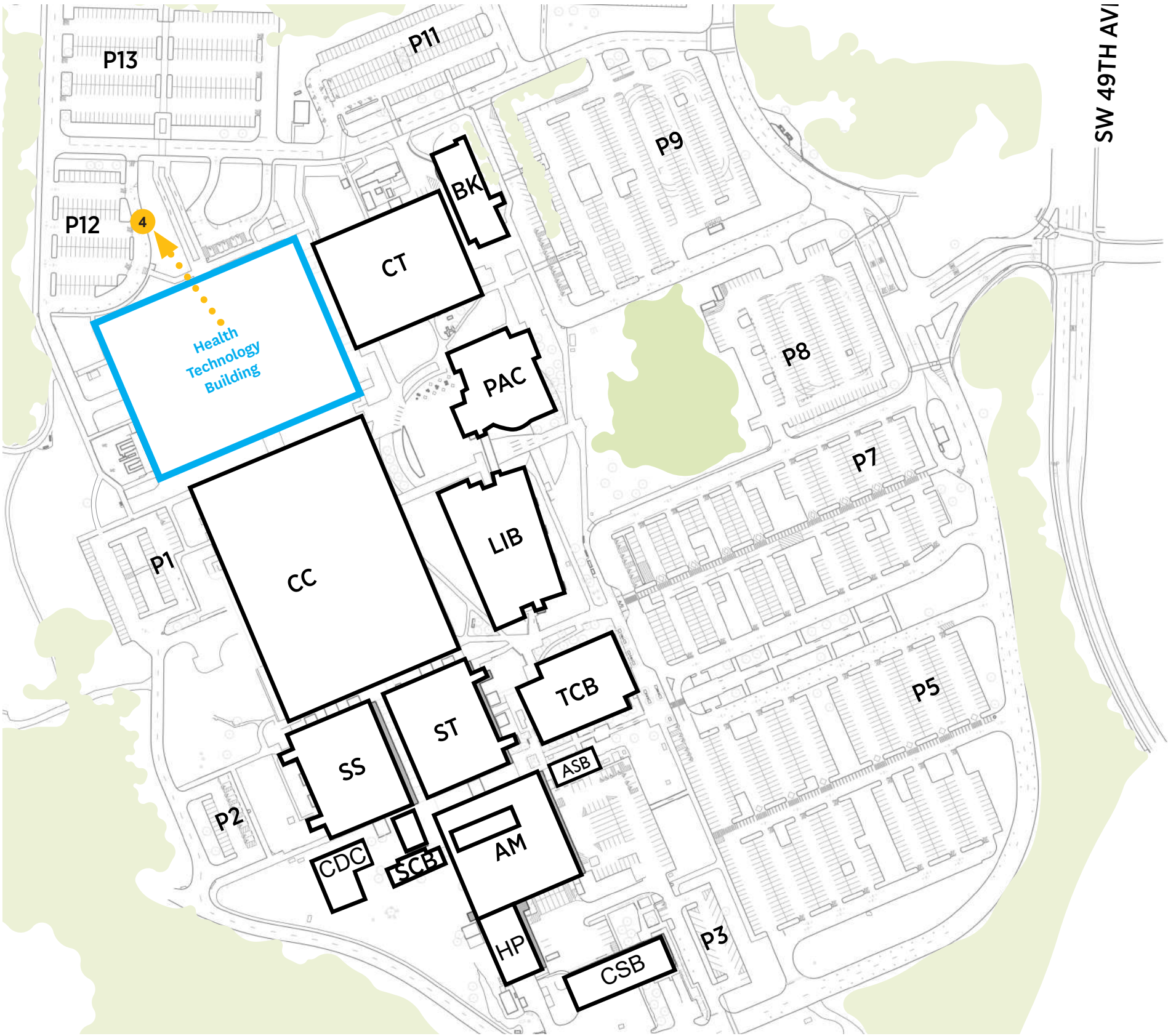
FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

3 Biology

Biology moves permanently to Science Technology Building



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

- 4 Health Education, Food and Nutrition Offices

Health Education,
Foods and Nutrition
Offices move to
Temporary Modular
Units

Swing | Exercise Science / PE Offices Temporary Relocation

PRELIMINARY



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

- 5 Exercise Science / PE Offices

Exercise Science
and PE Offices
move to Temporary
Modular Units



Occupied and Phased Construction

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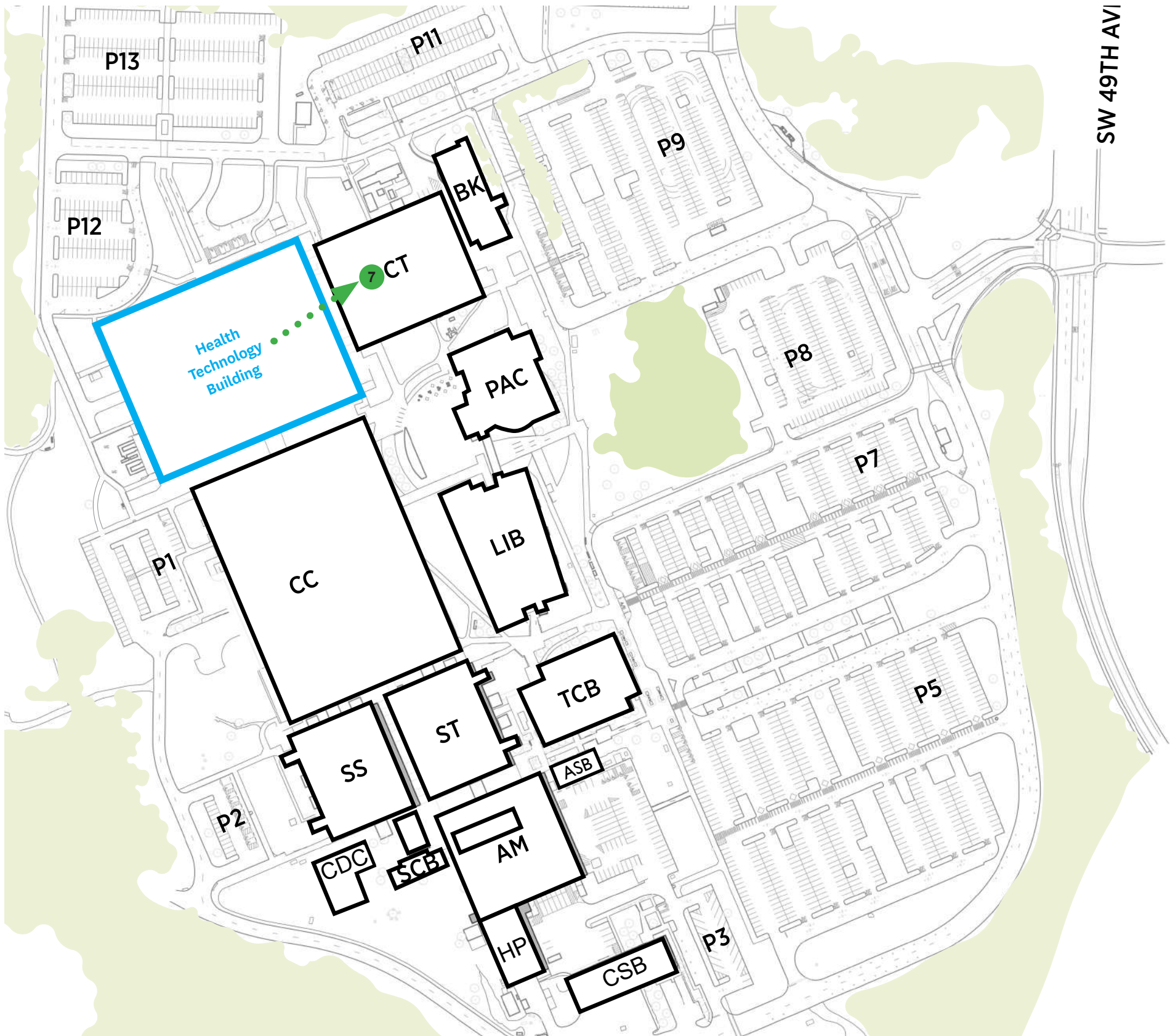
FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

6 Environmental Center

Environmental
Center moves
permanently to CC
Building



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

7 Music

Music moves permanently to CT Building—to be confirmed

Swing | Classroom Temporary Relocations

PRELIMINARY



Occupied and Phased Construction

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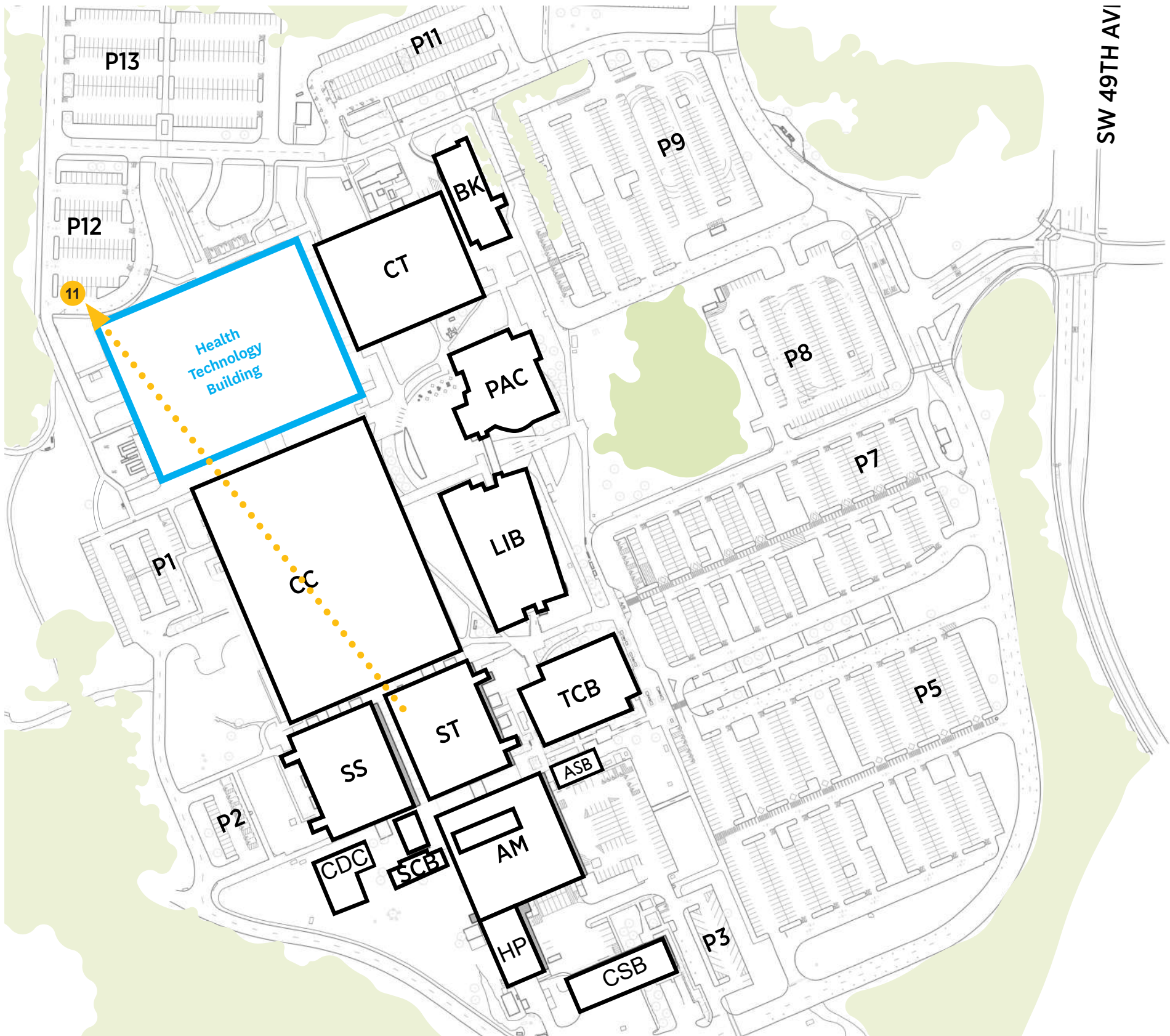
FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

- 9 Classrooms

Classrooms move to Temporary Modular Units (Location TBD)



