

OUS / OHSU

Collaborative Life Sciences Building & OHSU Skourtes Tower

Portland City Council: 10.12.2011

Presenters:

Mark Gregory, PSU

Brian Newman, OHSU

David Bearden, OSU



COLLABORATIVE LIFE SCIENCES BUILDING VISION

- PROMOTE INTER-INSTITUTIONAL COLLABORATION IN LIFE SCIENCES EDUCATION & TRANSLATIONAL RESEARCH;
- STIMULATE ECONOMIC DEVELOPMENT;
- ADDRESS HEALTHCARE WORK FORCE SHORTAGE;
- FOSTER MULTIDISCIPLINARY EDUCATION IN THE HEALTH PROFESSIONS;
- PROMOTE PARTNERSHIPS WITH PRIVATE INDUSTRY.



OUS/OHSU COLLABORATIVE LIFE SCIENCES BUILDING (CLSB):

PSU

- BIOLOGY
- CHEMISTRY
- ANATOMY & PHYSIOLOGY

OSU

- PHARMACY PROGRAM
- RESEARCH LABS

OHSU

- SCHOOL OF MEDICINE
- SCHOOL OF DENTISTRY
- RADIATION THERAPY PROGRAM
- ADVANCED IMAGING FACILITY
- RESEARCH LABS



OHSU SKOURTES TOWER:

OHSU

- SCHOOL OF DENTISTRY
- RESEARCH LABS

PROJECT FUNDING:

STATE BONDS	\$110 MILLION
OHSU FUNDING	\$92 MILLION
OHSU PHILANTHROPY	\$83 MILLION
TRIMET	\$10 MILLION
 TOTAL	 \$295 MILLION



PROJECT TIMELINE:

CONSTRUCTION DOCUMENTS/PERMITS:

BASEMENT/FOUNDATION

CDs: SEPT 2011

PERMIT: OCT 2011

CORE & SHELL

CDs: DECEMBER 1ST

PERMIT: MID-JANUARY 2012

PROGRAM/INTERIORS

CDs: APRIL 2012

PERMIT: JUNE 2012

CONSTRUCTION COMPLETION:

CLSB: LATE SUMMER 2013 (**START OF PSU 2013 SCHOOL YEAR**)

SKOURTES TOWER: SPRING 2014

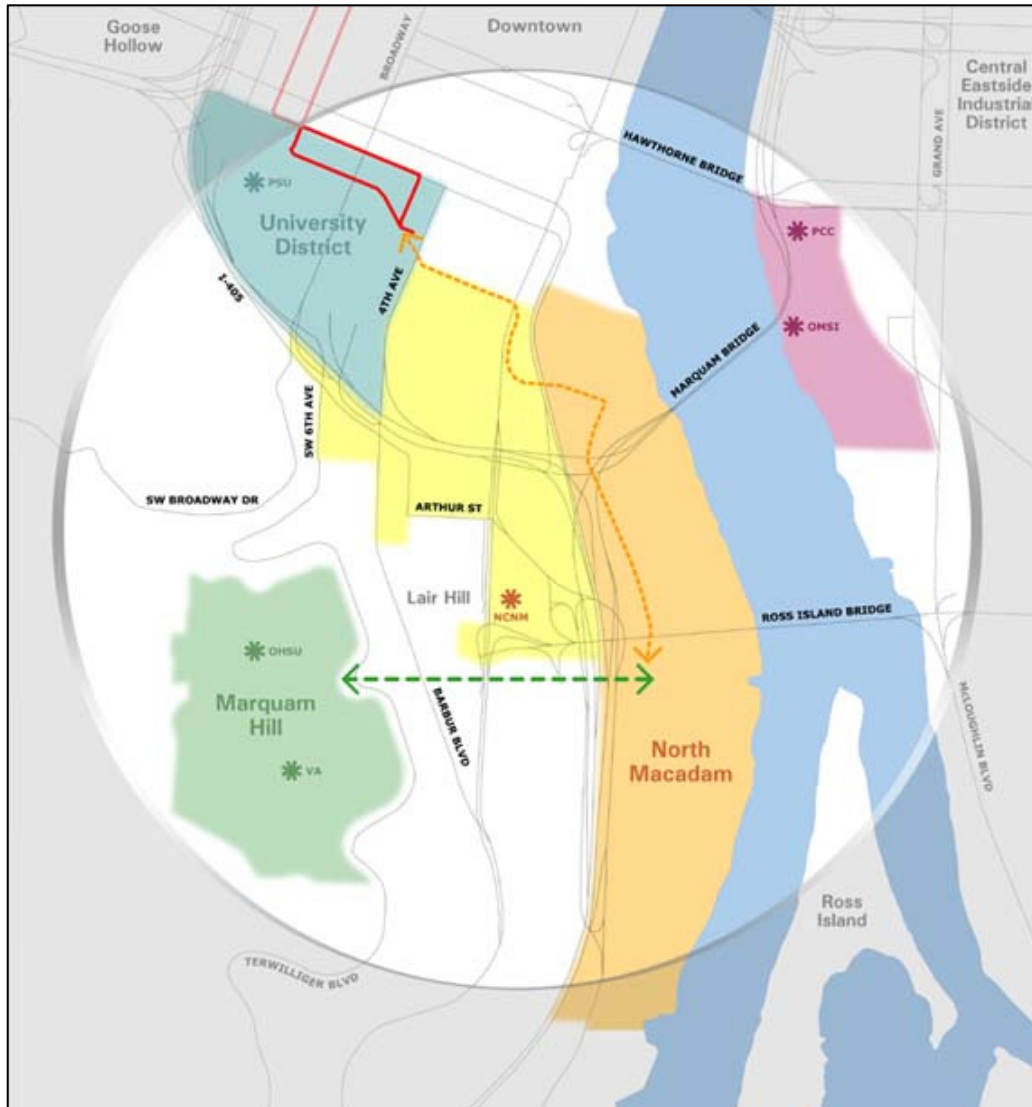


SUSTAINABILITY – PROJECT GOALS & STRATEGIES

- PURSUING LEED **PLATINUM** CERTIFICATION
- ECO-DISTRICT READY BUILDING
- GREEN ROOFS **AND** RAINWATER CAPTURE AND REUSE FOR NON-POTABLE USE
- **30%** MORE ENERGY EFFICIENT THAN CODE
- HIGH PERFORMANCE HEATING AND COOLING SYSTEMS
 - HEAT RECOVERY, SYSTEMS, RADIANT HEATING AND COOLING, DISPLACEMENT VENTILATION, EFFICIENT LIGHTING SYSTEMS
- HEALTHY MATERIALS FOCUSED ON **ENHANCING** INDOOR ENVIRONMENT QUALITY



