LEED for New Construction and Major Renovation 2009
UNC Campus Commons
Date Updated: 01/08/2019
Goal: Gold

HPCP

GBCI Design Phase Preliminary Review approved/anticipated (Total points= 38)

Yes	SM	WM	No	N/A
62			44	4

Current Yes's = Gold Rating

Project Totals (pre-certification estimates)

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

d = Design Submittal
c = Construction Submittal

UNC Sustainability Concepts

Y						**Welcoming Feel of Campus Commons / Success with Social Component**	n/a	**UNC, Semple Brown/Handprint Architecture, Ambient Energy**
Y						**Happiness and Wellness**	n/a	**UNC, Semple Brown/Handprint Architecture, Ambient Energy**
Y						**Building as a Learning Tool**	n/a	**UNC**
	Y					**Solid Waste Management**	n/a	**UNC**
	Y					**Resiliency - Plan for Emergencies**	n/a	**Semple Brown/Handprint Architecture, ME Engineers**
			N			**Net Zero Water**	n/a	
			N			**Net Zero Energy**	n/a	

Sustainable Sites (SS) - 26 Points Available

15			11					
Y					HPCP	SSp1	**Construction Activity Pollution Prevention** (P)	c	**Martin Martin, Adolfson & Peterson**
1						SSc1	**Site Selection** (1)	d	**Martin Martin**
5						SSc2	**Development Density & Community Connectivity** (5)	d	**Ambient Energy**
			1			SSc3	**Brownfield Redevelopment** (1)	d	
			6			SSc4.1	**Alternative Transportation**, Public Transportation Access (6)	d	**Ambient Energy**
1						SSc4.2	**Alternative Transportation**, Bicycle Storage & Changing Rooms (1)	d	**Ambient Energy, Semple Brown/Handprint Architecture, ME Engineers, BHA Design**
3						SSc4.3	**Alternative Transportation**, Low-Emitting and Fuel-Efficient Vehicles (3)	d	**Semple Brown / Handprint Architecture**
2						SSc4.4	**Alternative Transportation**, Parking Capacity (2)	d	**Semple Brown / Handprint Architecture**
			1			SSc5.1	**Site Development,** Protect or Restore Habitat (1)	c	
1						SSc5.2	**Site Development,** Maximize Open Space (1)	d	**BHA Design**
			1			SSc6.1	**Stormwater Design,** Quantity Control (1)	d	
			1			SSc6.2	**Stormwater Design,** Quality Control (1)	d	
1						SSc7.1	**Heat Island Effect,** Non-Roof (1)	c	**BHA Design**
			1			SSc7.2	**Heat Island Effect,** Roof (1)	d	
1						SSc8	**Light Pollution Reduction** (1)	d	**ME Engineers**

Water Efficiency (WE) - 10 Points Available

5			5					
Y					HPCP	WEp1	**20% Water Use Reduction** (P)	d	**ME Engineers**
2			2		HPCP	WEc1	**Water Efficient Landscaping** (2-4)	d	**BHA Design**
			2			WEc2	**Innovative Wastewater Technologies** (2)	d	
3			1		HPCP	WEc3	**Water Use Reduction** (2-4)	d	**ME Engineers**

Energy & Atmosphere (EA) -35 Points Available

17			18					
Y					HPCP	EAp1	**Fundamental Commissioning of the Building Energy Systems** (P)	c	**Iconergy**
Y					HPCP	EAp2	**Minimum Energy Performance** (P)	d	**Ambient Energy**
Y					HPCP	EAp3	**Fundamental Refrigerant Management** (P)	d	**ME Engineers**
9			10		HPCP	EAc1	**Optimize Energy Performance** (1-19)	resubmit	**Ambient Energy**
1			6			EAc2	**On-Site Renewable Energy** (1-7)	d-defer	**Ambient Energy**
2					HPCP	EAc3	**Enhanced Commissioning** (2)	c	**Iconergy**
2						EAc4	**Enhanced Refrigerant Management** (2)	d	**ME Engineers**
1			2		HPCP	EAc5	**Measurement & Verification** (3)	c	**Ambient Energy OR Iconergy**
2						EAc6	**Green Power** (2)	c	**Ambient Energy, UNC**