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

11 Architecture & Interior Design

Architecture and
Interior Design
move to Temporary
Modular Units

Swing | Engineering Offices Permanent Relocation

PRELIMINARY



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

12 Engineering Offices

Engineering Offices
permanently move to
TCB

Swing | Math Classrooms Permanent Relocation

PRELIMINARY



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

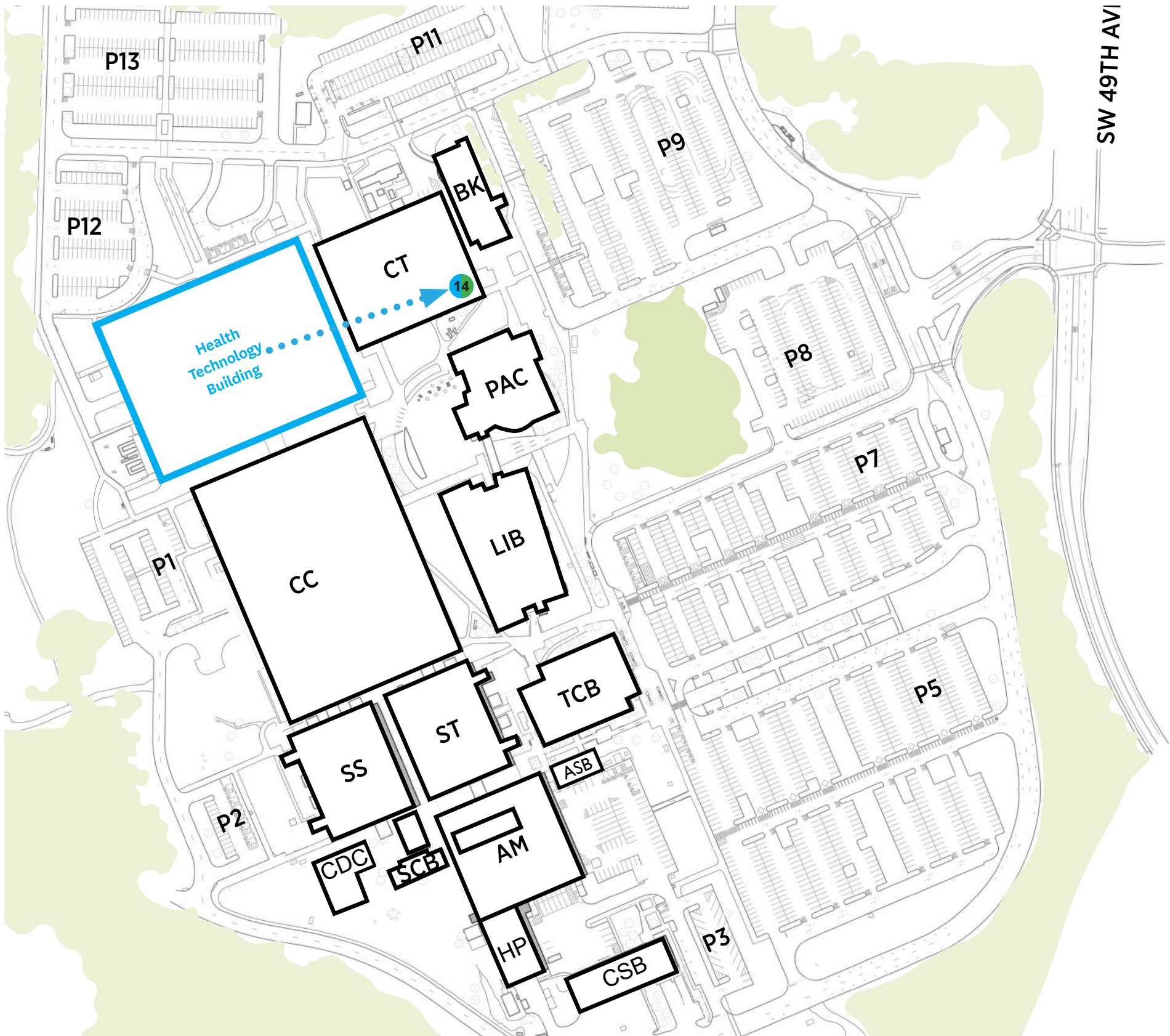
PROGRAM

13 Math Classrooms

Math proprietary classrooms permanently move to SCB203, TCB214, SS205.

Swing | Dance Studio Permanent or Temporary Relocation

PRELIMINARY



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

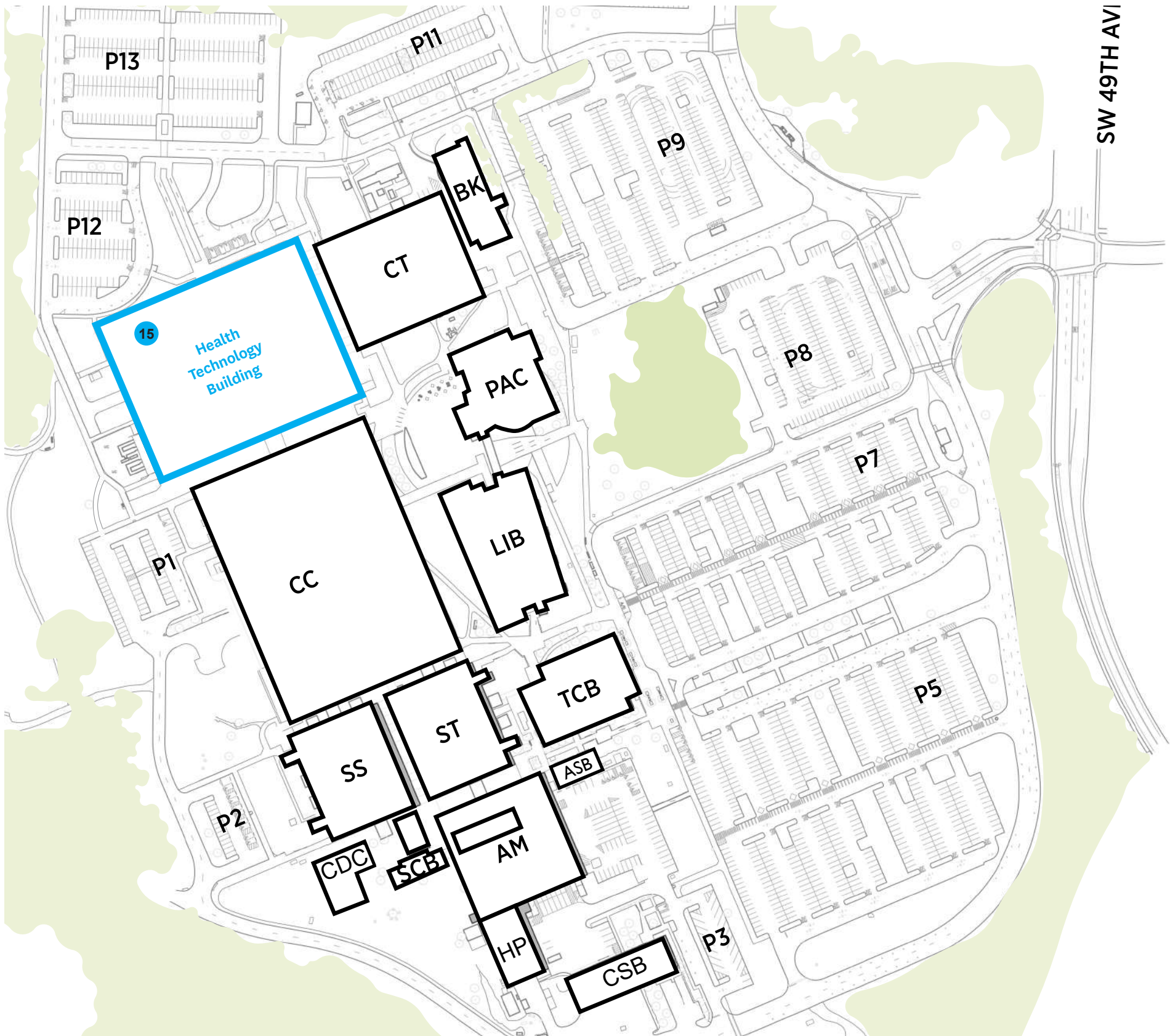
PROGRAM

14 Dance Studio

Dance Studio
(HT101) permanently
or temporarily moves
to CT Building.

Swing | West Side Weight and Yoga Room Offline

PRELIMINARY



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site

PROGRAM

15 HTo2 and HTo8

HTo2 and HTo8 to a portion of the gym.

Swing | Permanent and Temporary Relocations

PRELIMINARY



Occupied and Phased Construction

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FACILITY TYPE

- Campus Building - temporary move
- Campus Building - permanent move
- Temporary Modular Unit (TMU) Site
- Temporary Off Campus Lease Space

PROGRAM

- 1 Nursing
- 2 Medical Imaging
- 3 Biology
- 4 Health Education, Food and Nutrition Offices
- 5 Exercise Science / PE Offices
- 6 Environmental Center
- 7 Music
- 8 IT - Server
- 9 Classrooms (location TBD)
- 10 Building Storage
- 11 Architecture & Interior Design
- 12 Engineering Offices
- 13 Math Classroom(s)
- 14 Dance
- 15 HT02 and HT 08

- **Biology** moves to Science Technology Building
- **Nursing** Sim to Cascade, Office to Library, and Skills Lab to Heat Plant
- **Medical Imaging** moves permanently to HT west basement
- **Temporary Modular Units:** Architecture and Interior Design, Exercise Science / PE offices, Health Education, Food and Nutrition Offices, Classrooms
- **Departments moving to space on campus:** Dance Studio, Classrooms, Storage, Environmental Center, Music, Engineering Offices
- **West side HTo2 and HT o8** move to a portion of the Gym.
- **Math Proprietary Classrooms** move to SCB203, TCB214, SS205.

Swing | TMU Sites Considered



Swing | TMU Sites Considered

- Lot P12**
- + Shallow slope
 - + Site size
 - Distance to campus

- Lot P1**
- + Distance to center campus
 - + Moderate slope
 - Small site
 - Difficult site (trees/slope)
 - Fire road

- AM south**
- + Relatively flat
 - Proximity to adj. buildings (code)
 - Impedes building services



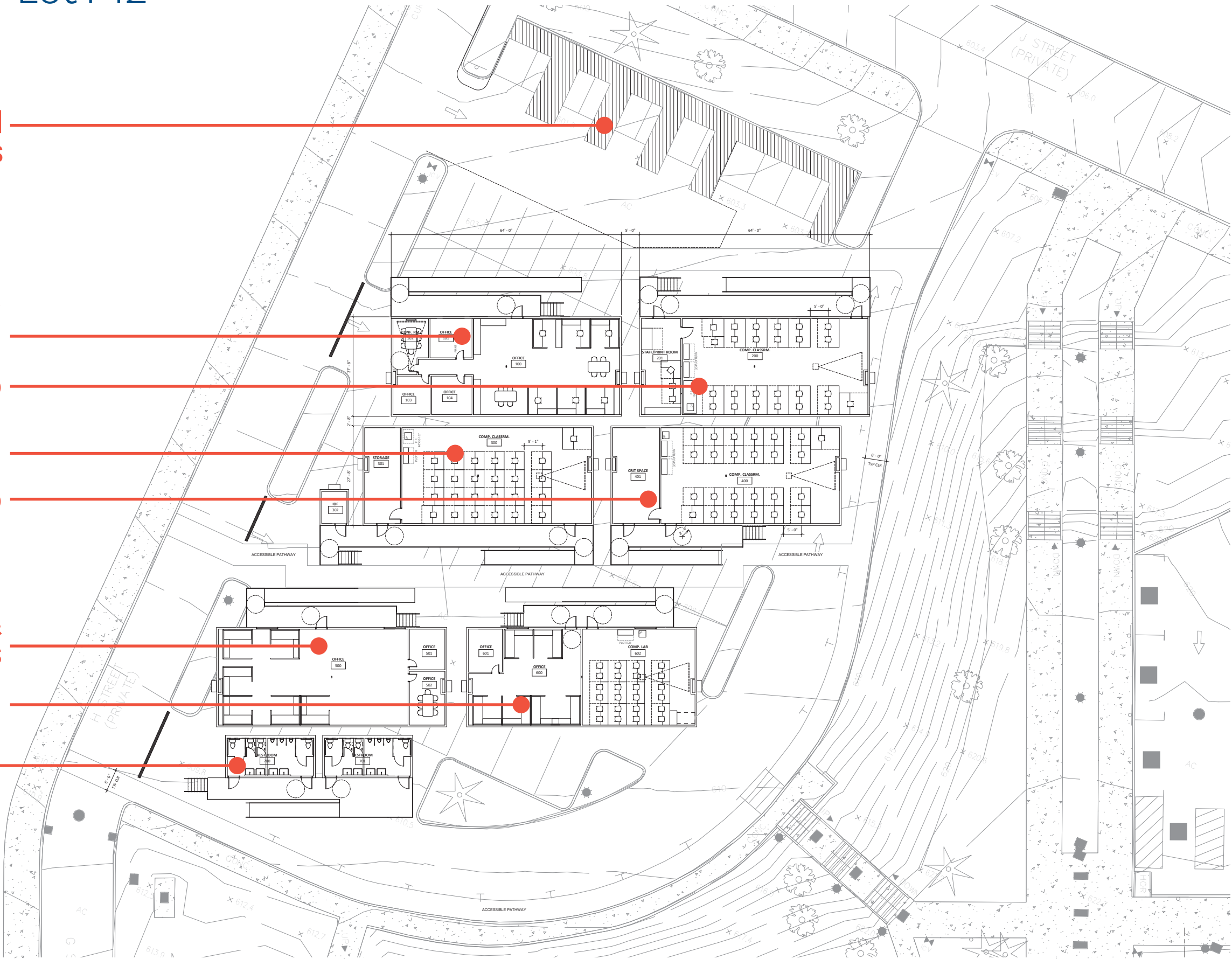
- Bookstore lot**
- + Campus access
 - + Shallow slope
 - Small site area
 - Impedes vehicle access