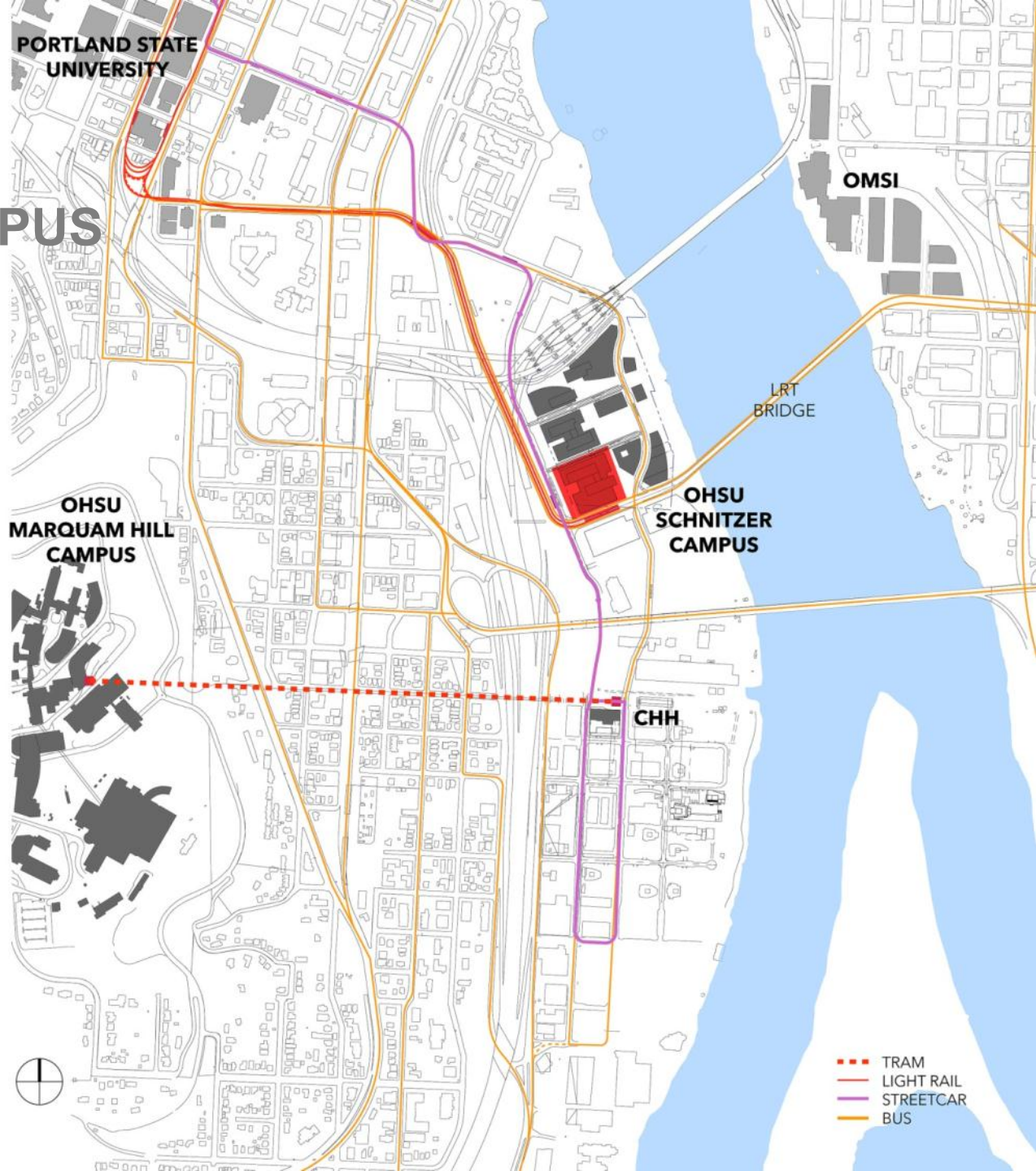
SCIENCE AND TECHNOLOGY QUARTER:



IN 2002, THE PORTLAND CITY COUNCIL RECOGNIZED THE “SCIENCE AND TECHNOLOGY QUARTER” TO ENCOURAGE SUPPORT OF AND CONNECTIONS BETWEEN OHSU, PSU, OMSI, PCC AND NCNM.

