



## LEED 2009 for New Construction and Major Renovation Project Scorecard

Project Name: Replace Thrun Hall Barracks  
Project Address: Elizabeth City, North Carolina 27909

Yes	?	No			
12	14		<b>SUSTAINABLE SITES</b>		<b>26 Points</b>

Y					
		Prereq 1	Construction Activity Pollution Prevention		Required
	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 - Nonroof		1
	1	Credit 7.2	Heat Island Effect - Roof		1
	1	Credit 8	Light Pollution Reduction		1

Yes	?	No			
8	2		<b>WATER EFFICIENCY</b>		<b>10 Points</b>

Y					
		Prereq 1	Water Use Reduction		Required
	4	Credit 1	Water Efficient Landscaping		2 to 4
			Reduce by 50%		2
			No Potable Water Use or Irrigation		4
	2	Credit 2	Innovative Wastewater Technologies		2
	4	Credit 3	Water Use Reduction		2 to 4
			Reduce by 30%		2
			Reduce by 35%		3
			Reduce by 40%		4

8	4	20			
			<b>ENERGY &amp; ATMOSPHERE</b>		<b>35 Points</b>

Y					
		Prereq 1	Fundamental Commissioning of Building Energy Systems		Required
		Prereq 2	Minimum Energy Performance		Required
		Prereq 3	Fundamental Refrigerant Management		Required
	6	Credit 1	Optimize Energy Performance		1 to 19
			Improve by 12% for New Buildings or 8% for Existing Building Renovations		1
			Improve by 14% for New Buildings or 10% for Existing Building Renovations		2
			Improve by 16% for New Buildings or 12% for Existing Building Renovations		3
			Improve by 18% for New Buildings or 14% for Existing Building Renovations		4
			Improve by 20% for New Buildings or 16% for Existing Building Renovations		5
			Improve by 22% for New Buildings or 18% for Existing Building Renovations		6
			Improve by 24% for New Buildings or 20% for Existing Building Renovations		7
			Improve by 26% for New Buildings or 22% for Existing Building Renovations		8
			Improve by 28% for New Buildings or 24% for Existing Building Renovations		9
			Improve by 30% for New Buildings or 26% for Existing Building Renovations		10
			Improve by 32% for New Buildings or 28% for Existing Building Renovations		11
			Improve by 34% for New Buildings or 30% for Existing Building Renovations		12
			Improve by 36% for New Buildings or 32% for Existing Building Renovations		13
			Improve by 38% for New Buildings or 34% for Existing Building Renovations		14
			Improve by 40% for New Buildings or 36% for Existing Building Renovations		15
			Improve by 42% for New Buildings or 38% for Existing Building Renovations		16
			Improve by 44% for New Buildings or 40% for Existing Building Renovations		17
			Improve by 46% for New Buildings or 42% for Existing Building Renovations		18
			Improve by 48%+ for New Buildings or 44%+ for Existing Building Renovations		19
	2	Credit 2	On-Site Renewable Energy		1 to 7
			1% Renewable Energy		1
			3% Renewable Energy		2
			5% Renewable Energy		3
			7% Renewable Energy		4
			9% Renewable Energy		5
			11% Renewable Energy		6
			13% Renewable Energy		7
		Credit 3	Enhanced Commissioning		2
	2	Credit 4	Enhanced Refrigerant Management		2
		Credit 5	Measurement and Verification		3
	2	Credit 6	Green Power		2



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### 7 1 6 MATERIALS & RESOURCES 14 Points

Prereq	Credit	Description	Required
Y	Prereq 1	Storage and Collection of Recyclables	Required
	Credit 1.1	Building Reuse - Maintain Existing Walls, Floors and Roof	1 to 3
		Reuse 55%	1
		Reuse 75%	2
		Reuse 95%	3
	Credit 1.2	Building Reuse - Maintain Interior Nonstructural Elements	1
	Credit 2	Construction Waste Management	1 to 2
		50% Recycled or Salvaged	1
		75% Recycled or Salvaged	2
	Credit 3	Materials Reuse	1 to 2
		Reuse 5%	1
		Reuse 10%	2
	Credit 4	Recycled Content	1 to 2
		10% of Content	1
		20% of Content	2
	Credit 5	Regional Materials	1 to 2
		10% of Materials	1
		20% of Materials	2
	Credit 6	Rapidly Renewable Materials	1
	Credit 7	Certified Wood	1

### 12 3 INDOOR ENVIRONMENTAL QUALITY 15 Points

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

### 2 1 4 INNOVATION IN DESIGN 6 Points

Credit	Description	Points
Credit 1	Innovation in Design	1 to 5
	Recycled Content, Regional Materials, or Water Savings	1
	Greenguard Certified Furniture	1
	Innovation or Exemplary Performance	1
	Innovation	1
	Innovation	1
Credit 2	LEED Accredited Professional	1

### 4 REGIONAL PRIORITY 4 Points

Credit	Description	Points
Credit 1	Regional Priority	1 to 4
	SS Credit 6.1 Stormwater Design Quantity Control	1
	WE Credit 3 Water Use Reduction (40%)	1
	IEQ Credit 7.1 Thermal Comfort Design	1
	MR Credit 2 Construction Waste Management (50%)	1

### 53 25 30 PROJECT TOTALS (Certification Estimates) 110 Points

Certified: 40-49 points Silver: 50-59 points Gold: 60-79 points Platinum: 80+ points