- Lot P5 west**
- + Campus access
 - + Shallow slope
 - Small site area
 - Reduces accessible parking

- AM Lot**
- + Campus access
 - + No slope
 - Impacts Curriculum

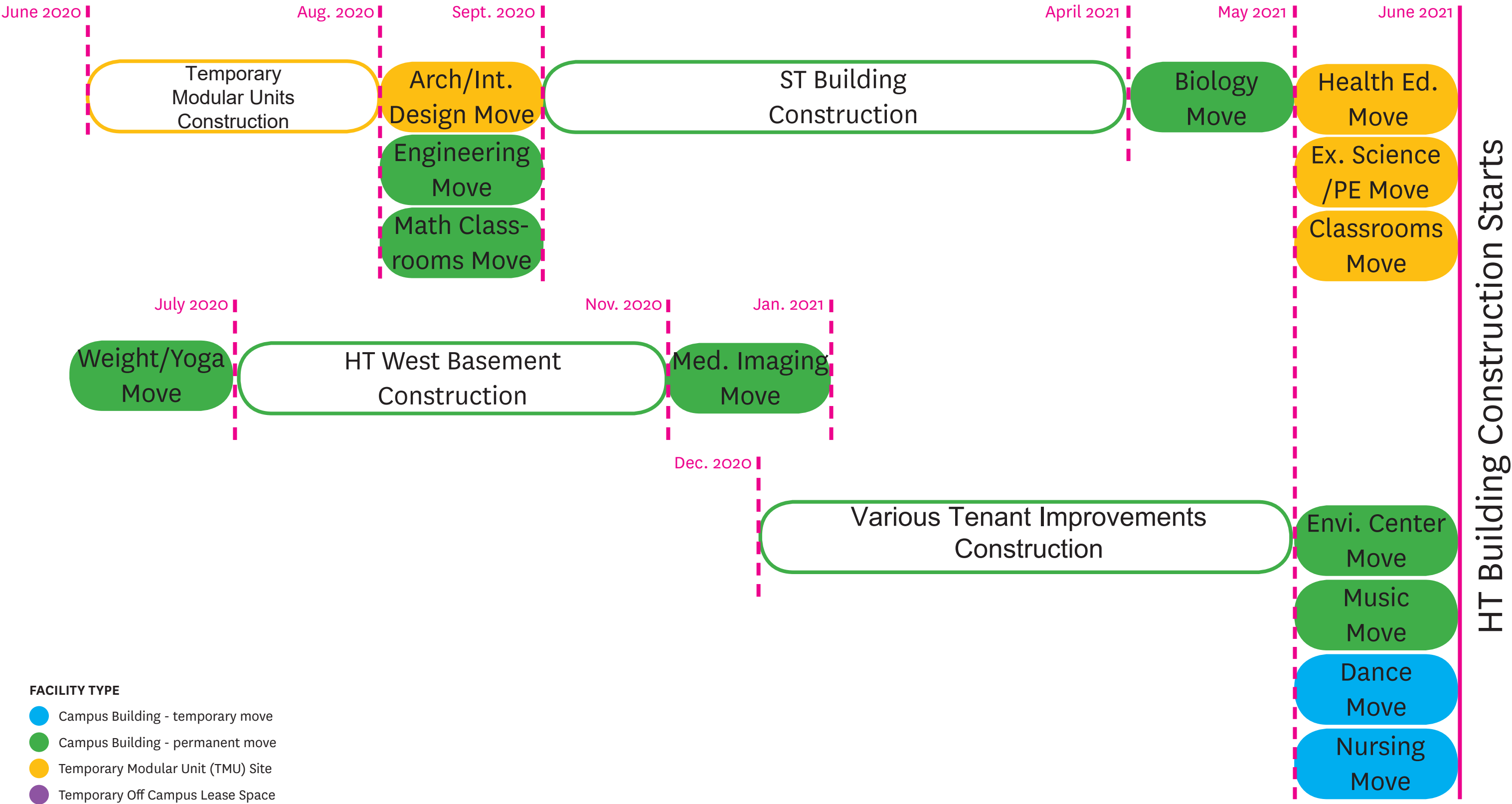
Swing | TMU Site - Lot P12

- Van drop-off and accessible stalls
- Arch & Interior Design Offices
- Architecture Lab
- Interior Design Lab
- Architecture Lab
- Exercise Science & PE Offices
- Health & Nutrition Office
- Restrooms



Swing | Permanent and Temporary Relocations

PRELIMINARY

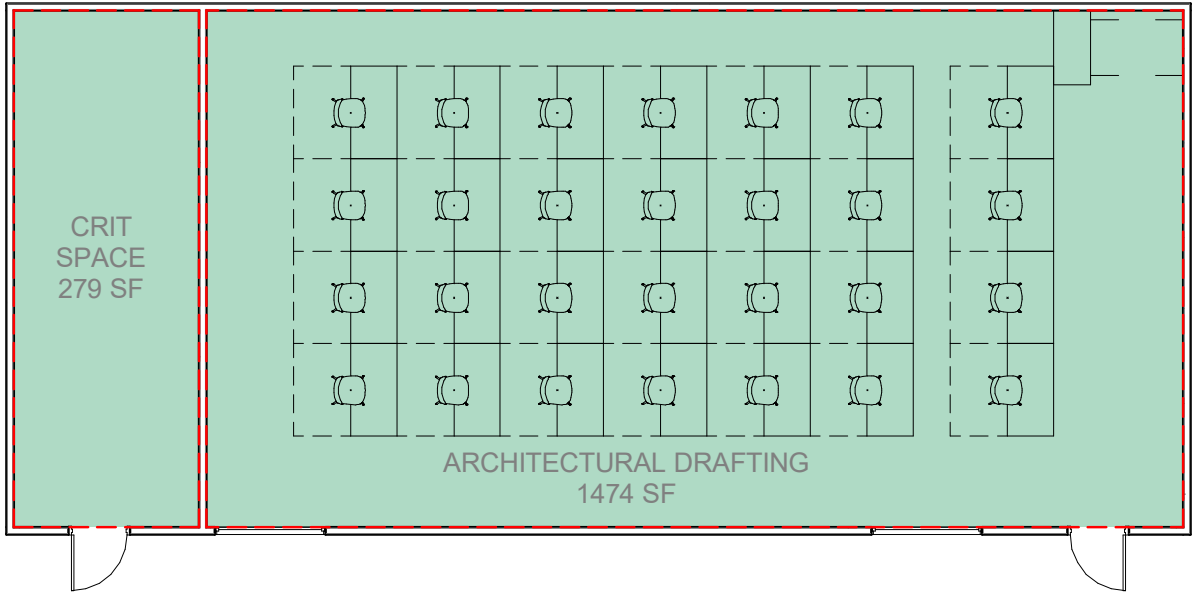


- Architecture and Interior Design, Engineering Offices and Math will need to move first in order for the Science Technology Building construction to begin for the Biology department.
- HT 02 and HT 08 move out of the basement in order for construction to begin to renovate the space for the Medical Imaging department.
- Once TMUs are built, Health Education, Foods and Nutrition, Exercise Science Offices and Classrooms will move.
- Environmental Center, Music, Dance, and Nursing will move once the interior tenant improvements are complete.

Test Fits

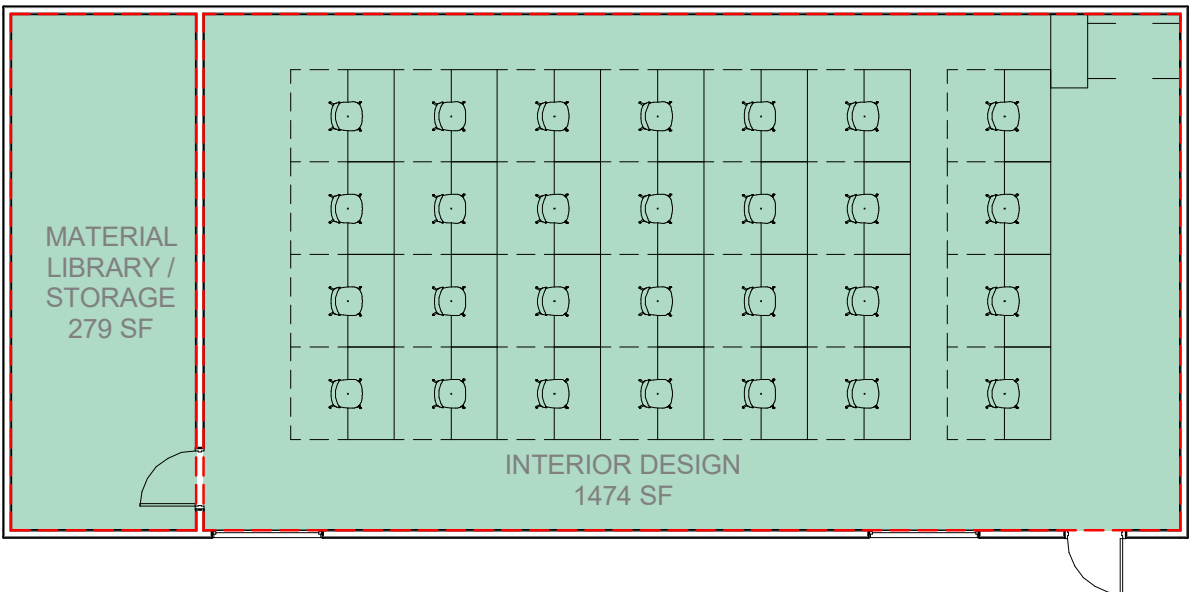
Test Fits | Permanent and Temporary Relocations

- The following pages show **test fits** of how each department space **could** fit into a location.
- These are NOT final designs. The **design phase is beginning** and will run for the next few months.
- Design process will include **meetings with each department** to review proposed plans and **receive feedback on layouts**.
- Final layouts will be **reviewed by the department** before construction begins.