- PHYSICAL CONNECTIONS
- PROGRAMMATIC CONNECTIONS

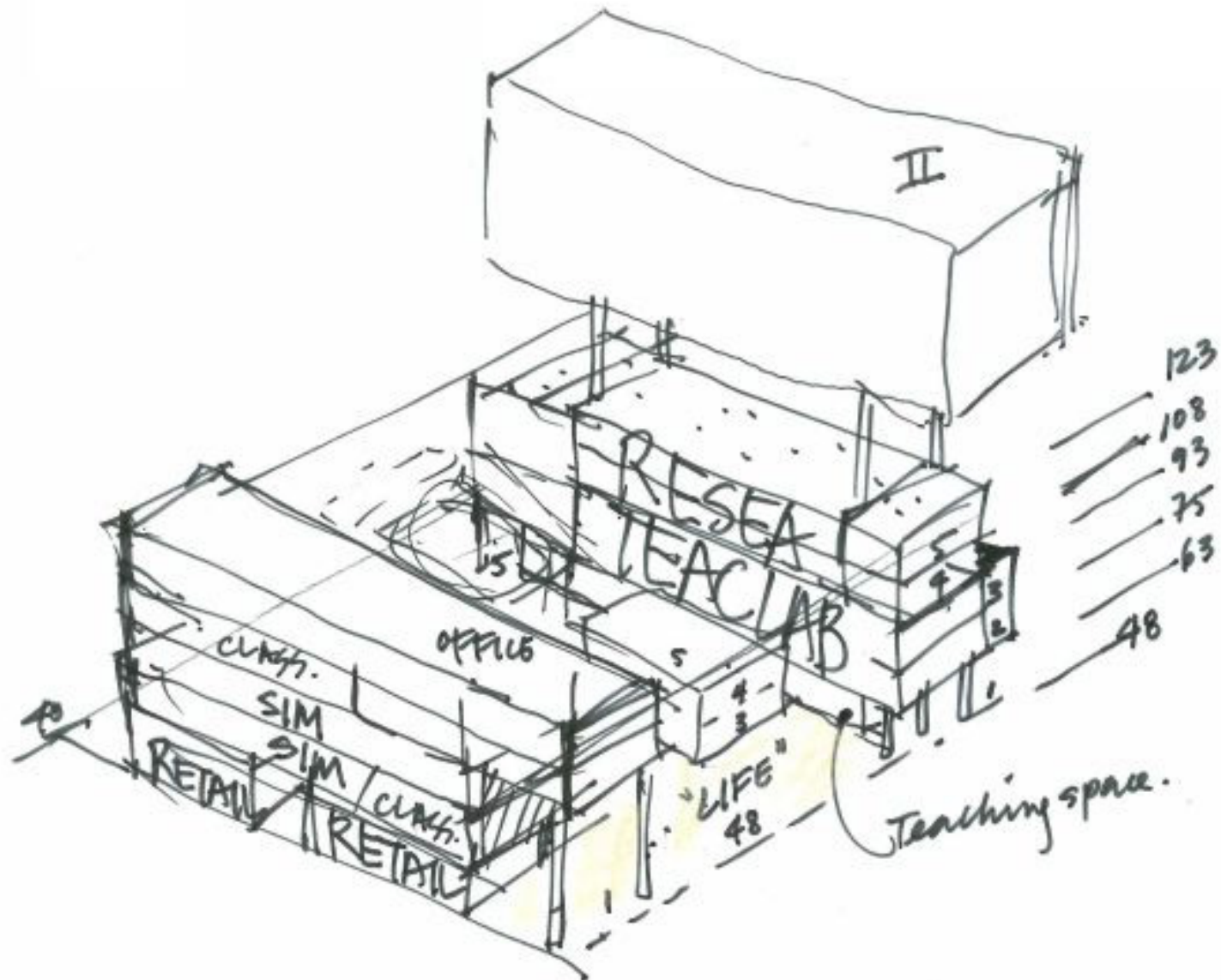
CONNECTIVITY TO CITY & CAMPUS



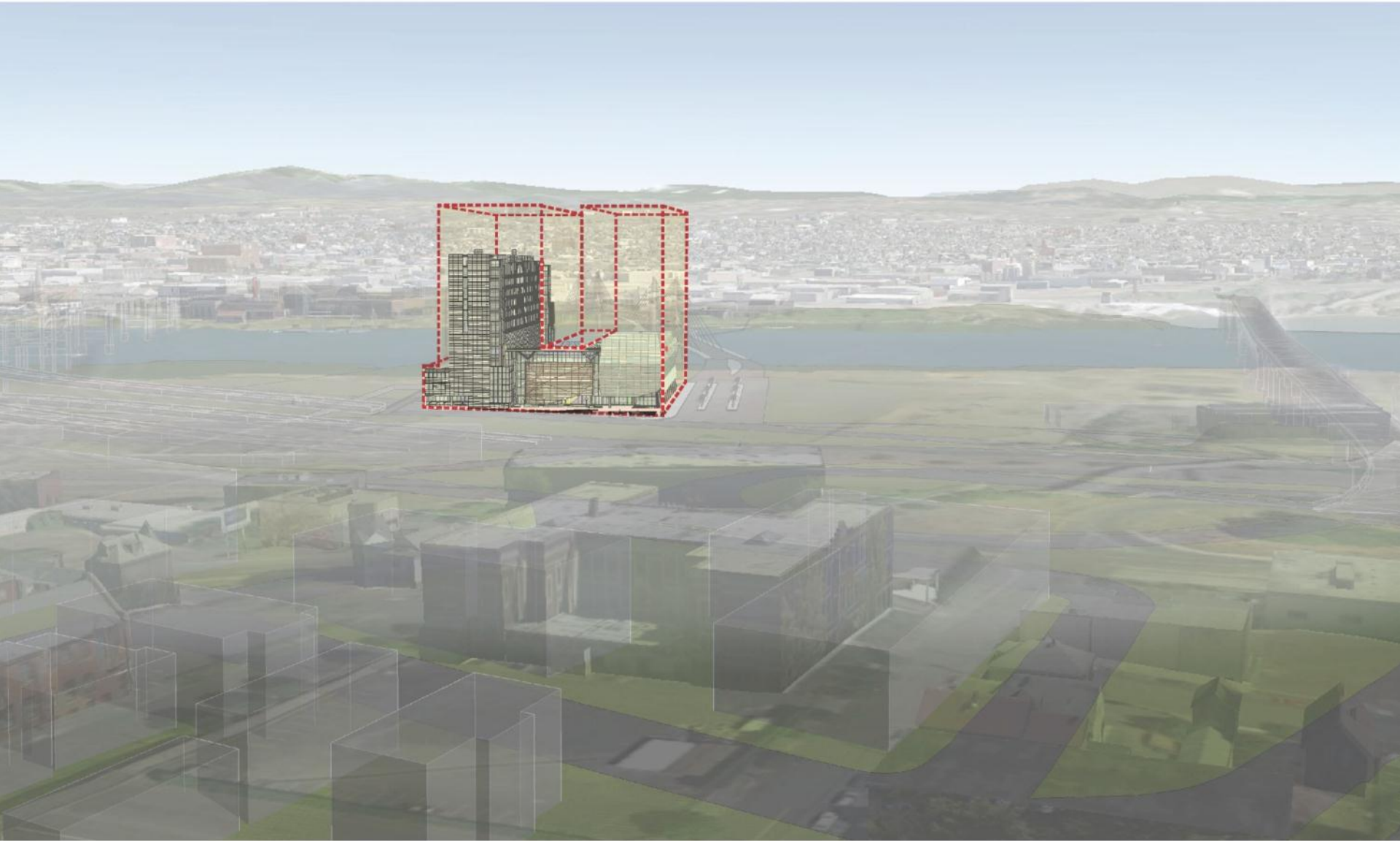
OHSU SCHNITZER CAMPUS MASTER PLAN