Materials & Resources (MR) - 14 Points Available

6			4	4				
Y					HPCP	MRp1	**Storage & Collection of Recyclables** (P)	d	**Ambient Energy, UNC**
				3		MRc1.1	**Building Reuse**, Maintain Existing Walls, Floors & Roof (1-3)	c	
				1		MRc1.2	**Building Reuse**, Maintain Interior Non-Structural Elements (1)	c	
2					HPCP	MRc2	**Construction Waste Management** (1-2)	c	**Semple Brown / Handprint Architecture, Adolfson & Peterson**
			2			MRc3	**Materials Reuse** (1-2)	c	
2						MRc4	**Recycled Content** (1-2)	c	**Semple Brown / Handprint Architecture, Adolfson & Peterson**
1			1		HPCP	MRc5	**Regional Materials** (1-2)	c	**Semple Brown / Handprint Architecture, Adolfson & Peterson**
			1			MRc6	**Rapidly Renewable Materials,** 2.5% (1)	c	
1						MRc7	**Certified Wood,** 50% (1)	c	**Semple Brown / Handprint Architecture, Adolfson & Peterson**

Indoor Environmental Quality (IEQ) -15 Points Available

12			3					
Y					HPCP	IEQp1	**Minimum IAQ Performance** (P)	d	**ME Engineers**
Y					HPCP	IEQp2	**Environmental Tobacco Smoke** (ETS) **Control** (P)	d	**Ambient Energy, UNC, Semple Brown / Handprint Architecture, BHA Design**
1						IEQc1	**Outdoor Air Delivery Monitoring** (1)	d	**ME Engineers**
			1			IEQc2	**Increased Ventilation** (1)	d	
1						IEQc3.1	**Construction IAQ Management Plan**, During Construction (1)	c	**Adolfson & Peterson**
1						IEQc3.2	**Construction IAQ Management Plan**, Before Occupancy (1)	c	**ME Engineers, Adolfson & Peterson**
1					HPCP	IEQc4.1	**Low-Emitting Materials**, Adhesives & Sealants (1)	c	**Semple Brown / Handprint Architecture, Adolfson & Peterson**
1					HPCP	IEQc4.2	**Low-Emitting Materials**, Paints & Coatings (1)	c	**Semple Brown / Handprint Architecture, Adolfson & Peterson**
1					HPCP	IEQc4.3	**Low-Emitting Materials**, Flooring Systems (1)	c	**Semple Brown / Handprint Architecture, Adolfson & Peterson**
1					HPCP	IEQc4.4	**Low-Emitting Materials**, Composite Wood & Agrifiber Products (1)	c	**Semple Brown / Handprint Architecture, Adolfson & Peterson**
1						IEQc5	**Indoor Chemical & Pollutant Source Control** (1)	d	**Semple Brown / Handprint Architecture, ME Engineers, UNC**
1						IEQc6.1	**Controllability of Systems**, Lighting (1)	d	**ME Engineers, UNC**
			1			IEQc6.2	**Controllability of Systems**, Thermal Comfort (1)	d	
1						IEQc7.1	**Thermal Comfort**, Design (1)	d	**ME Engineers**
1						IEQc7.2	**Thermal Comfort**, Verification (1)	d	**UNC and Ambient Energy**
			1		HPCP	IEQc8.1	**Daylight & Views**, Daylight 75% of Spaces (1)	d	
1						IEQc8.2	**Daylight & Views**, Views for 90% of Spaces (1)	d	**Ambient Energy OR Semple Brown / Handprint Architecture**

6						**Innovation & Design Process (ID)** - 6 Points Available		**Champion**
1					IDc1.1	**Innovation in Design**: Solid Waste Management Policy (1)	d	**UNC, Ambient Energy**
1					IDc1.2	**Innovation in Design**: Green Cleaning Policy (1)	d	**UNC, Ambient Energy**
1					IDc1.3	**Innovation in Design:** Green Building Education (1)	c	**UNC, Semple Brown / Handprint Architecture**
1					IDc1.4	**Innovation in Design**: Exemplary Performance SSc5.2 Maximize Open Space (1)	c	**UNC, Ambient Energy**
1					IDc1.5	**Innovation in Design**: Exemplary Performance EAc6 Green Power (1)	c	**UNC, Ambient Energy**
1					IDc2	**LEED® Accredited Professional** (1)	c	**Ambient Energy**
1			3			**Regional Priority (RP)** - 4 Points Available		**Champion**
			1		RPc1.1	**Regional Priority for Zip Code 80639**: WEc3 Water use reduction >40% (1)	d	
			1		RPc1.2	**Regional Priority for Zip Code 80639**: EAc2 On-Site renewable energy >13% (1)	d	
1					RPc1.3	**Regional Priority for Zip Code 80639**: SSc2 Development density and community connectivity (1)	d	**See notes above**
			1		RPc1.4	**Regional Priority for Zip Code 80639**: SSc6.1 Stormwater design - quantity control (1)	d	
			1		Alt.	**Regional Priority for Zip Code 80639**: WEc1 Water efficient landscaping, No potable/irrigation (1)	d	
			1		Alt.	**Regional Priority for Zip Code 80639**: EAc1 Optimize energy performance >48% (1)	d	