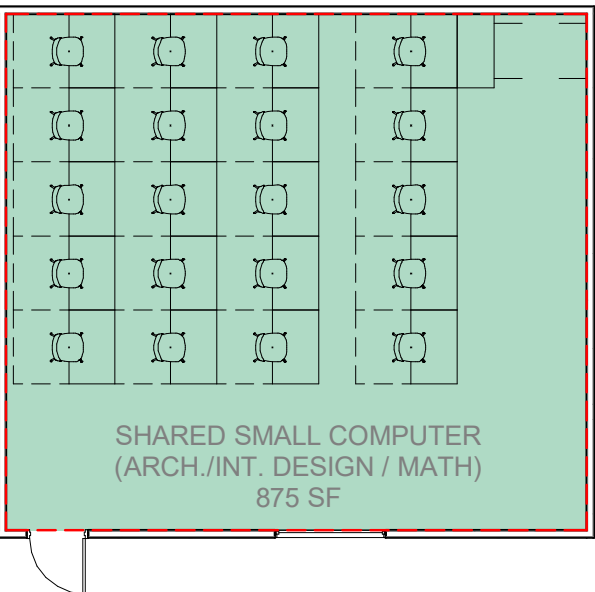
Architectural Drafting

28 Seats



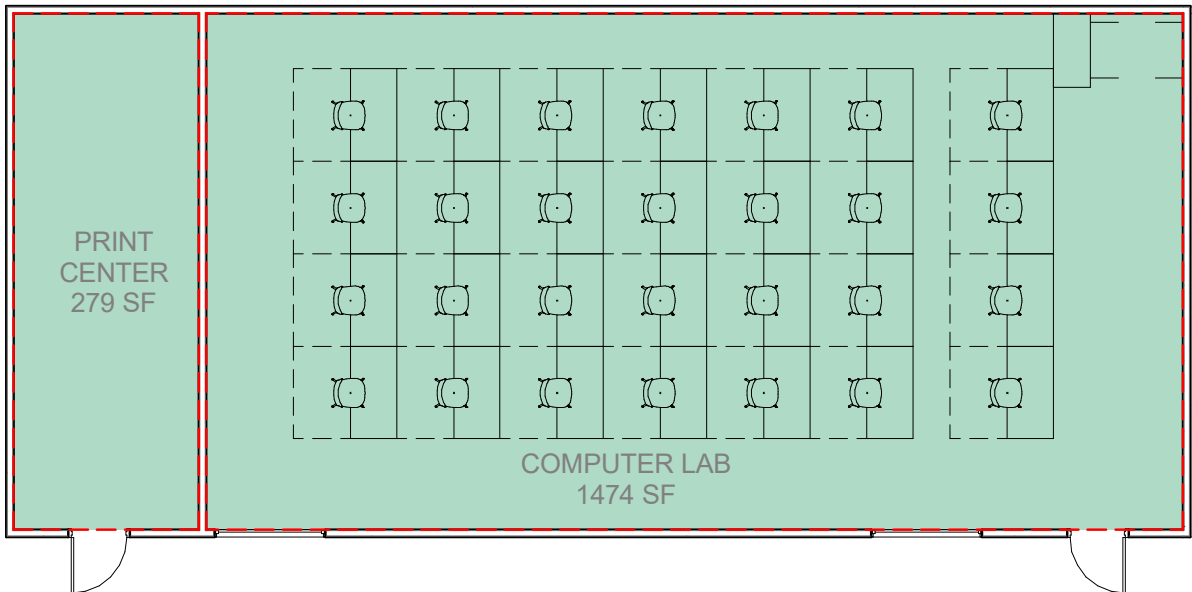
Interior Design

28 Seats



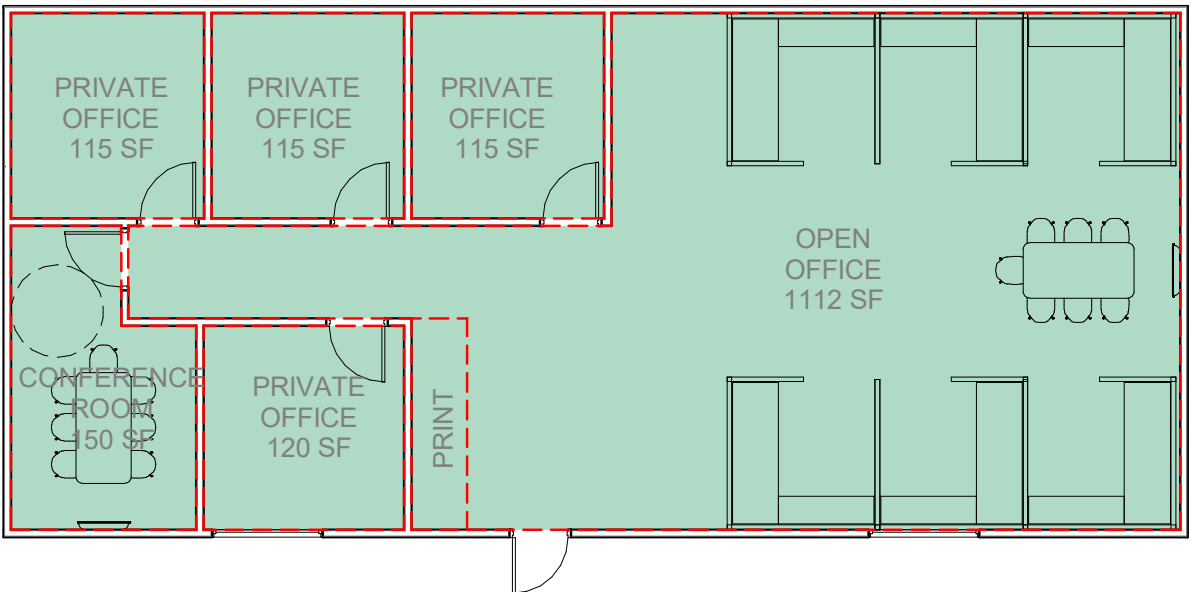
Shared Computer Room

20 Seats



Interior Design

28 Seats



Architecture Offices

4 private offices / 6 cubicles

Sept. 2020

April 2021

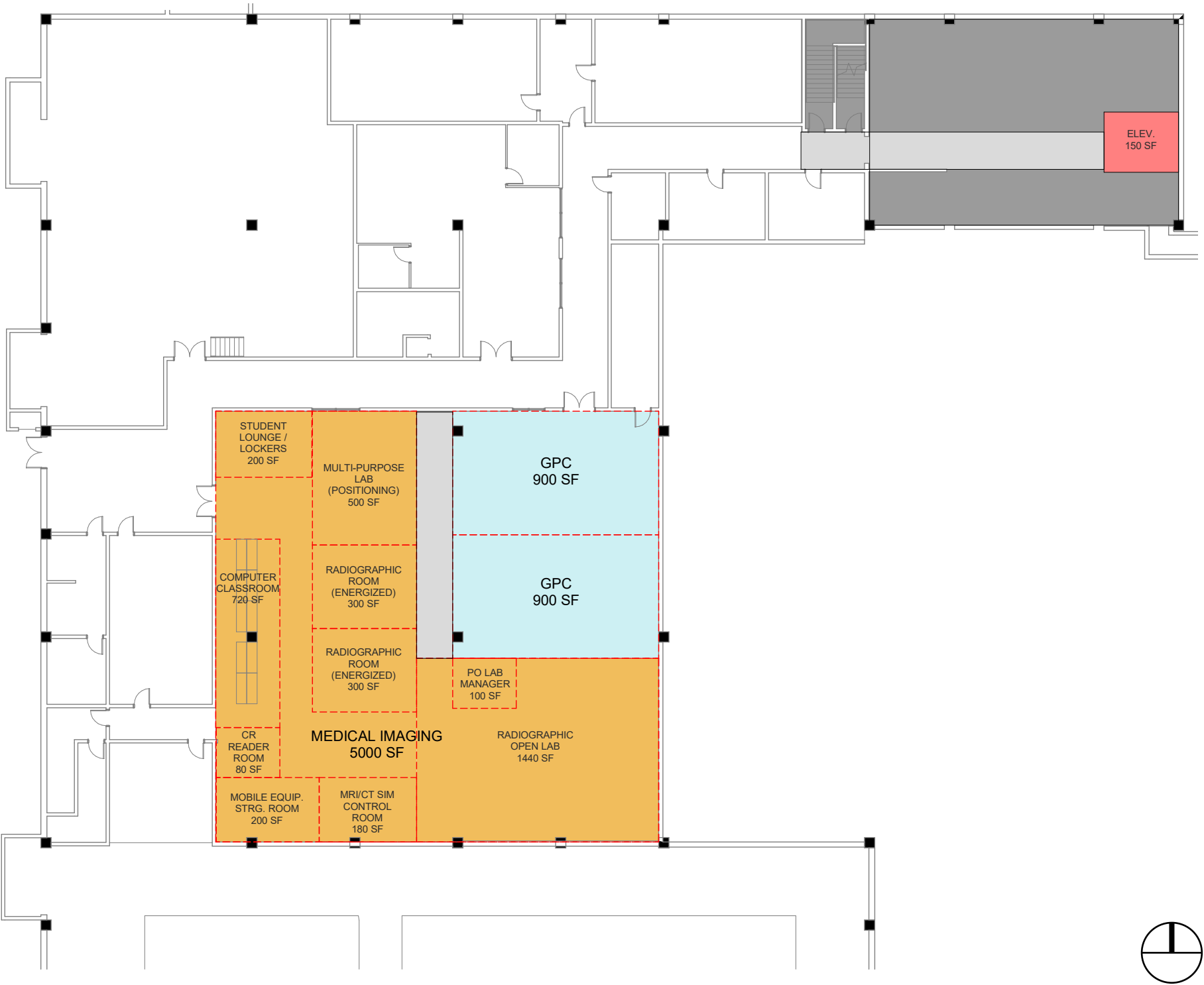
May 2021



July 2020

Nov. 2020

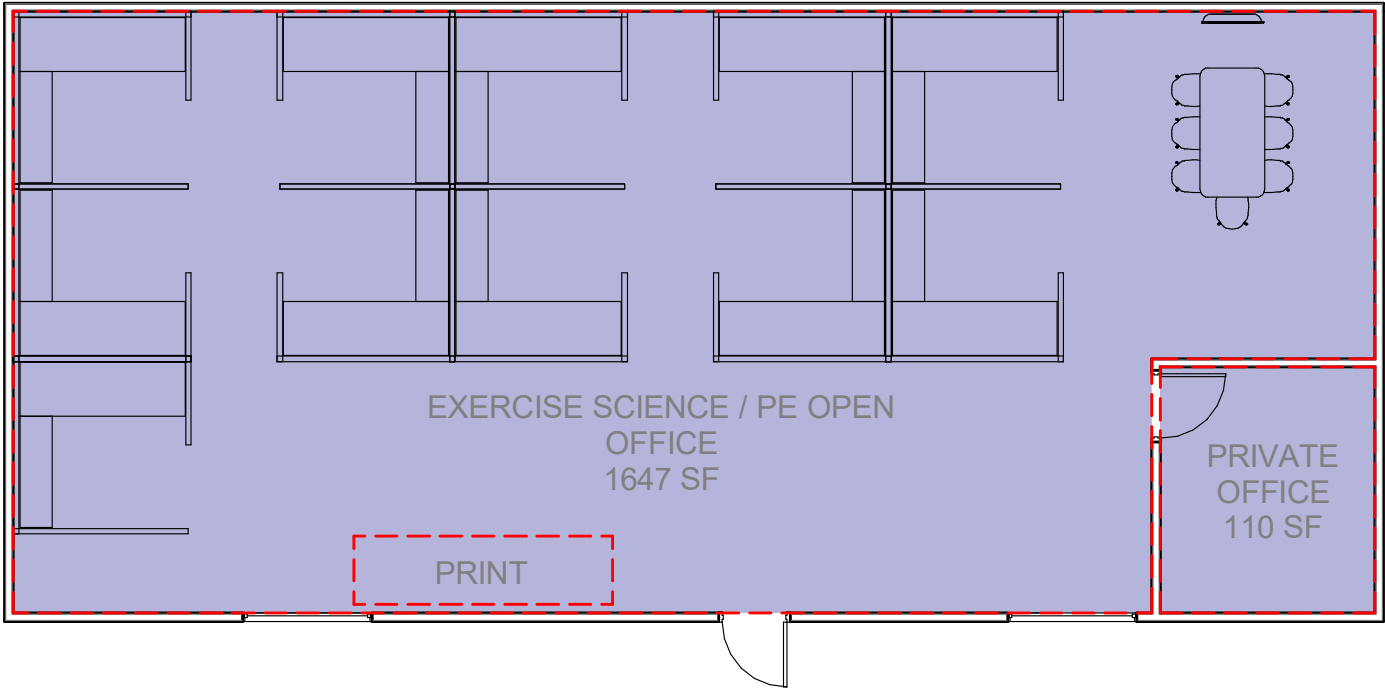
Jan. 2021



TMU
Construction
June 2020

Ex. Science
/PE Move
May 2021

June 2021



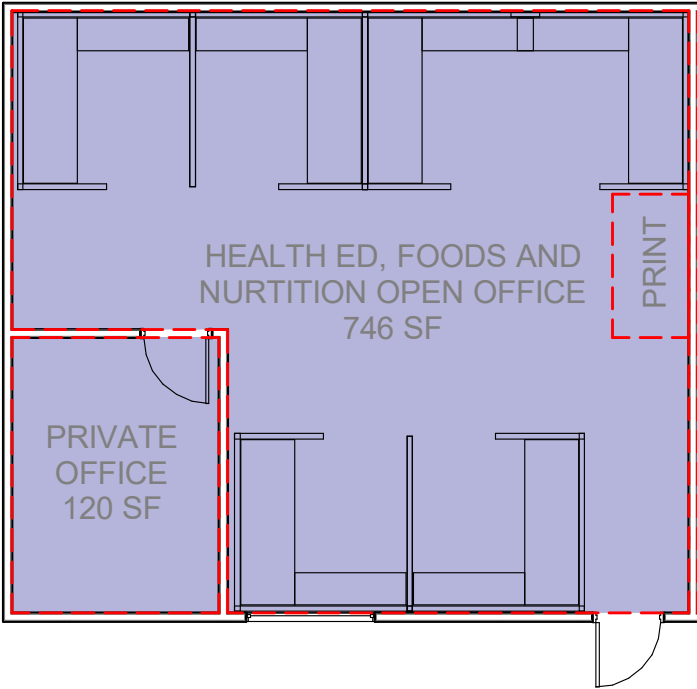
Open Offices
■ 1 private office / 11 cubicles

