



Lobby



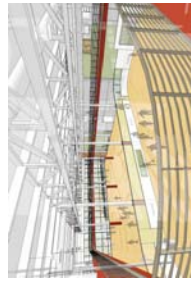
Plaza Entry View



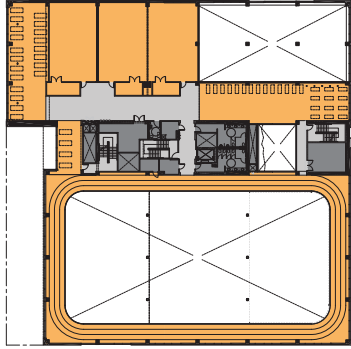
Third Floor Recreation Center Lobby



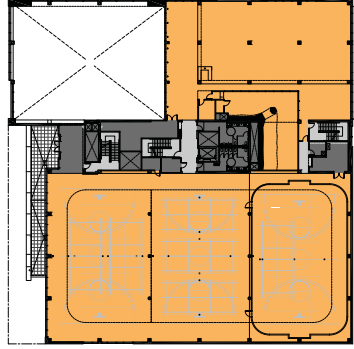
Natatorium



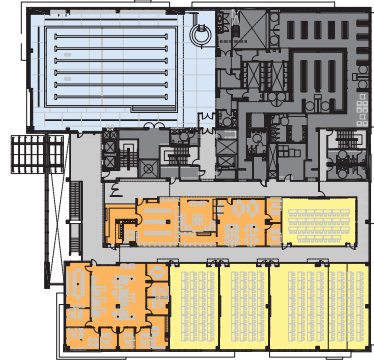
Gymnasium



4th Floor Plan



3rd Floor Plan



2nd Floor Plan



School of Social Work Classroom



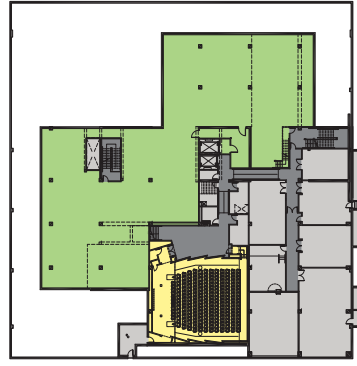
Sixth Floor School of Social Work Lobby



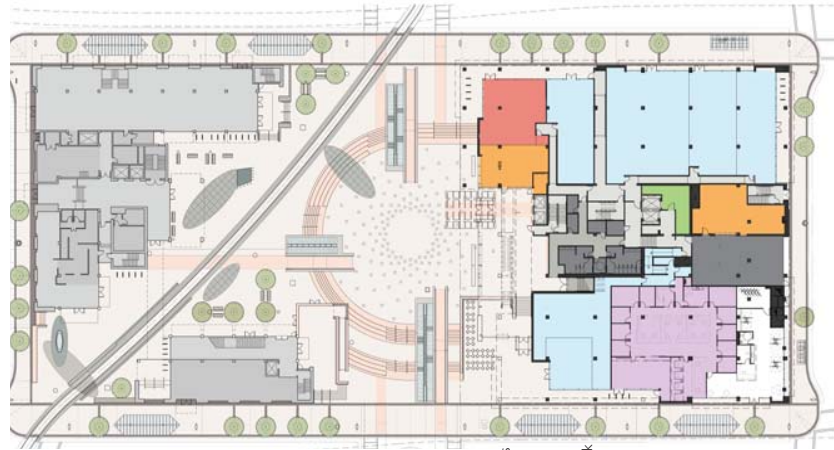
6th Floor Plan



5th Floor Plan



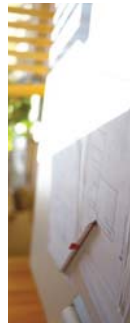
Basement Floor Plan



Site 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

## SUSTAINABILITY FEATURES



### 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 Number of Units: 1,000  
 Ground Level Amenities: PSU Bike Hub,  
 PSU Bookstore, Retail/Restaurants  
 Public Transportation: Bus, Max, Streetcar  
 Anticipated LEED Certification: Gold



## Portland State University

**Project Team**  
 University  
 SKANSKAUSA Building Inc.  
 Yost Grube Hall Architecture  
 KFF Consulting Engineers  
 Alliant Systems  
 Cherry City Electric  
 Hardscape Construction, Inc.  
 Largo Hansen Landscaping Architects  
 Green Building Services  
 Rowley International  
 Allermatt Associates, Inc.

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 + 1/2 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 worker 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.



## Academic & Student Recreation Center



## SKANSKA

Yost Grube Hall  
 Architectural