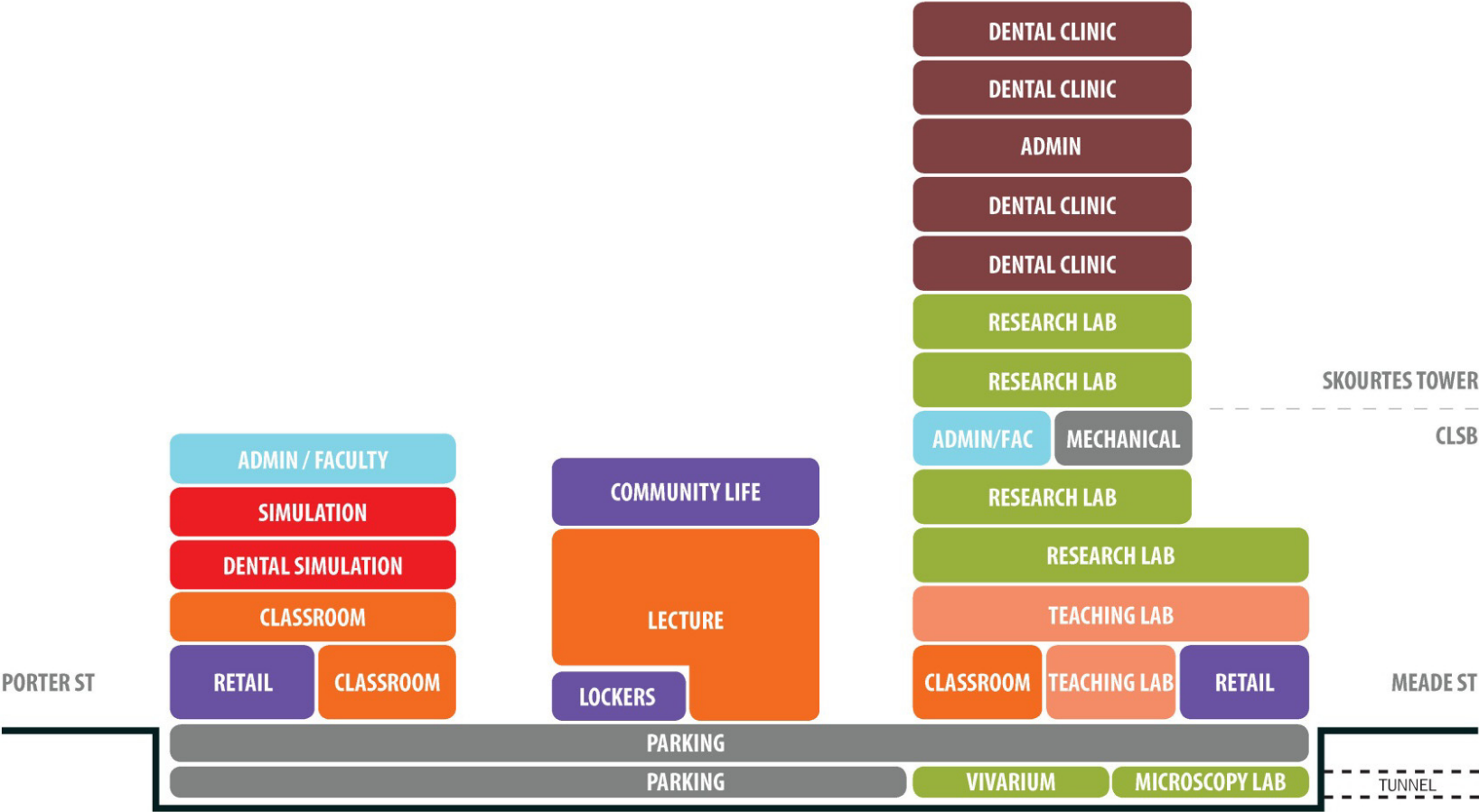
BUILDING MASSING CONCEPT SKETCH



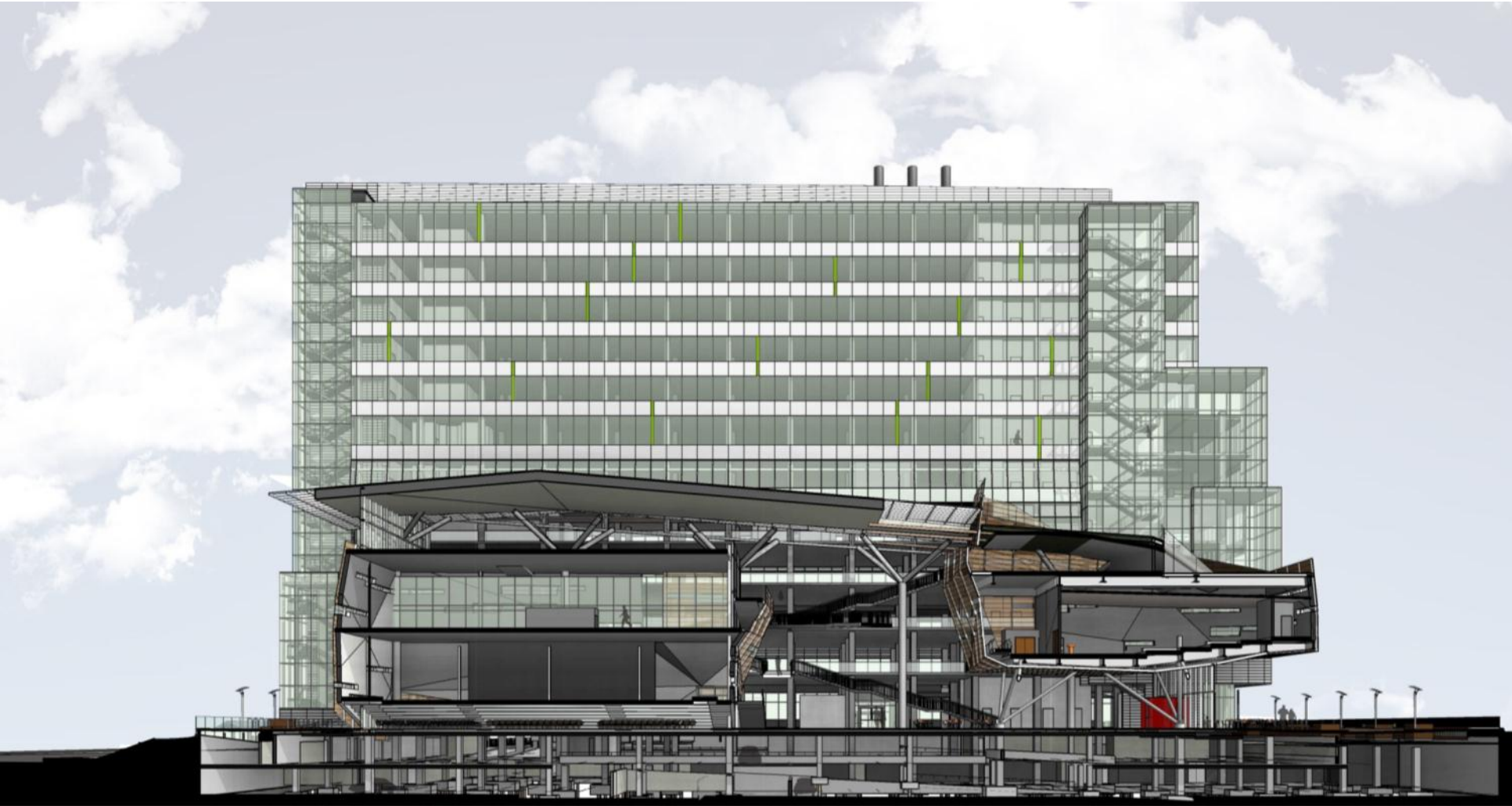
ALLOWABLE BUILDING ENVELOPE



PROGRAM STACKING DIAGRAM



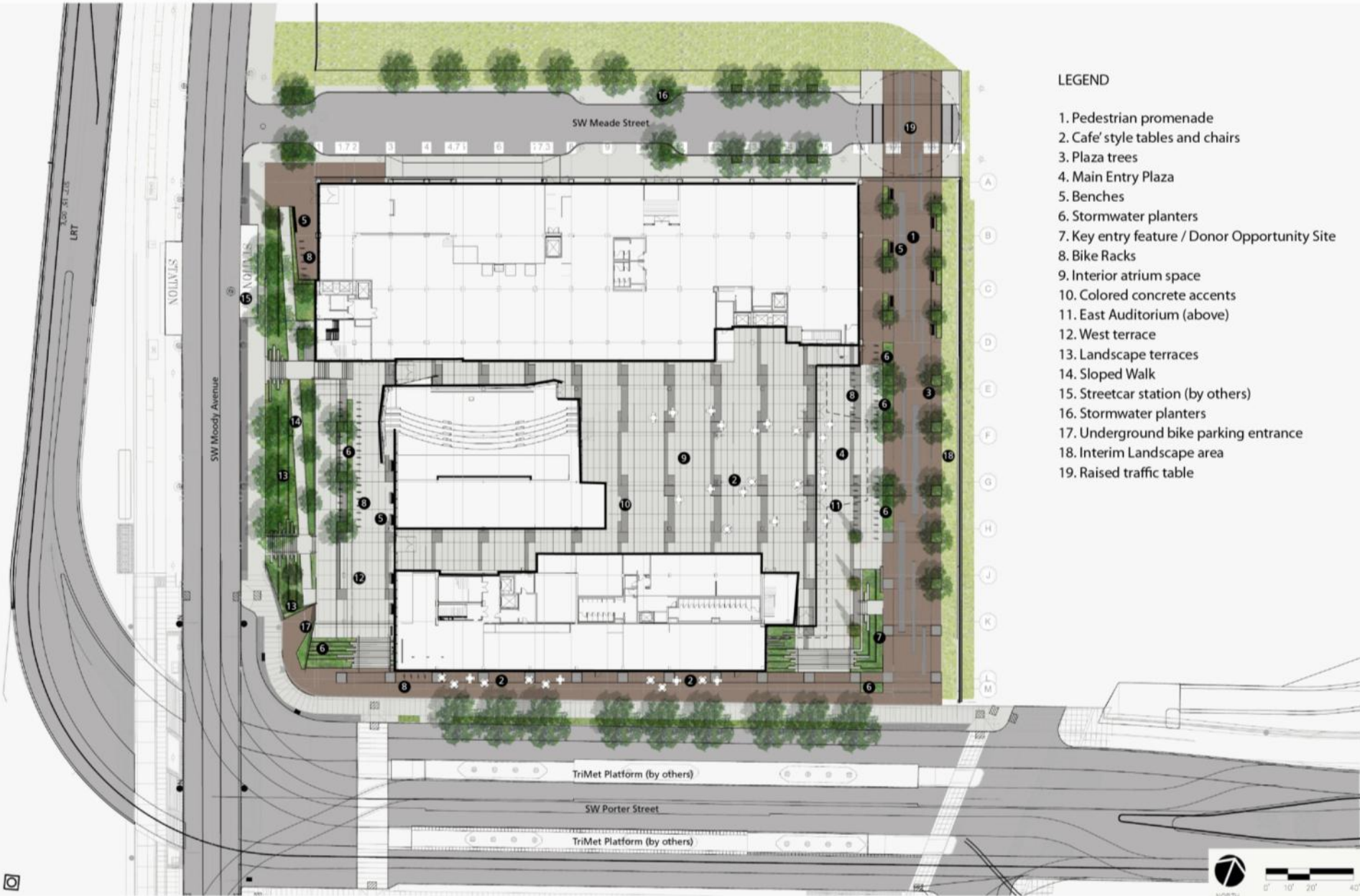