TMU
Construction
June 2020

Health Ed.
Move
May 2021

June 2021

PRELIMINARY



Open Offices

1 private office / 6 cubicles

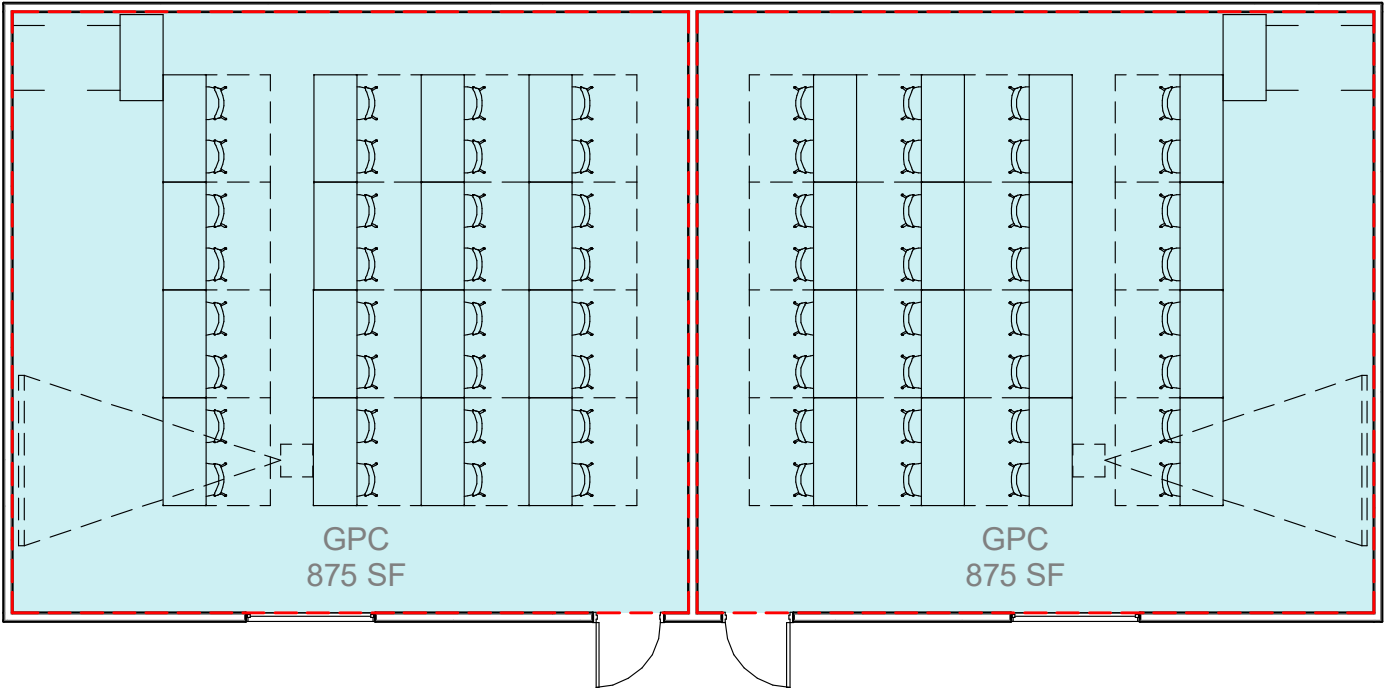
TMU
Construction

Classrooms
Move

June 2020

May 2021

June 2021



General Purpose Classroom

32 Seats (x2)

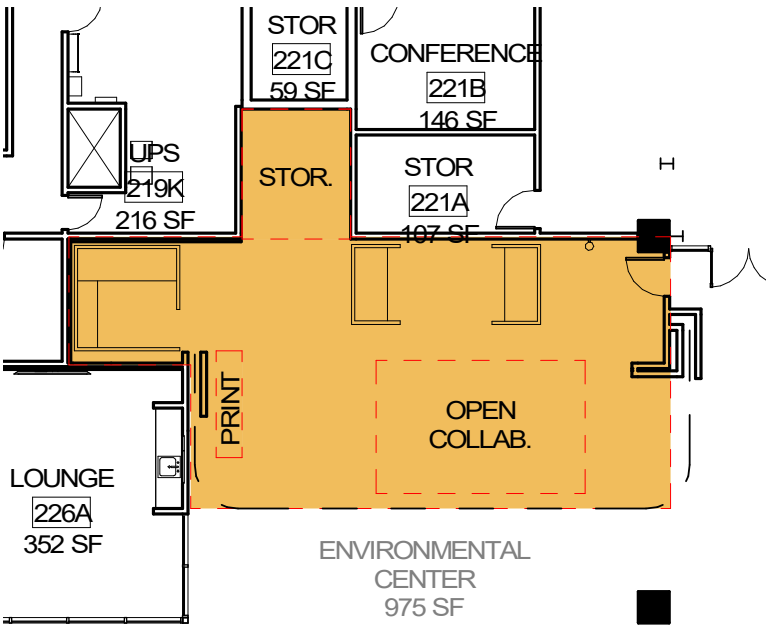
CC Building Construction

Dec. 2020

Envi. Center Move

May 2021

June 2021



Renovate the River City Grill, 975 sf



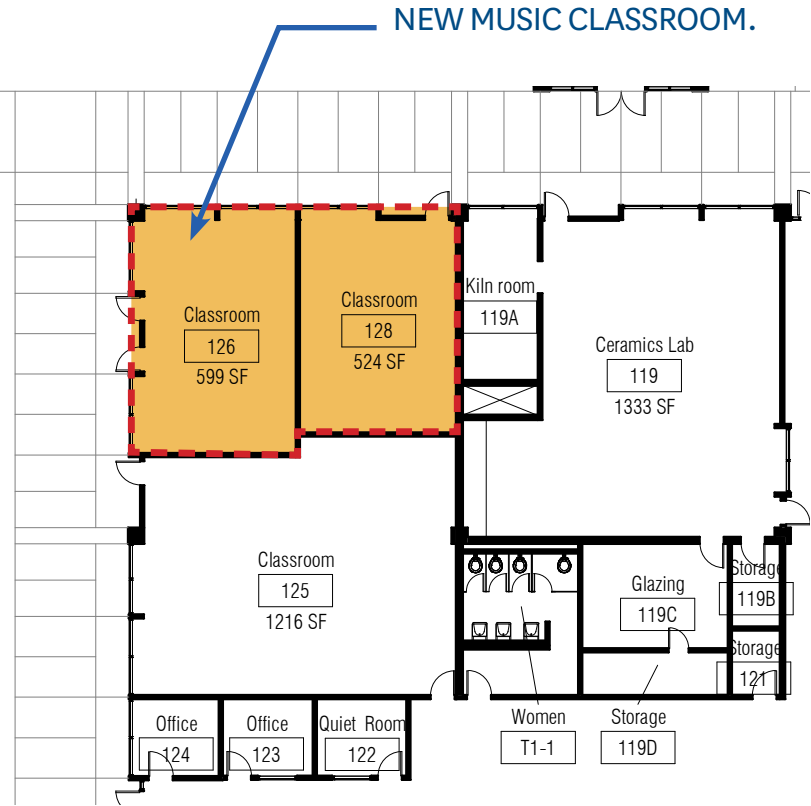
CT Building Construction

Music Move

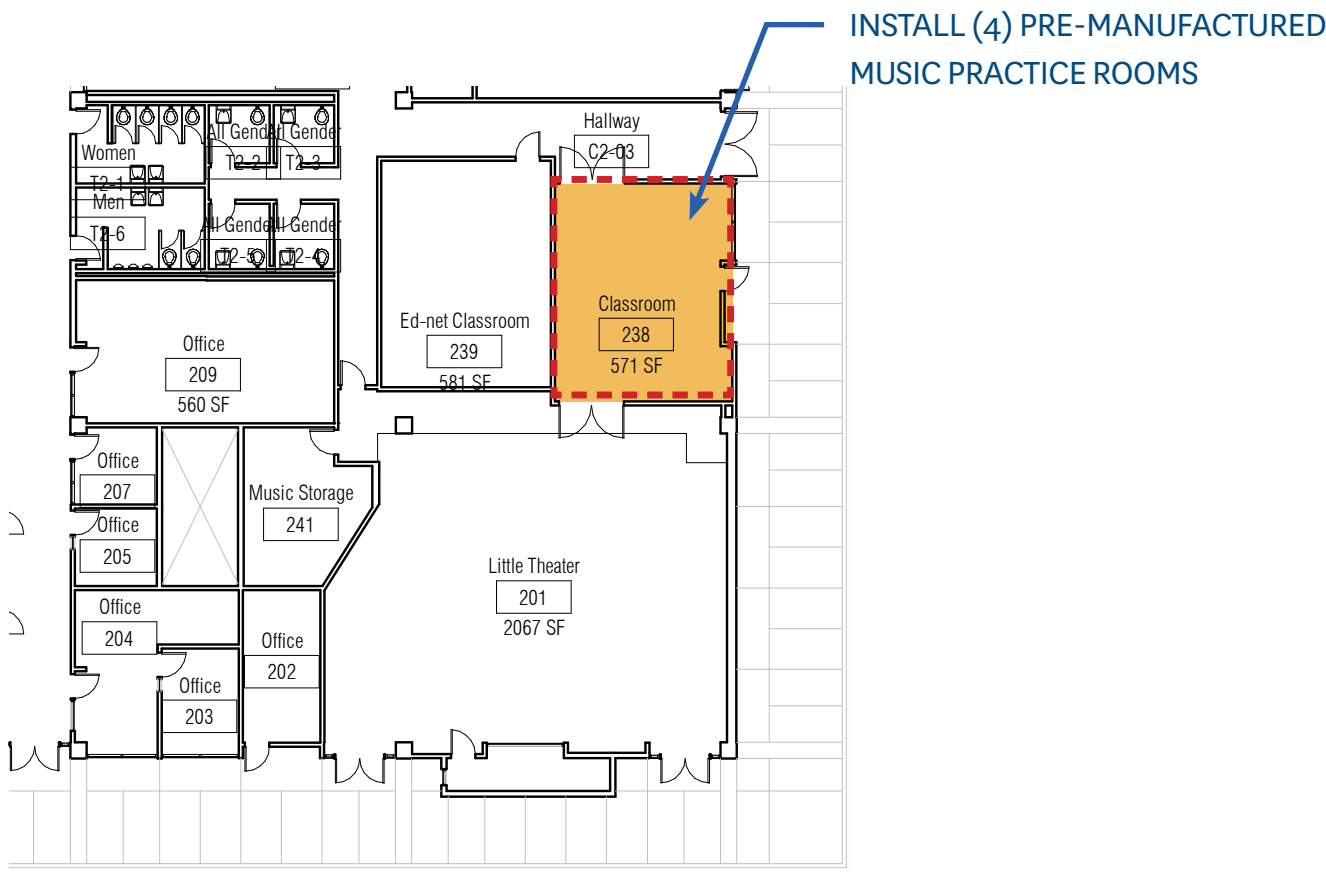
Dec. 2020

May 2021

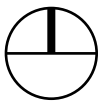
