anderson hall renovation
university of washington
Mahlum

Founded in 1938

Offices in Seattle & Portland

Pacific Northwest regional focus

90 professional staff

Leaders in sustainability

Northwest Energy Efficiency Alliance (NEEA) Partner
project team

Mark Cork AIA LEED AP
Principal-in-Charge

Anne Schopf FAIA
Design Principal

Peter Brunner AIA
Project Manager

Jay Hindmarsh LEED AP
Job Captain

David Swenson AIA
Quality Assurance
Carl F. Gould
project approach
framework
legacy
legacy

Campus history
Building attributes
Another 100 years
campus buildings designed by Gould

1916  Home Economics Bldg (Raitt Hall)
1917  Commerce Hall (Savery Hall)
1920  Philosophy Hall (Savery Hall)
       Husky Stadium
       Harris Hydraulics Laboratory
1921  Roberts Hall
1922  Education Hall (Miller Hall)
1925  Anderson Hall
1926  Suzzallo Library
1927  Hutchinson Hall
1928  Edmundson Pavilion
       (supporting Naramore, Granger & Thomas)
1929  Henry Art Gallery
1936  Bagley Hall
1937  Wind Tunnel
1940  Penthouse Theater
building
unique approach

Exterior: preserve, respect
Interior: infrastructure, systems, detailing rigor
Appropriate solution
Project challenges

SEISMIC UPGRADES
building structure
masonry veneer

LIFE SAFETY
egress
fire separation

ACCESSIBILITY
exterior and interior
elevator

BUILDING SYSTEMS
mechanical, electrical, data, security
program
Program legacy

1894  General Forestry first taught
1901  Forestry becomes department
1907  School of Forestry established
1910  College of Forestry established
1925  Anderson Hall completed
1967  College of Forestry becomes College of Forest Resources
2009  College of the Environment established; Forest Resources is a founding unit
school facilities

**On Campus**
- Anderson Hall
- Winkenwerder Forest Laboratory
- Bloedel Hall
- Merrill Hall / UW Botanic Gardens

**Field Facilities**
- Union Bay Natural Area
- Washington Park Arboretum
- Olympic Natural Resources Center
- Charles Lathrop Pack Experimental Forest
- Center for Sustainable Forestry at Pack Forest
- Lee Memorial Forest
- Wind River Canopy Crane Research Facility
- Thompson Research Site
- Joe E. Monahan Findley Lake Reserve
challenges….

meet present needs:
  collaborative learning
  interdisciplinary teaching
  integration of field study

anticipate future needs

accommodate loss of program area

respect historic context of Anderson Hall
challenges & opportunities

work directly with students

leverage sustainable mission through student and faculty advocacy
environment
environment

“Through the integrative College of the Environment, we will foster an Academic Community that rallies around the multidisciplinary challenges of climate change.”

University of Washington Climate Action Plan
signature opportunity

Anderson Hall is the flagship project for successful implementation of the Climate Action Plan in a historic renovation.
climate action plan strategies

campus energy demand

:: high performance building standards
architectural 2030 challenge
living building challenge v2.0
commercial buildings initiative

:: integrated design
:: informed energy decisions
key opportunities

living building challenge
:: site
:: water
:: energy
:: health
:: materials
:: equity
:: beauty
toward net zero
climate action plan strategies

campus energy
:: discourage non-electric interconnections
:: measure and monitor performance
:: central energy technology shift
climate action plan strategies

outreach and engagement

:: awareness
:: positive attitude
:: positive action
integrated design process

start in predesign!
:: benchmarking
:: thermal modeling
:: structural modeling
:: performance based design
legacy
legacy

Ensure another 100 years of building life

Respect the grain of the building

Create synergistic solutions

Future test
legacy
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