E/W SECTION THROUGH ATRIUM



N/S SECTION PERSPECTIVE THROUGH ATRIUM



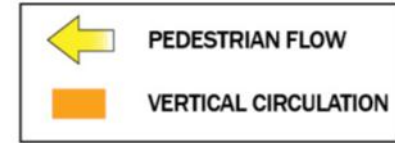
OVERALL SITE & STREET CONTEXT



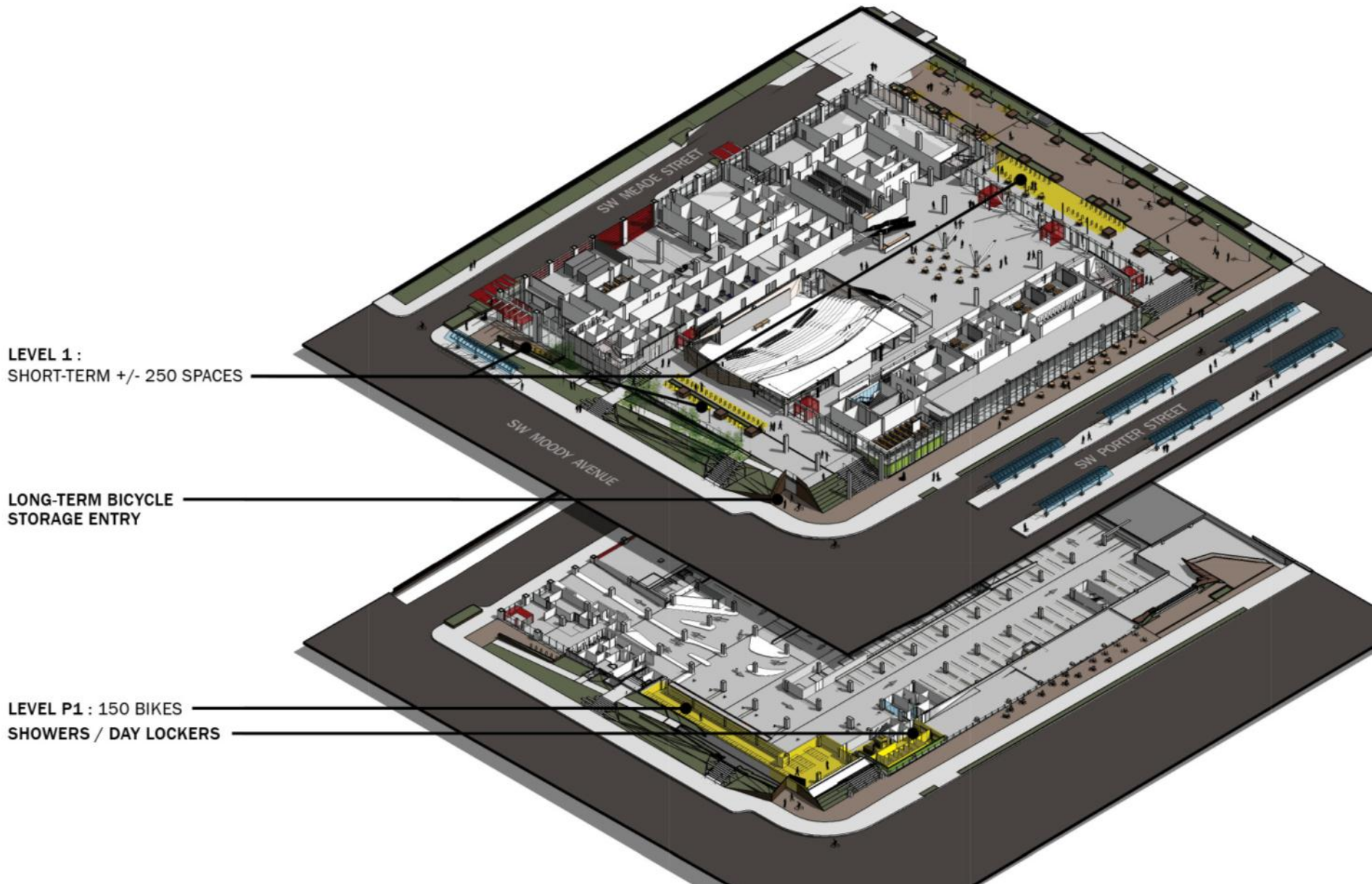
BUILDING ENTRIES



