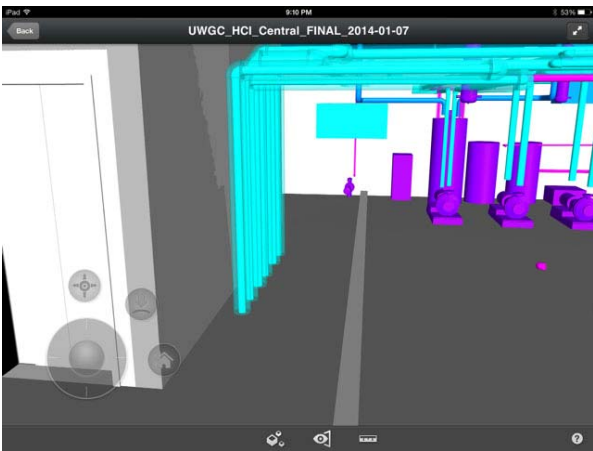


UW— Gateway through a LEED Facility



Construction on the Legacy Hall Jan. 15, 2014



Screen shot from the Building Information Model

The University of Wyoming (UW) Marian H. Rochelle Gateway Center is currently under construction and scheduled to open before the end of this year. The 67,000 sq. ft. facility will serve as the starting point for visitors to the campus where they can find information about any department that they wish to visit. The architecture purposely combines the traditional sandstone walls, which are a signature of the campus, with more contemporary materials such as large expanses of glass, metal panels, and fiber cement panels. The landscaping also uses the same selection of materials identified with prominent areas of campus.

The exterior sandstone is utilized as an interior materials as well along with the famous iconic Bucking Horse & Rider logo and the UW medallion. The UW colors of brown and gold are used in the interior materials in various shades so that there is no question that you are at UW.

The building serves three main purposes. It is a visitor center, it houses offices for the UW Foundation, the Alumni Association, the Center for Advising and Career Services, and Admissions, and it has an Event Center with a ballroom that will seat over 550 people for a banquet. There are museum type displays as well as high tech displays in the public areas. The building is equipped with systems that can adapt to changes in technology.

The building is on track to receive a LEED certification through the use of materials, construction methods, building systems, etc.



View from the corner of 22nd St. & Grand Ave. (image courtesy of UW Foundation. Illustration by William Chad, LLC)



LEED 2009 for New Construction and Major Renovations

Project Checklist

University of Wyoming Gateway Center

02.10.2014

17 9 Sustainable Sites Possible Points: 26

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
		1	Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
		1	Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
		3	Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
2			Credit 4.4	Alternative Transportation—Parking Capacity	2
		1	Credit 5.1	Site Development—Protect or Restore Habitat	1
		1	Credit 5.2	Site Development—Maximize Open Space	1
1			Credit 6.1	Stormwater Design—Quantity Control	1
		1	Credit 6.2	Stormwater Design—Quality Control	1
		1	Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
1			Credit 8	Light Pollution Reduction	1

4 6 Water Efficiency Possible Points: 10

Y	?	N			
Y			Prereq 1	Water Use Reduction—20% Reduction	
		4	Credit 1	Water Efficient Landscaping	2 to 4
		2	Credit 2	Innovative Wastewater Technologies	2
4			Credit 3	Water Use Reduction	2 to 4

11 2 22 Energy and Atmosphere Possible Points: 35

Y	?	N			
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
6		13	Credit 1	Optimize Energy Performance	1 to 19
		7	Credit 2	On-Site Renewable Energy	1 to 7
		2	Credit 3	Enhanced Commissioning	2
2			Credit 4	Enhanced Refrigerant Management	2
3			Credit 5	Measurement and Verification	3
		2	Credit 6	Green Power	2

6 1 5 Materials and Resources Possible Points: 14

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
		1	Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
		1	Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
2			Credit 2	Construction Waste Management	1 to 2
		2	Credit 3	Materials Reuse	1 to 2

Materials and Resources, Continued

Y	?	N			
2			Credit 4	Recycled Content	1 to 2
1	1		Credit 5	Regional Materials	1 to 2
		1	Credit 6	Rapidly Renewable Materials	1
1			Credit 7	Certified Wood	1

11 1 3 Indoor Environmental Quality Possible Points: 15

Y	?	N			
Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
1			Credit 2	Increased Ventilation	1
1			Credit 3.1	Construction IAQ Management Plan—During Construction	1
1			Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
1			Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
1			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
1			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
		1	Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
		1	Credit 5	Indoor Chemical and Pollutant Source Control	1
1			Credit 6.1	Controllability of Systems—Lighting	1
1			Credit 6.2	Controllability of Systems—Thermal Comfort	1
1			Credit 7.1	Thermal Comfort—Design	1
1			Credit 7.2	Thermal Comfort—Verification	1
		1	Credit 8.1	Daylight and Views—Daylight	1
		1	Credit 8.2	Daylight and Views—Views	1

4 2 Innovation and Design Process Possible Points: 6

Y	?	N			
1			Credit 1.1	Innovation in Design: Low Mercury in Lighting	1
		1	Credit 1.2	Innovation in Design: Light Pollution Reduction Pilot pc7	1
		1	Credit 1.3	Innovation in Design: Walkable Project Site pc14	1
1			Credit 1.4	Innovation in Design: Construction and Demo Waste Mgmt pc69	1
1			Credit 1.5	Innovation in Design: Design for Active Occupants pc78	1
1			Credit 2	LEED Accredited Professional	1

4 Regional Priority Credits Possible Points: 4

Y	?	N			
1			Credit 1.1	Regional Priority: Wec3 Water Use Reduction (40%)	1
1			Credit 1.2	Regional Priority: SSc2	1
1			Credit 1.3	Regional Priority: MRc2 75%	1
1			Credit 1.4	Regional Priority: IEQc7.1	1

57 6 45 Total Possible Points: 110

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110