June 2021



CT Level 01 - Music Classroom, 1123 sf



CT Level 02 - Music Practice Rooms, 571 SF





Room 201 - Dance Studio,
2,067 sf

Library / Heat Plant
Construction

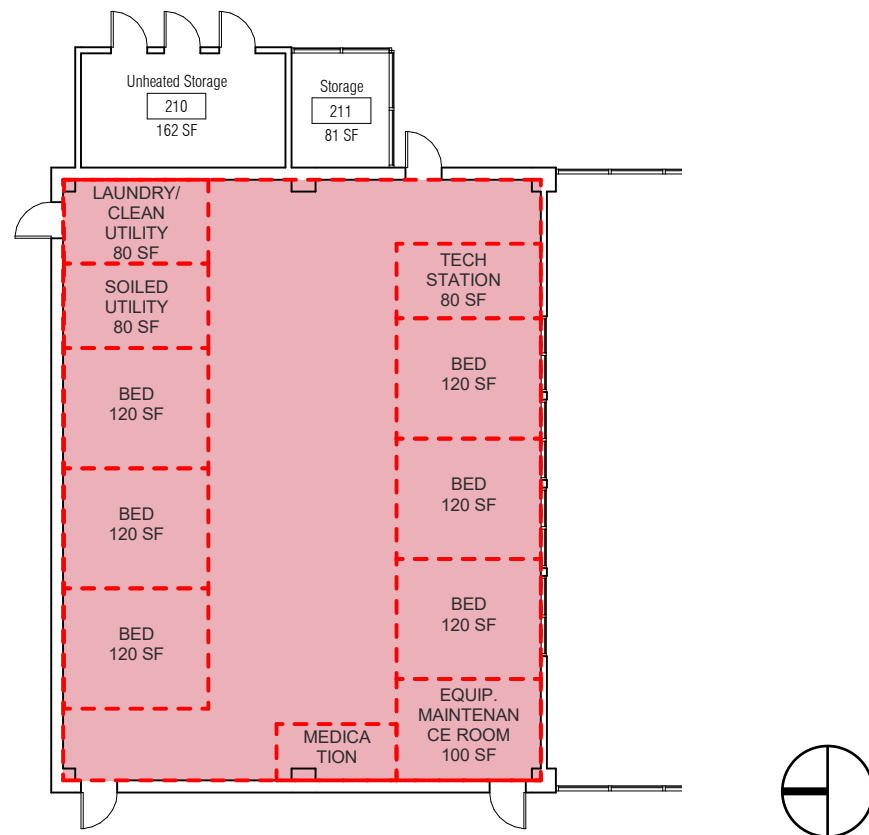
Nursing
Move

Dec. 2020

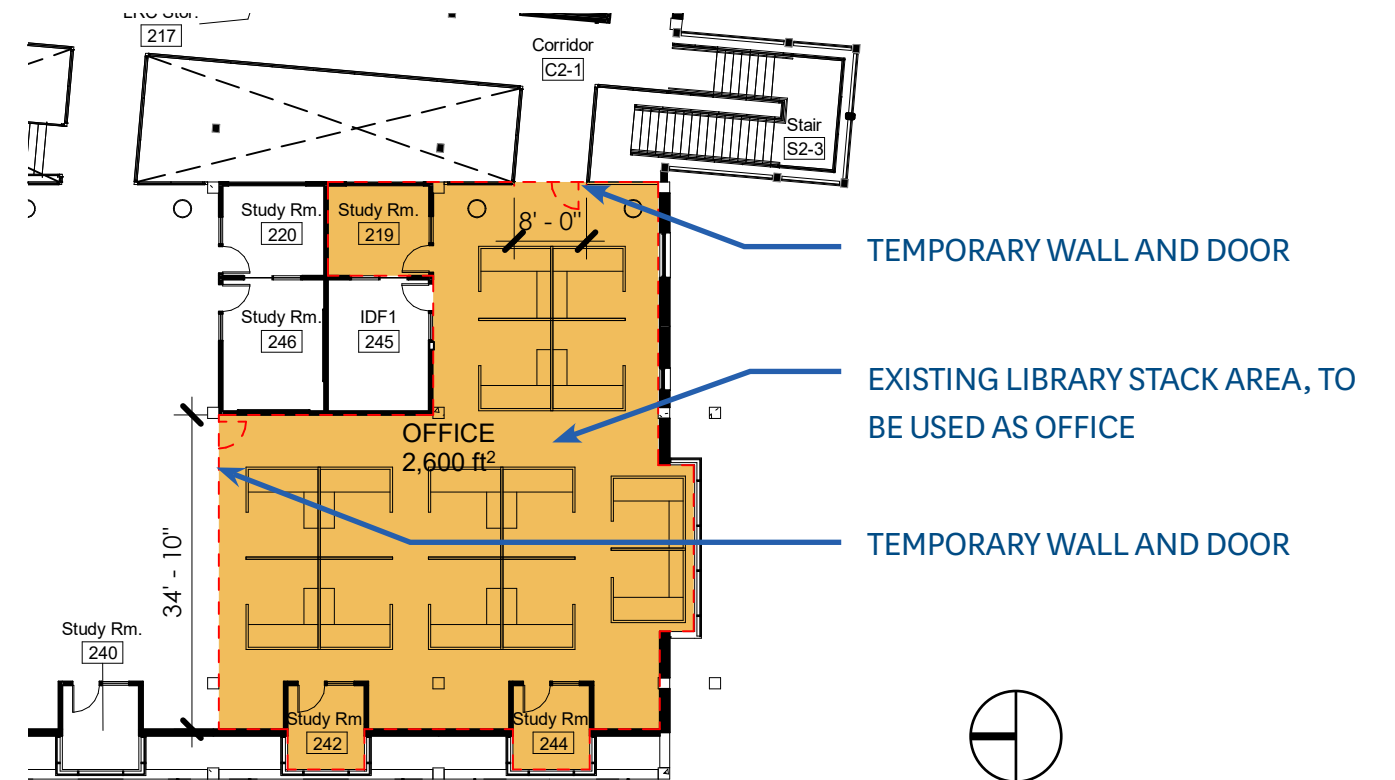
May 2021

June 2021

PRELIMINARY



Heat Plant - Nursing Skills Lab, 1,980 sf



Library - Open Office 2,600 sf

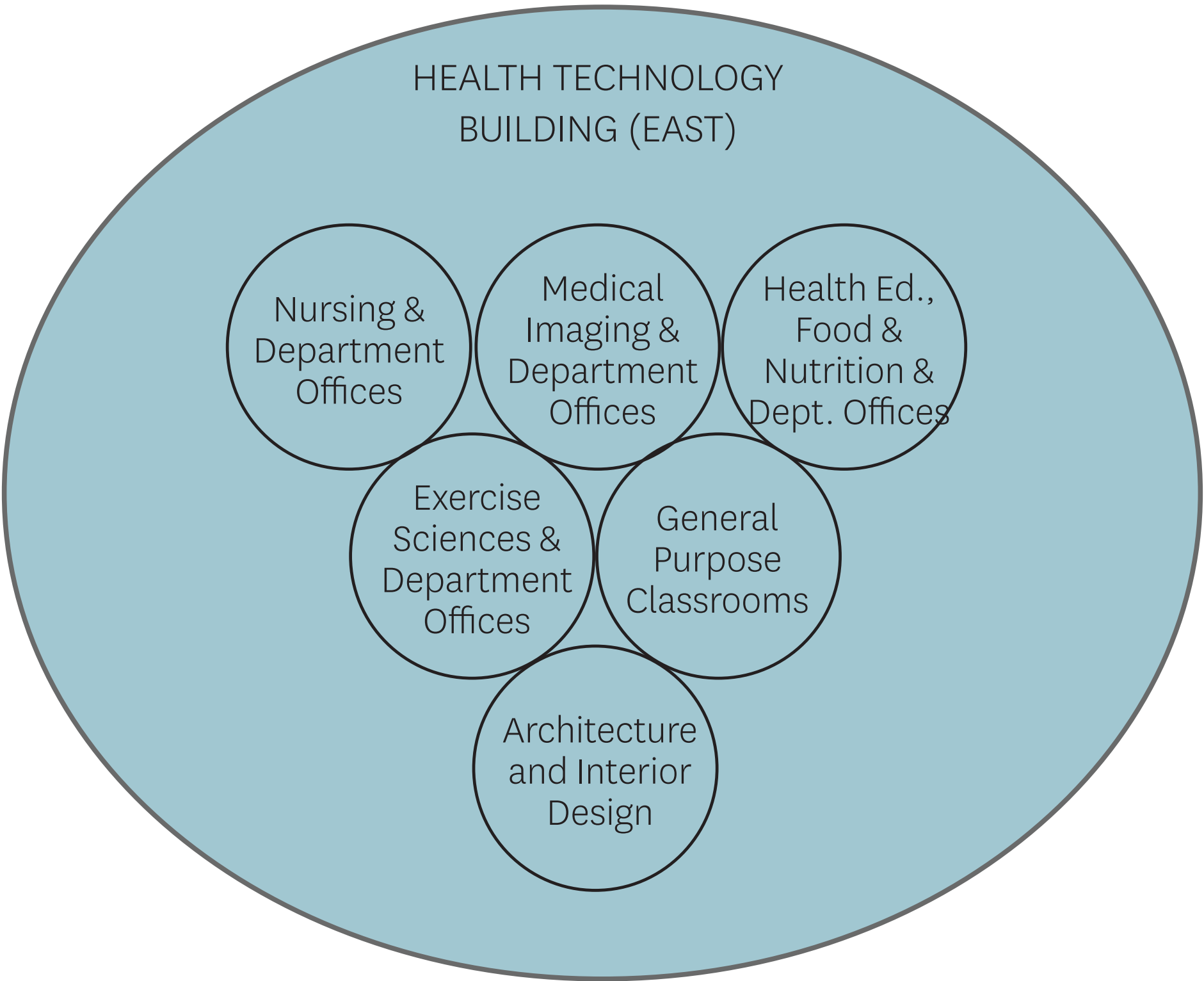
*Cascade Campus - Simulation

HT Test Fit

HT Building | Test Fit

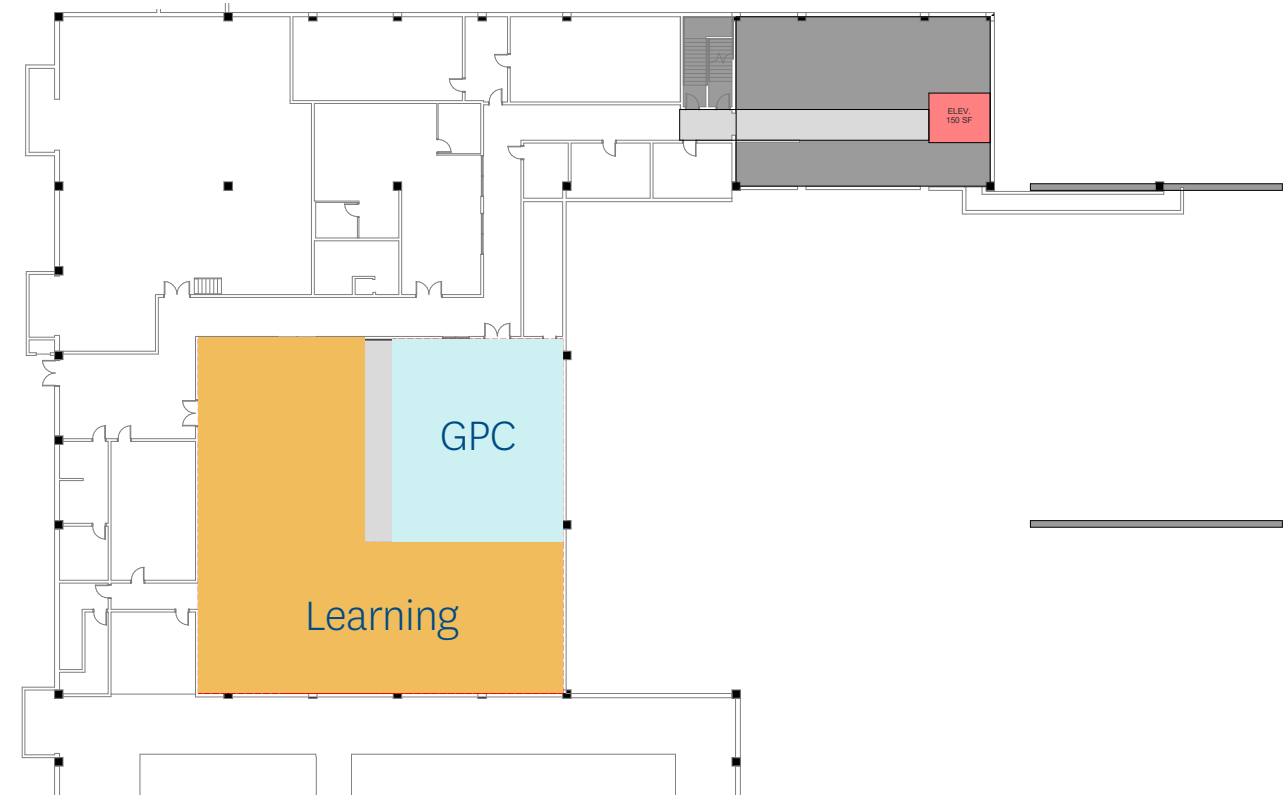
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HT Building | Departments

