SUSTAINABILITY FEATURES

Central downtown location capitalizes on existing utility infrastructure and public transportation. Site selection and full utilization of this important downtown block completes the University's 1992 Master Plan. A vibrant transportation hub, street car, light rail and bus transportation are all directly adjacent to and fully integrated with pedestrian and vehicle modes.

Water usage is reduced by over 85% with water efficient strategies. Reclaimed water for water closets, dual flush fixtures, infrared sensor control faucets and low flow heads, and highly efficient irrigation contribute to the projected savings.

Stormwater management includes storage, treatment and reclamation. Rainwater from the roof is captured, stored and reused on site to flush water closets and serve as fire suppression water. Eco-roof planters on the fifth level terrace retain and treat storm water reducing overflow. Site storm water is also treated with a water quality filtration system.

Construction debris has been carefully handled. 95% of the demolition and construction waste has been diverted from land fill. All materials have been evaluated with sustainable criteria. Over 10% (post consumer + ½ pre-consumer) of the total value of material in the project has recycled content. Over 10% of the value of material used has been extracted, processed and manufactured regionally (within 500 miles of the site).

Daylighting (use of natural light on the interior) and connection between interior spaces and interior to exterior spaces was a design priority. Daylight controlled electric light fixtures turn off when daylight conditions are sufficient for the task or space use, provide better lighting and reducing the electricity demand and the building cooling load.

Indoor air quality improvements due to control of construction dust and debris and use of low-emitting adhesives, paint, carpets and formaldehyde free casework contribute to user comfort and increased worked productivity.

29% less energy used. Strategies include: Highly efficient mechanical and electrical equipment; effective daylighting; high performance exterior envelop with exterior sun screens, insulated dual pane glazing and highly insulated wall; flexible ventilation system; reuse of existing well water drawn from and re-injected to the aquifer to eliminate cooling plant; all incorporated to reduce energy consumption.

Anticipated LEED Certification:
LEED 2.2 Gold

SS: Sites	12/15
WE: Water	4/5
EA: Energy	8/17
MR: Materials	7/13
EQ: Indoors	7/13
ID: Innovation	5/5

PROJECT LOCATION

Project Facts
Building Area: 208,000 sq ft
Number of Floors: 6 + Basement
Total Construction Cost: $62,000,000
Ground Level Amenities: PSU Bike Hub, PSU Bookstore, Retail/Restaurants
Public Transportation: Bus, Max, Streetcar
Anticipated LEED Certification: Gold

Project Team
Portland State University
SKANSKA USA Building Inc.
Yost Grube Hall Architecture
KPFF Consulting Engineers
Alliant Systems
Cherry City Electric
Interface Engineering, Inc.
Lango Hansen Landscaping Architects
Green Building Services
Rowley International
Altermatt Associates, Inc.