FIRST FLOOR PEDESTRIAN FLOW



BIKE PARKING & BIKE PARKING COUNT

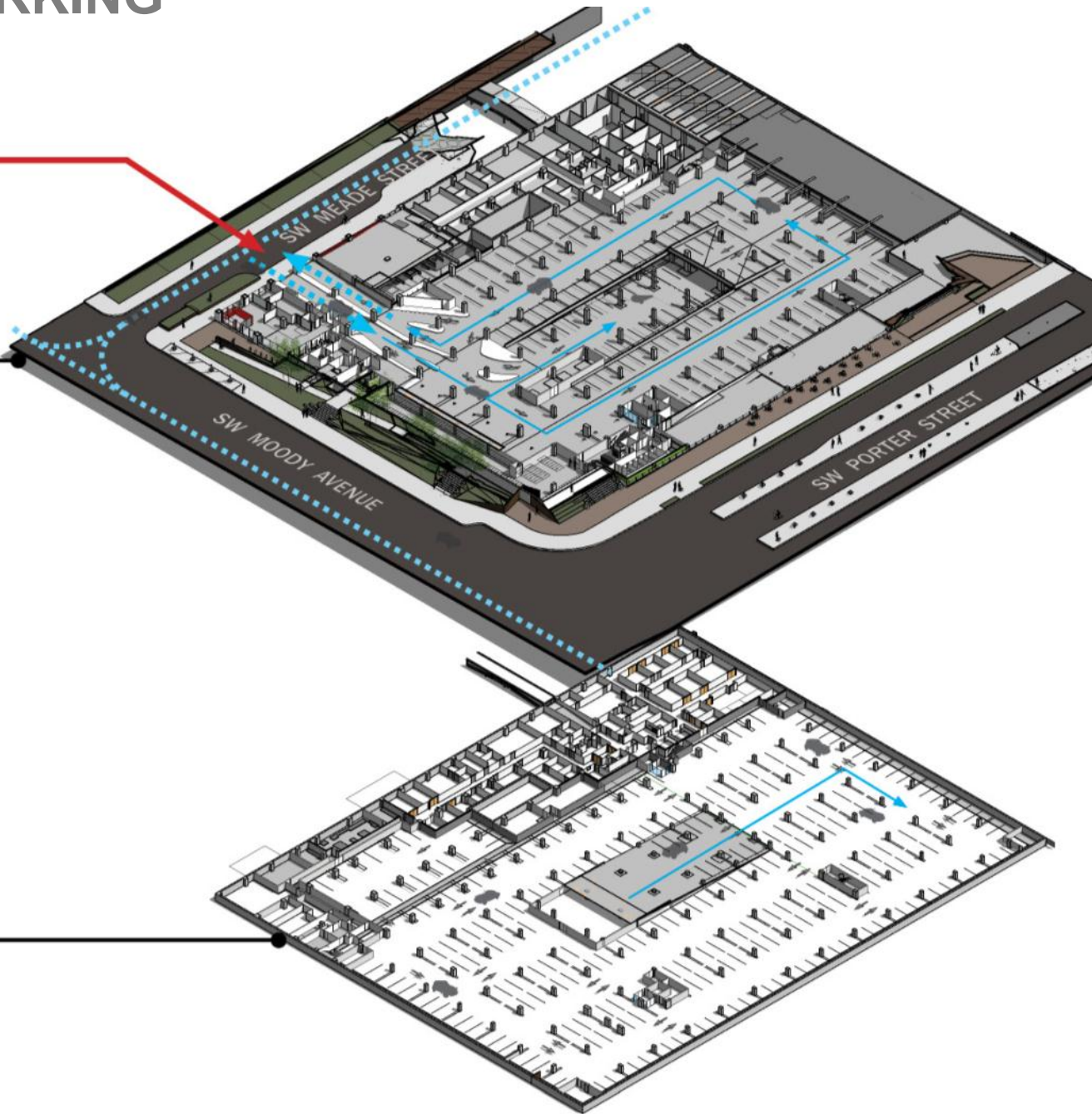


AUTOMOBILE PARKING

MEADE STREET PARKING ENTRY

LEVEL P1 : 137 SPACES

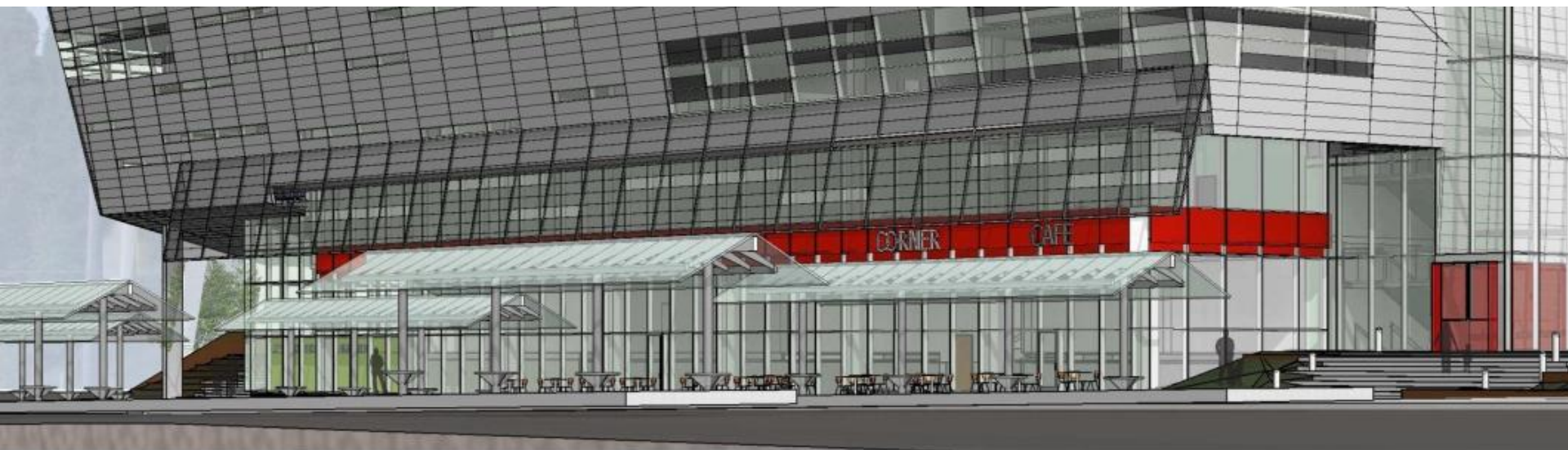
