

January 21, 2005

FOR IMMEDIATE RELEASE

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Lewis & Clark College Roberts Hall Awarded LEED Silver Certification

(Portland, Ore)--Roberts Residence Hall at Lewis & Clark College designed by SERA Architects has been awarded a LEED v2 Silver Certification by the U.S. Green Building Council. Roberts Hall is one of three apartment-style halls the college completed in 2003 to encourage juniors and seniors to live on campus and is the first building to be LEED Certified at Lewis & Clark.

Completed with extensive student involvement in the programming and design phases, the new residence halls are designed to create a close fit between the campuses forested site and the student community. Sustainable design strategies included careful attention to site planning, energy efficiency, material conservation and indoor air quality.

Key highlights in the LEED Silver Certification include reduced site disturbance and preservation of campus open space, optimized energy performance 24% greater than code, advanced commissioning and purchasing of 100% renewable power, high recycled and rapid renewable material content, and integrated use of natural ventilation and natural daylighting to increase occupant comfort.

Additional innovative design points were awarded for exemplary approaches to construction waste management, extensive use of local / regional materials, a comprehensive strategy for reducing site heat island effect, and for 100% use of low VOC paints.

Though most project points were earned under LEED v2.0, points were also submitted under v2.1.

Project Size: 26,900 square feet

Completion date: 2003

LEED Certification: LEED v2 Silver

Roberts Hall LEED Silver Certification Highlights:

Sustainable Sites 9 of 14 points

- **Site Selection** – Credit for utilizing a previously developed site
- **Alternative Transportation** – existing parking reduction (59 spaces eliminated) and provision of bike parking for 60% of building occupants and vanpool serving 25% of building occupants

- **Reduced Site Disturbance** - 55% of open space restored and all open space will be preserved for life of building
- **Stormwater Management** – no net increase in site imperviousness and Total Suspended Solids removal of 80% and Total Phosphorus removal of 40% have been achieved
- **Reduced Heat Island** – Over 30% of impervious paving area will be shaded by trees within 5 years

Water Efficiency 1 of 5 points

- **Landscape Irrigation** – Potable water use reduced by 67% through native vegetation and temporary irrigation

Energy and Atmosphere 5 of 17 points

- **Optimized Energy Performance** – Optimized energy performance 24% greater than code
- **Commissioning** – Fundamental and advanced energy commissioning performed
- **Green Power** – 100% of the building's electricity is provided from renewable sources through a Green Tag wind power purchasing program for the entire campus

Materials and Resources 7 of 13 points

- **Construction Waste Management** – 96.5% of construction debris diverted from landfill
- **Recycled Content** –90% recycled materials content as calculated under v2.0
- **Local / Regional Materials** – 74% of materials manufactured locally, 66% of materials harvested locally
- **Rapid Renewable Materials** – 7% of materials content as calculated under v2.0

Indoor Environmental Quality 7 of 15 points

- **Low-Emitting Materials** – Specified interior use of low VOC paints, adhesives, sealants and carpet
- **Controllability of Perimeter Spaces** – Operable windows and doors provide ventilation for all occupied exterior areas
- **Daylight and Views** – 82% of occupied areas are provided with natural daylight and 91% of occupied areas have exterior views

Innovation and Design Process 5 of 5 points

- **Exemplary Performance in Construction Waste Management** – 96.5% of construction debris diverted from landfill
- **Exemplary Performance in Local / Regional Materials** – 74% of materials manufactured locally, 66% of materials harvested locally
- **Exemplary Performance in Reduced Heat Island** - Over 30% of impervious paving area will be shaded by trees within 5 years, in addition all former parking spaces have been eliminated and porous paving has been incorporated into all access drive areas
- **Exemplary Performance in Low-Emitting Materials** – 100% of interior and exterior paints used on the project are low VOC.

Client Reference:

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Lewis & Clark College

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