Portland State University
UNIVERSITY

Academic & Student Recreation Center

SKANSKA

Yost Grube Hall
Architecture

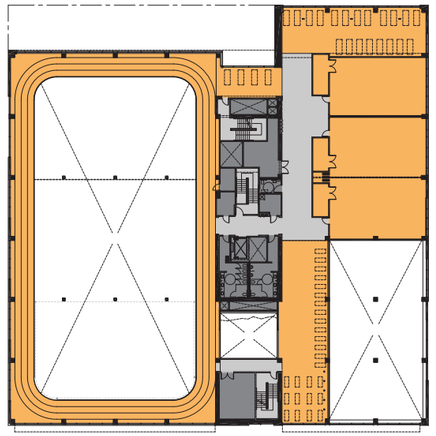
Lobby

Plaza Entry View

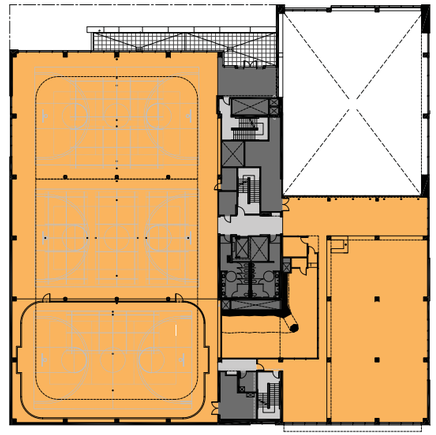
Third Floor Recreation Center Lobby

Natatorium

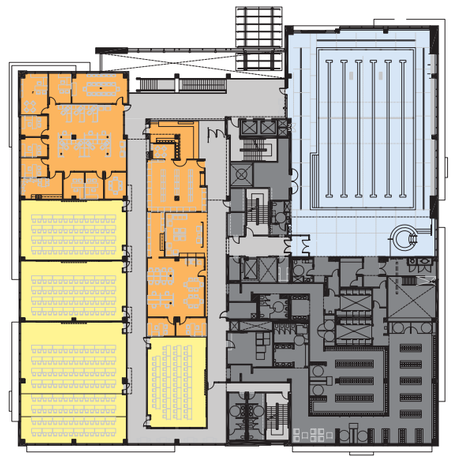
Gymnasium



4th Floor Plan



3rd Floor Plan

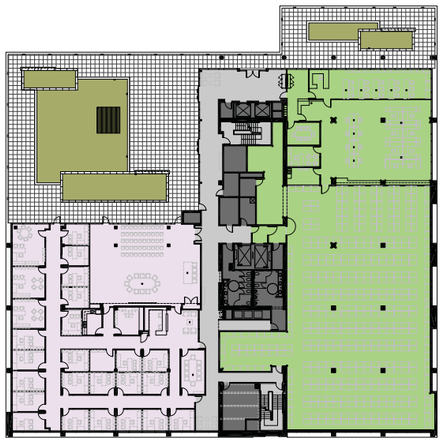


2nd Floor Plan

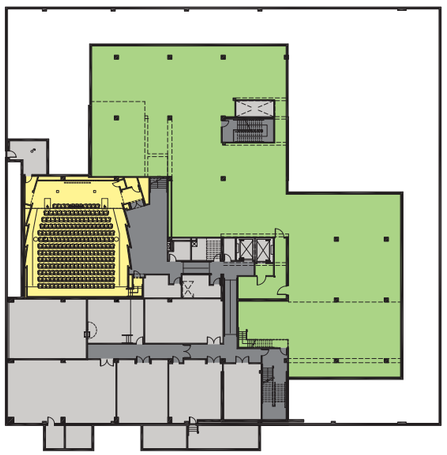
School of Social Work Classroom

Sixth Floor School of Social Work Lobby

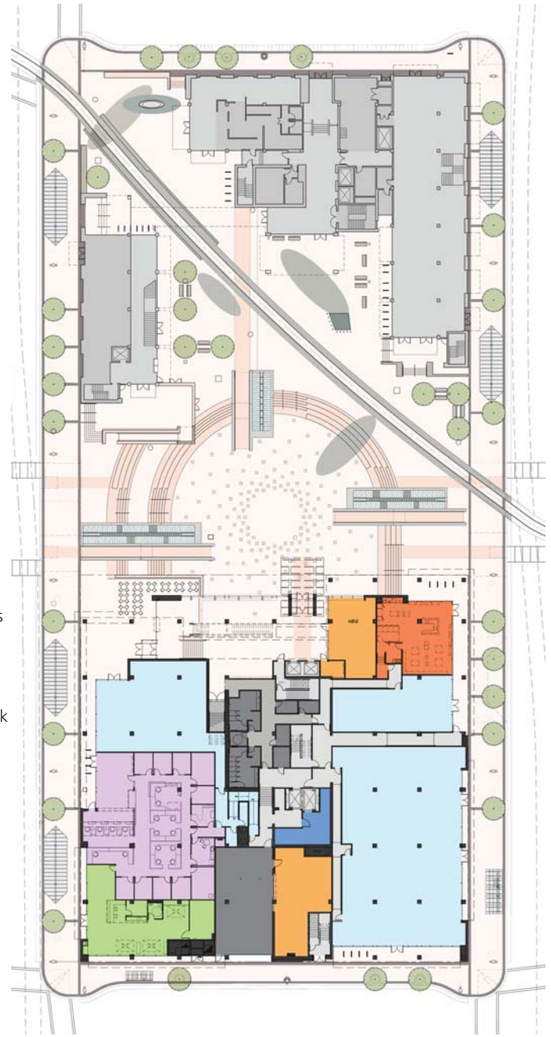
6th Floor Plan



5th Floor Plan



Basement Floor Plan



- PSU Bookstore
- Bike Hub
- Retail
- Recreation
- Natatorium
- Archives and Records
- Classrooms
- Chancellor's Office
- Eco Planting
- School of Social Work
- Service
- Circulation
- TAPS Office

Site Plan