LEVEL P2 : 292 SPACES

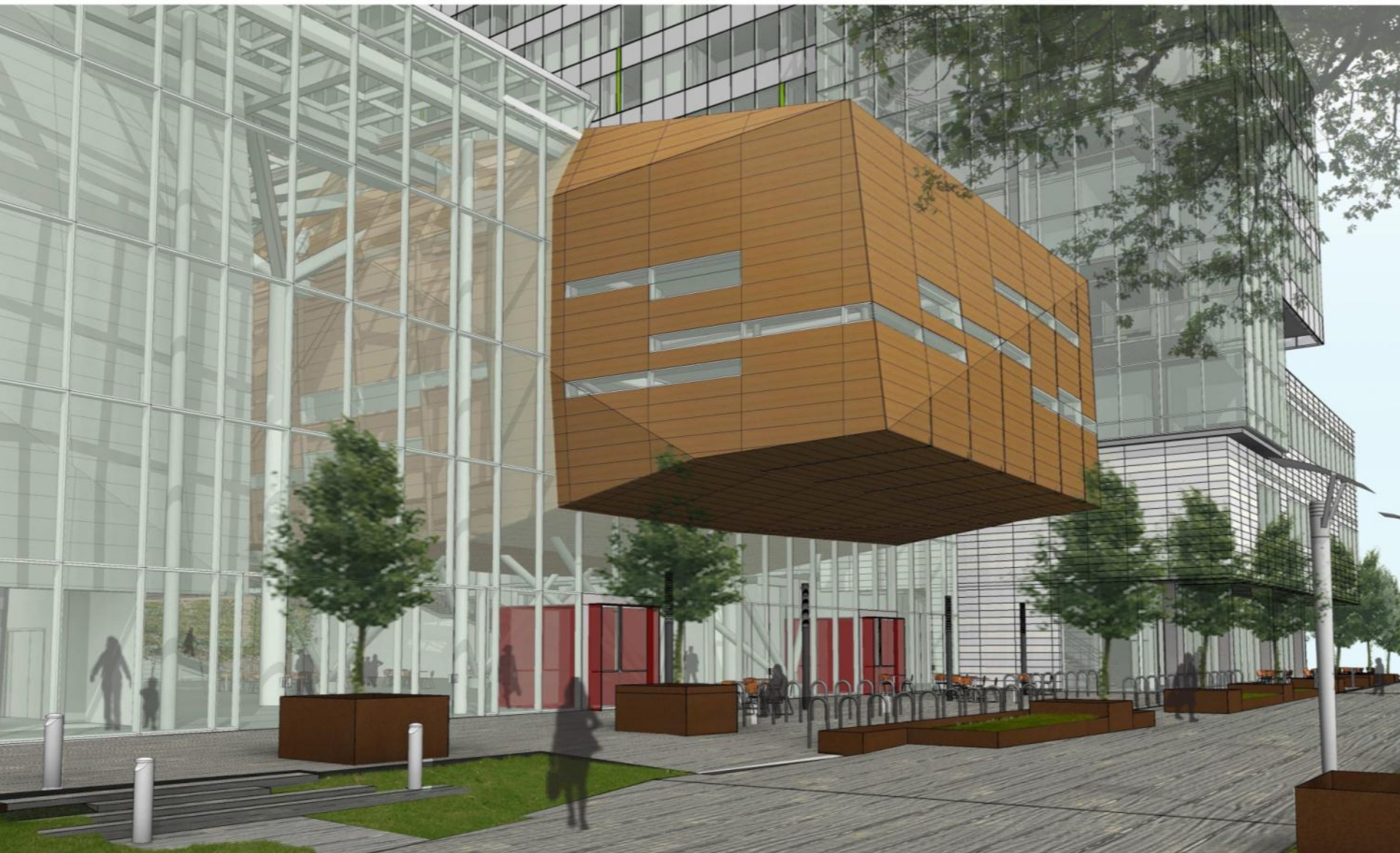


FIRST FLOOR AXONOMETRIC PLAN – BUILDING USES





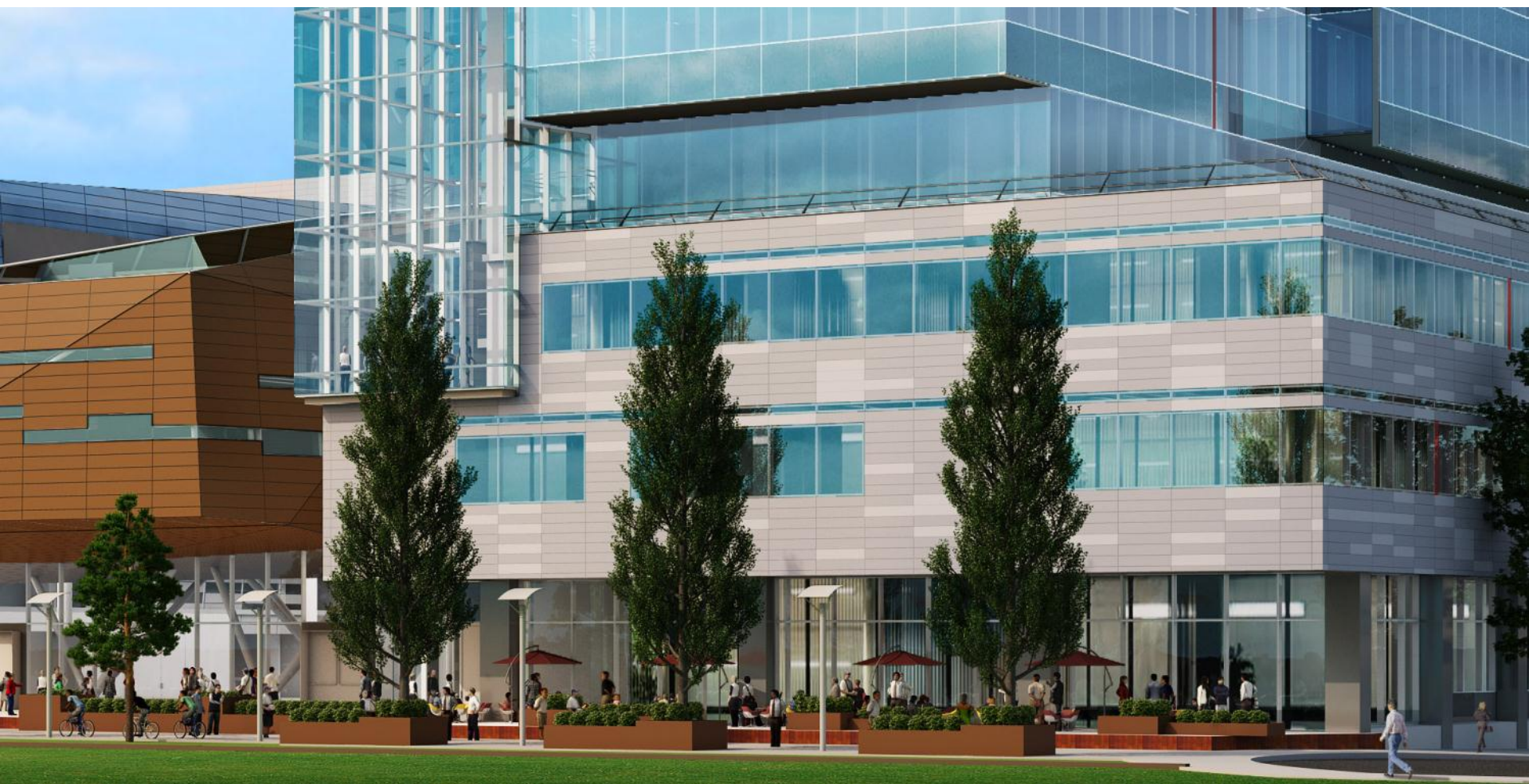






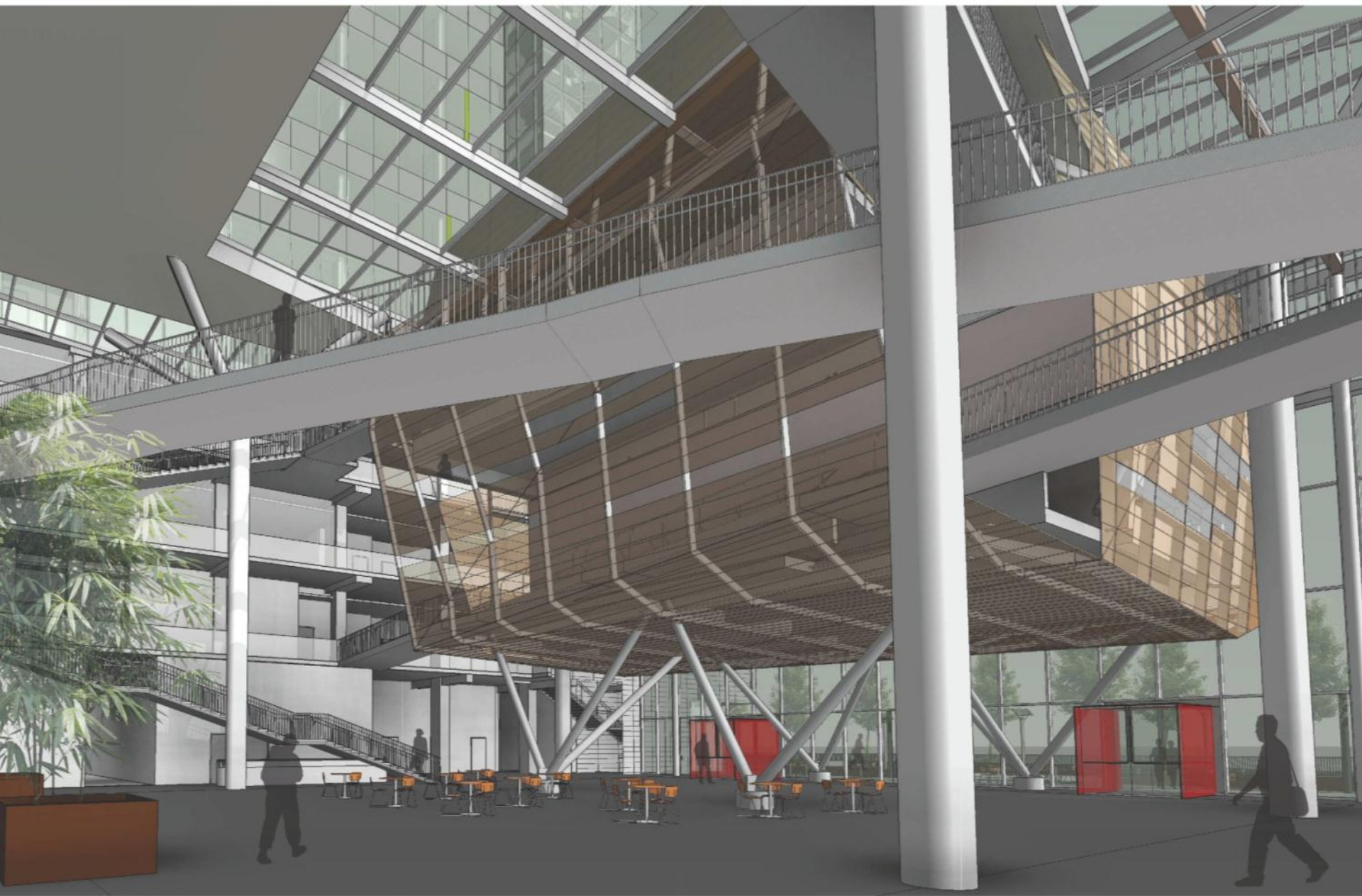