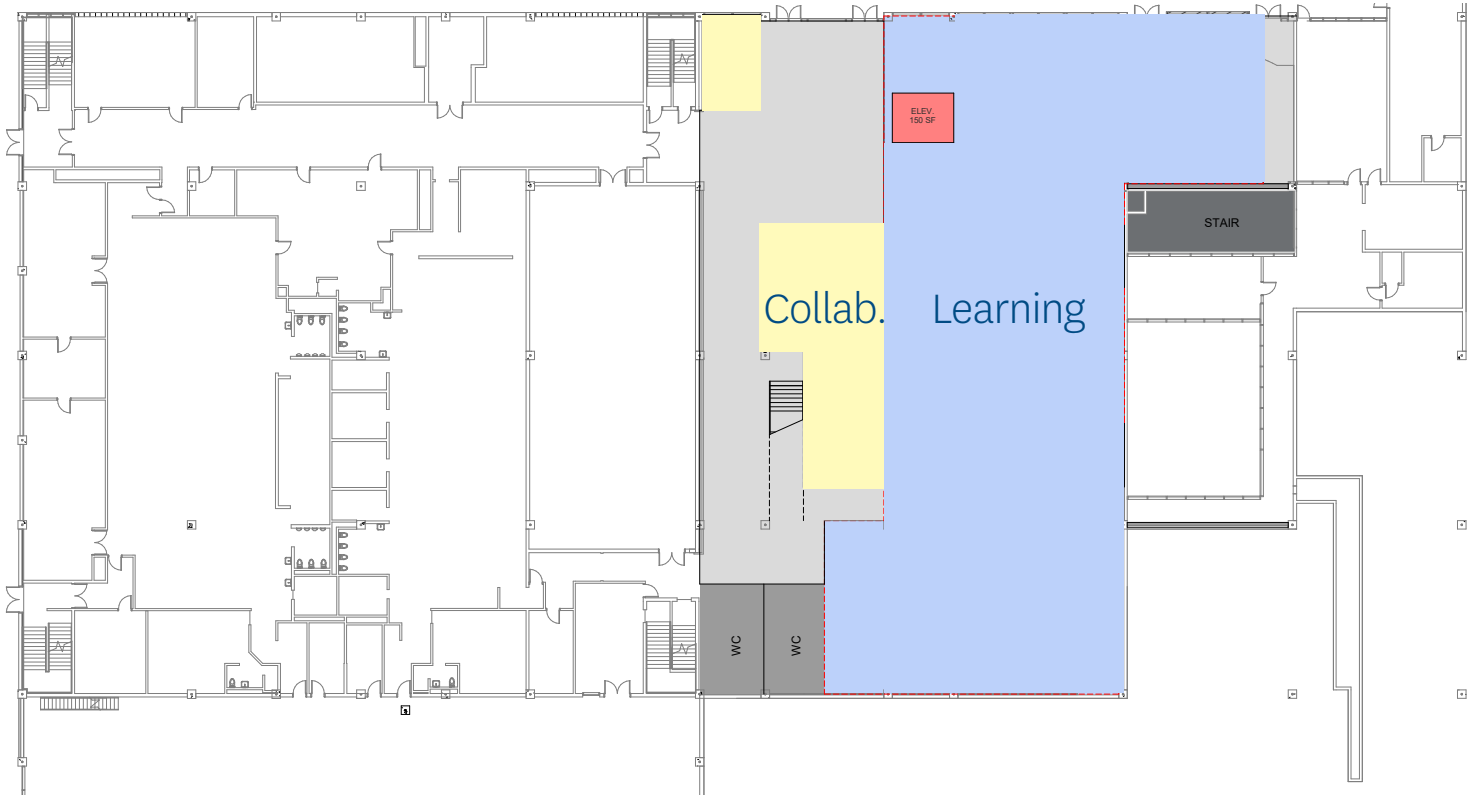


HT Building | Test Fit

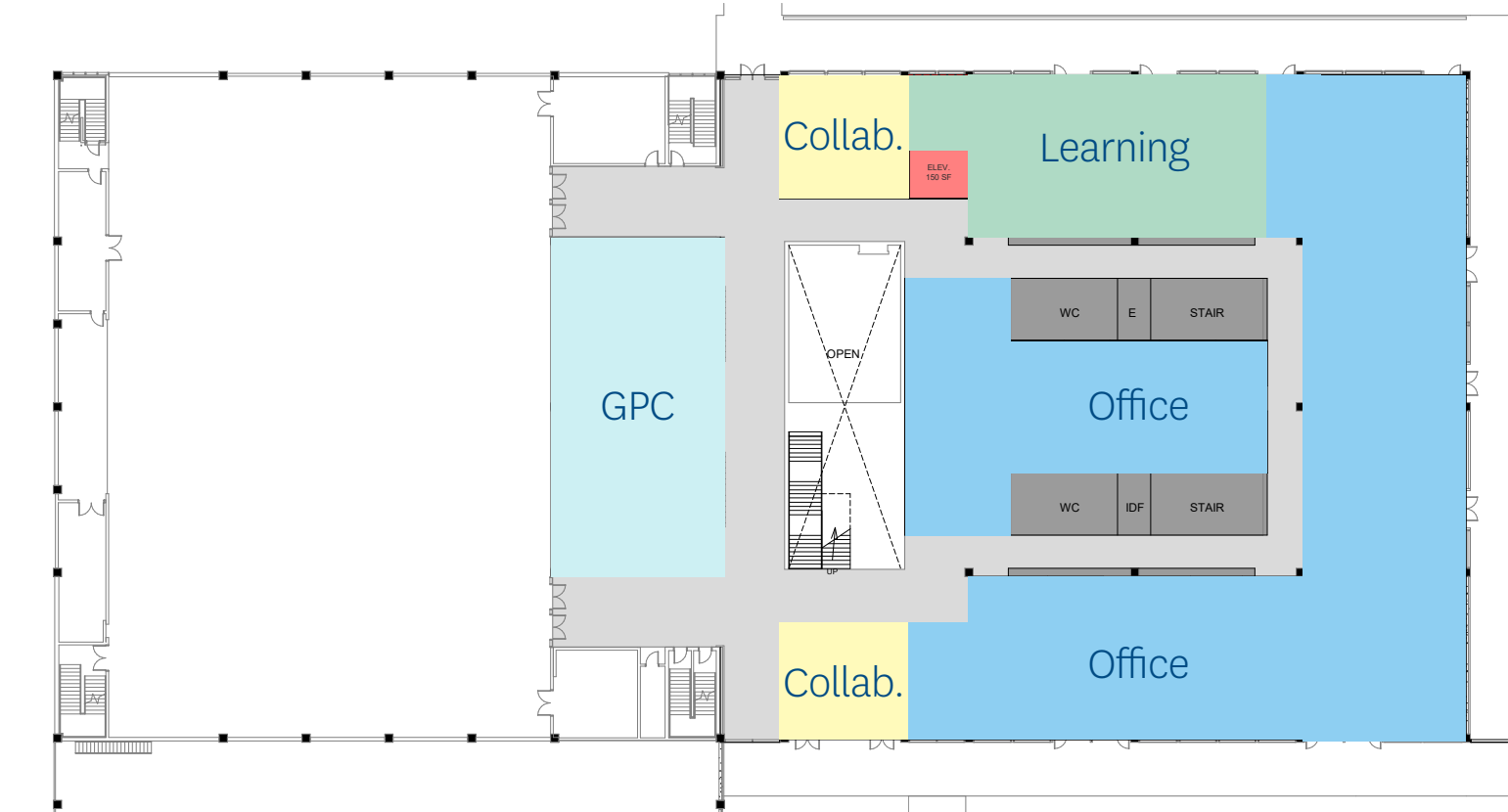
PRELIMINARY



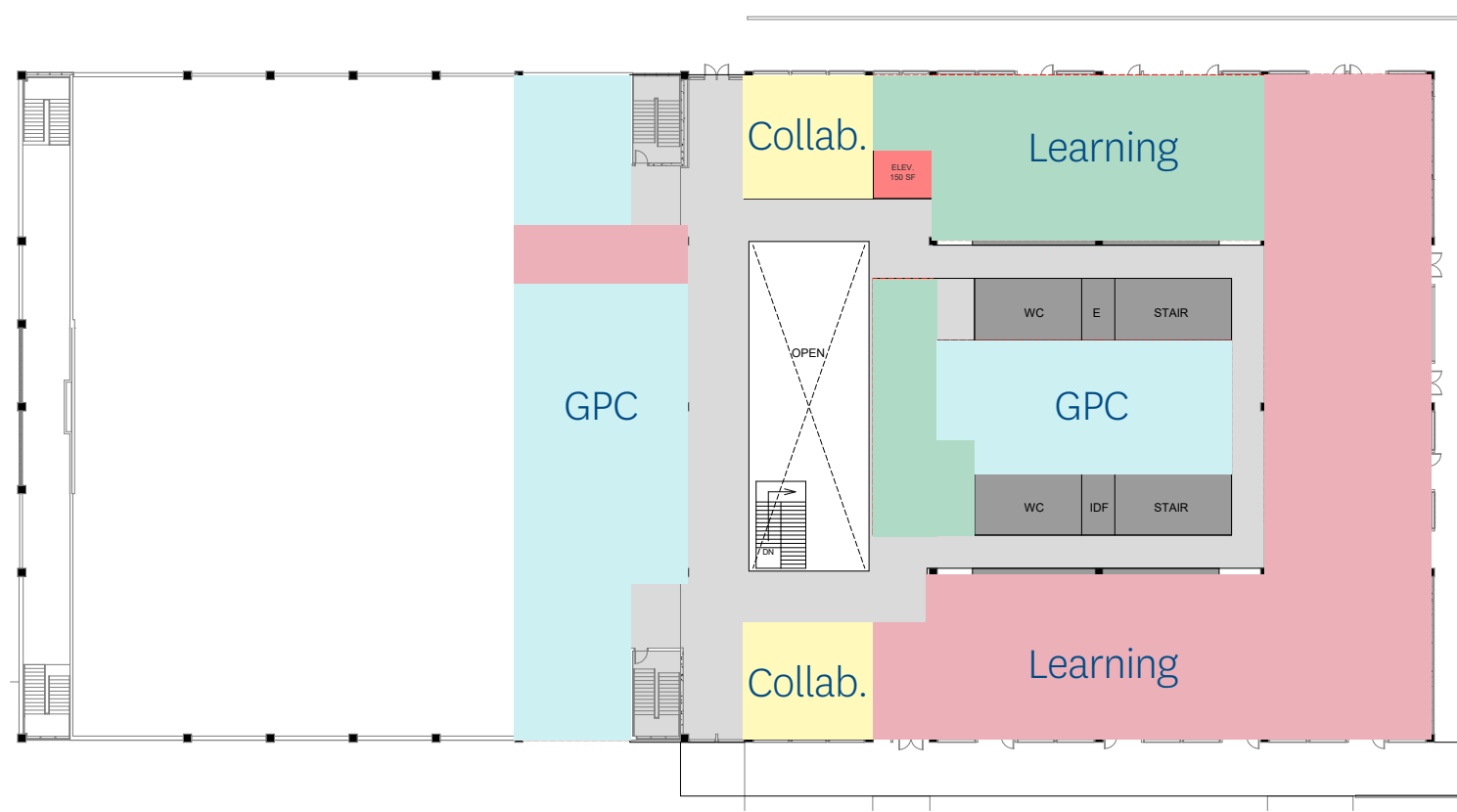
Level 0



Level 1



Level 2



Level 3

Site Improvements

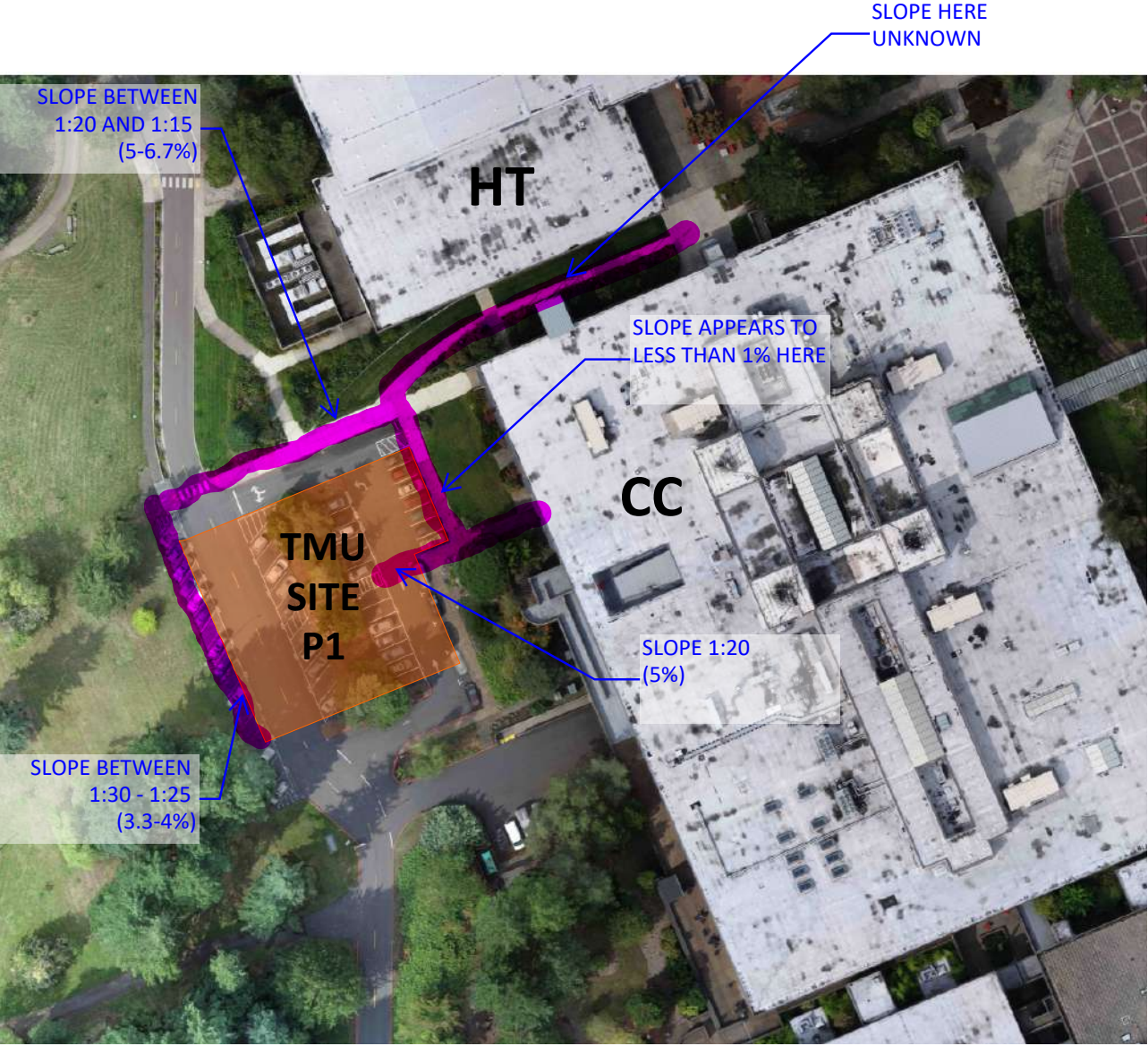
SY Campus | Site Improvements



- Nonconforming upgrades
- Some ADA work
- Documentation of entry and bus stop improvements
- Campus-wide wayfinding