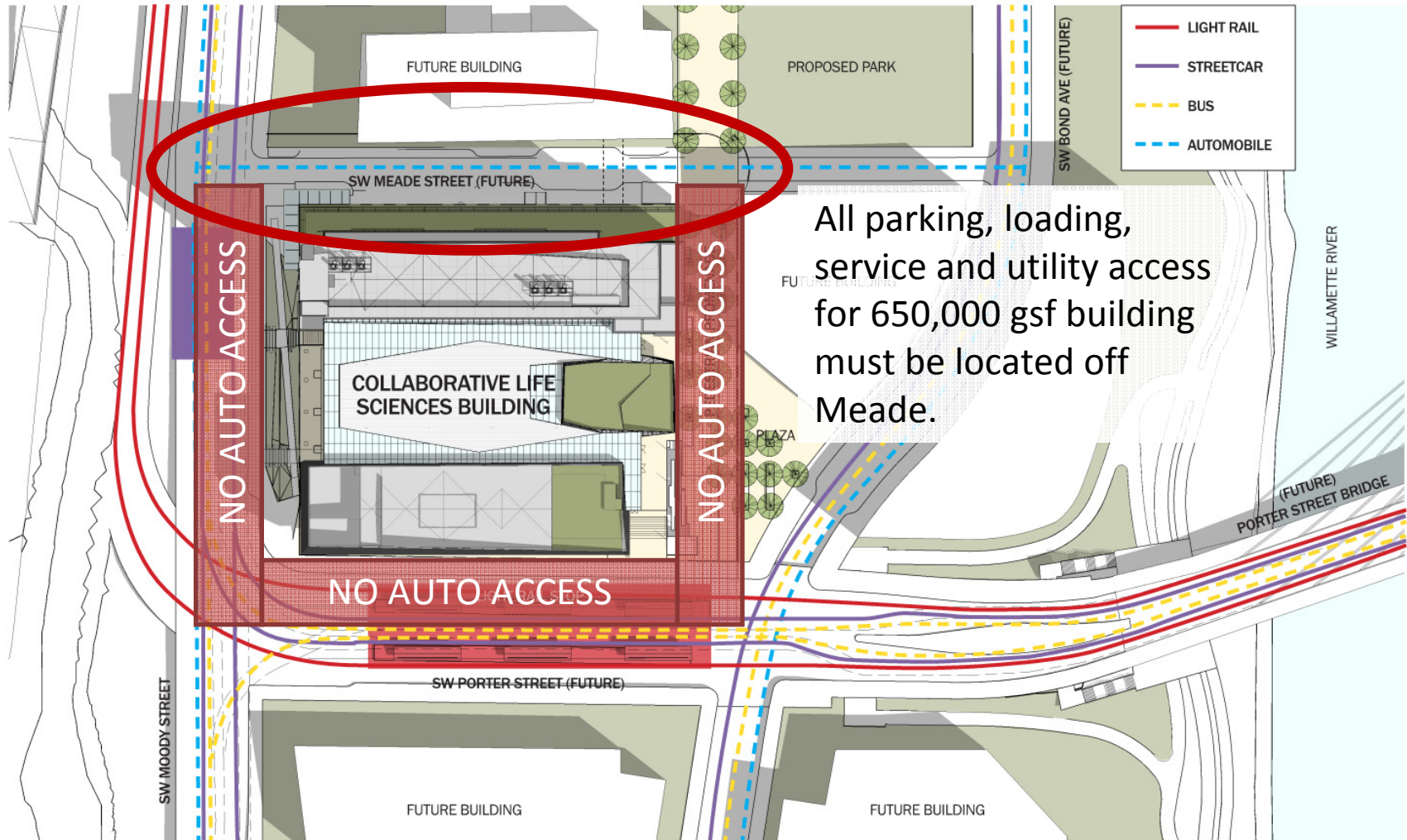




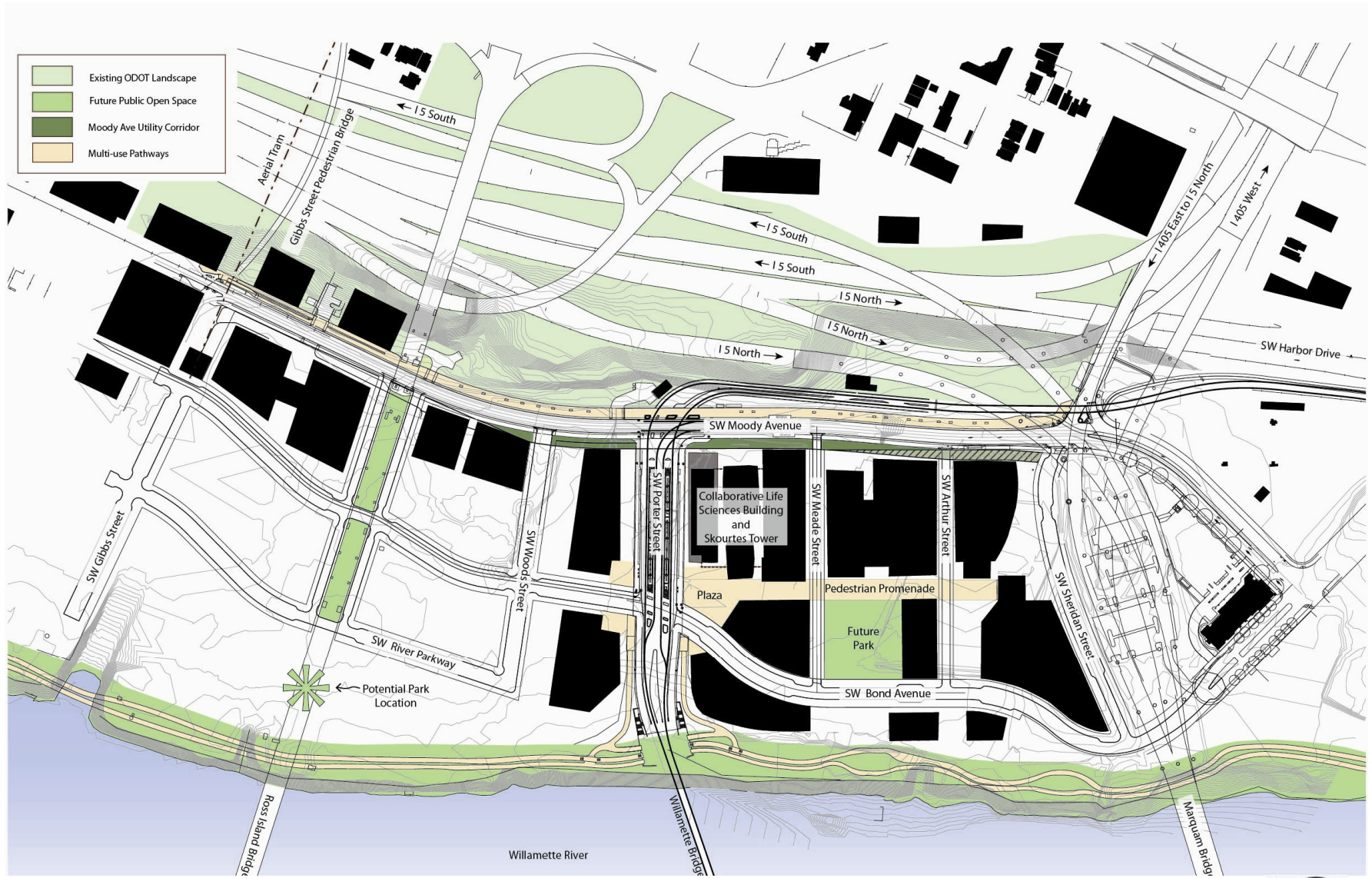




CHALLENGES: ACCESS FROM MEADE



CHALLENGES: MOODY STREET REMANANT





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