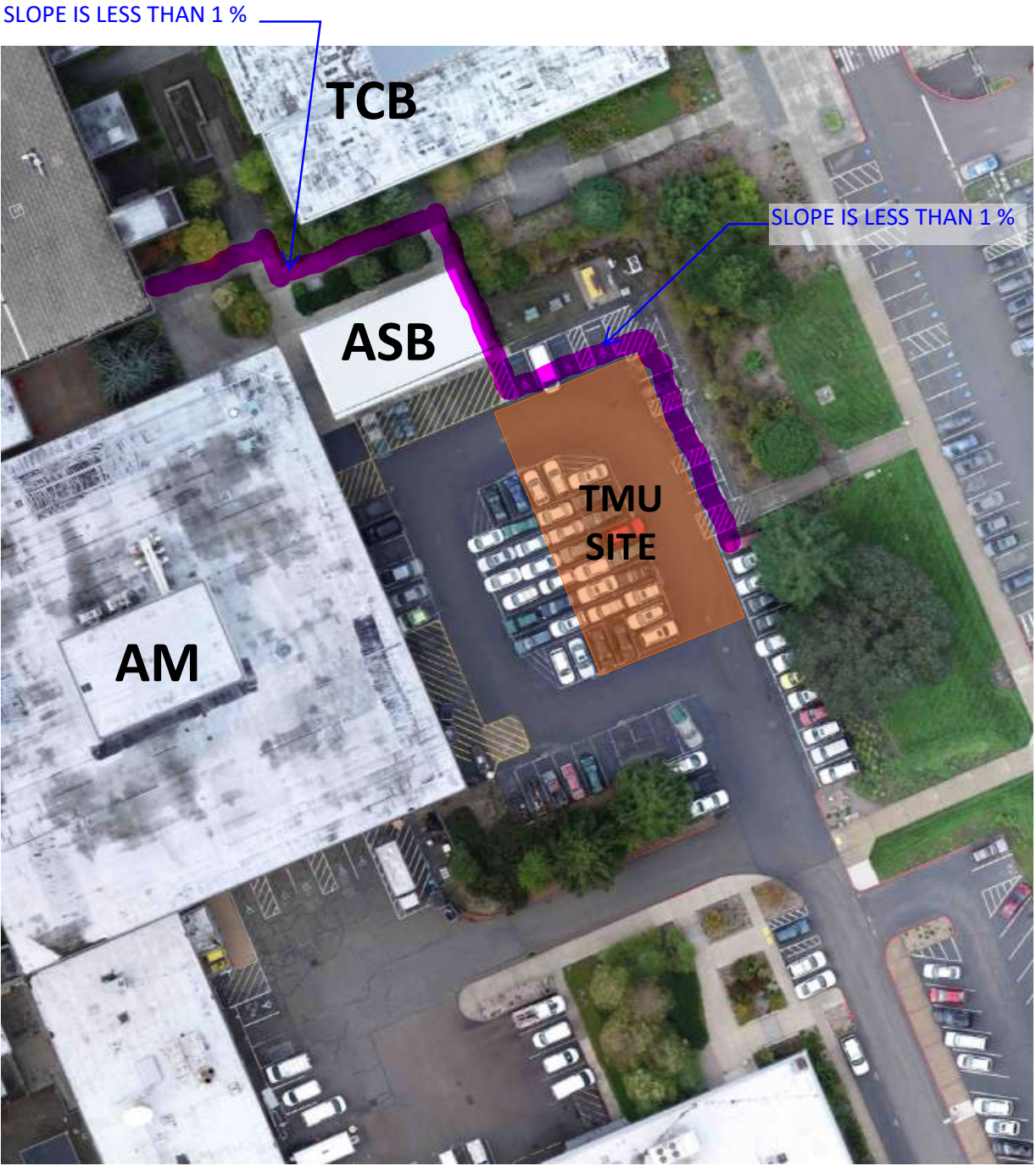
Reference

Accessible Route Studies



PARTIAL SITE PLAN - ACCESSIBLE ROUTE STUDY
Parking Lot P1
NTS
(SLOPES EXTRAPOLATED FROM 2011 EVANS SURVEY)

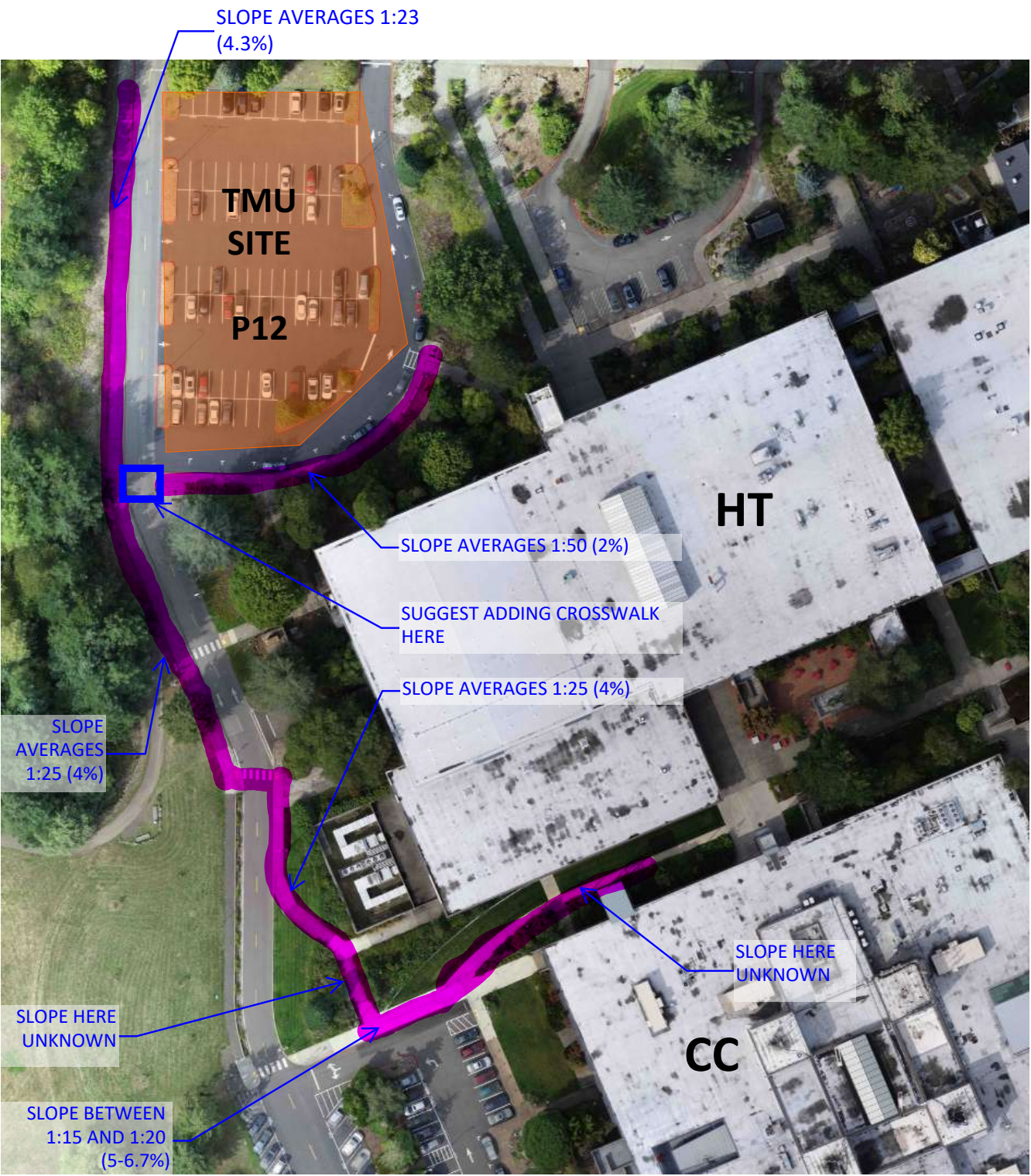
PCC SYLVANIA
Hacker
11.20.2019



PARTIAL SITE PLAN - ACCESSIBLE ROUTE STUDY
AM Parking Lot
NTS
(SLOPES EXTRAPOLATED FROM 2011 EVANS SURVEY)

PCC SYLVANIA
Hacker
11.20.2019

Accessible Route Studies



PARTIAL SITE PLAN - ACCESSIBLE ROUTE STUDY
NTS
(SLOPES EXTRAPOLATED FROM 2011 EVANS SURVEY)

PCC SYLVANIA
Hacker
11.14.2019



Americans With Disabilities Act (ADA)

ADA ensures access to the built environment for people with disabilities. Features such as grab bars in bathrooms, electrical outlets within reach and adjustable desks can be critical to student success.

Sylvania Accessible Travel Network

What is working

- There is increased awareness across the district about accessibility issues and solutions

Recommendations

- Establish an Accessible Travel Network (ATN) for each campus and center
- Prioritize deficiencies along each ATN, including interior deficiencies where the ATN passes through buildings
- Reduce overall travel distance from accessible points of arrival to users' destination

Also look at:



WHAT WE HEARD - SUSTAINABILITY WORKSHOPS, JANUARY 2020

EXTERIOR AND INTERIOR CONNECTIONS

- The HT building could connect PCC to nature through use of daylighting, views to the outside, and sound.
- The HT building could provide equitable access for all users from the campus to the classroom.

HEALTHY PRODUCTS AND NATURAL MATERIALS

- The HT building could use locally sourced, recycled/durable, and natural materials & finishes.
- The HT building could provide more diverse color and materials.

WATER AND ENERGY RESOURCES

- The HT building could use water as a principle strategy for connecting to nature by water recycling and reuse in landscaping and waste management, as well as using water features to connect the inside to the outside.
- PCC could implement the use of renewable energy systems and provide a publicly accessible dashboard for energy usage.

ACTIVE DESIGN

- The HT building could provide greater freedom of choice in different spaces.
- The HT building could be more accessible from the campus to the classroom.

WHAT WE HEARD - SUSTAINABILITY WORKSHOPS, JANUARY 2020

BIOPHILIC DESIGN/NATURE IN THE BUILDING

- More indoor plants will improve air quality and connection to nature
- A water feature could provide a grounding visual and audio landmark in the HT building.

RESILIENCY

- The HT building could have flexible space that could adapt to student needs and the growth of the college.
- The HT building could provide a responsive, proactive approach to changing climate conditions.

WELLBEING AND COMFORT

- Space in the HT building could support student activities, especially studying, eating, community-building, and rest.
- The HT building could provide more options for food and nutrition for students that purchase food at the college and bring food from home.

WHAT DID WE MISS?

1/15-17 SUSTAINABILITY WORKSHOPS - YOUR VISION

We asked: Considering your lived experience, multiple identities, and sustainability goals for the HT project, use collage to represent a future moment where learning is happening in the completed HT space.

What's missing? How do you envision learning happening in the renovated HT building?

