

# NC State Building Commission Merit Award



*Excellence in Project Implementation*  
*Less than \$5 Million*

In recognition of Superior Professional Services

LS3P Associates LTD  
Harrod & Associates Constructors, Inc.

*NC Department of Environment & Natural Resources*  
*Division of Parks & Recreation*

*Visitor Center & Picnic Area, Raven Rock State Park*





# Raven Rock State Park

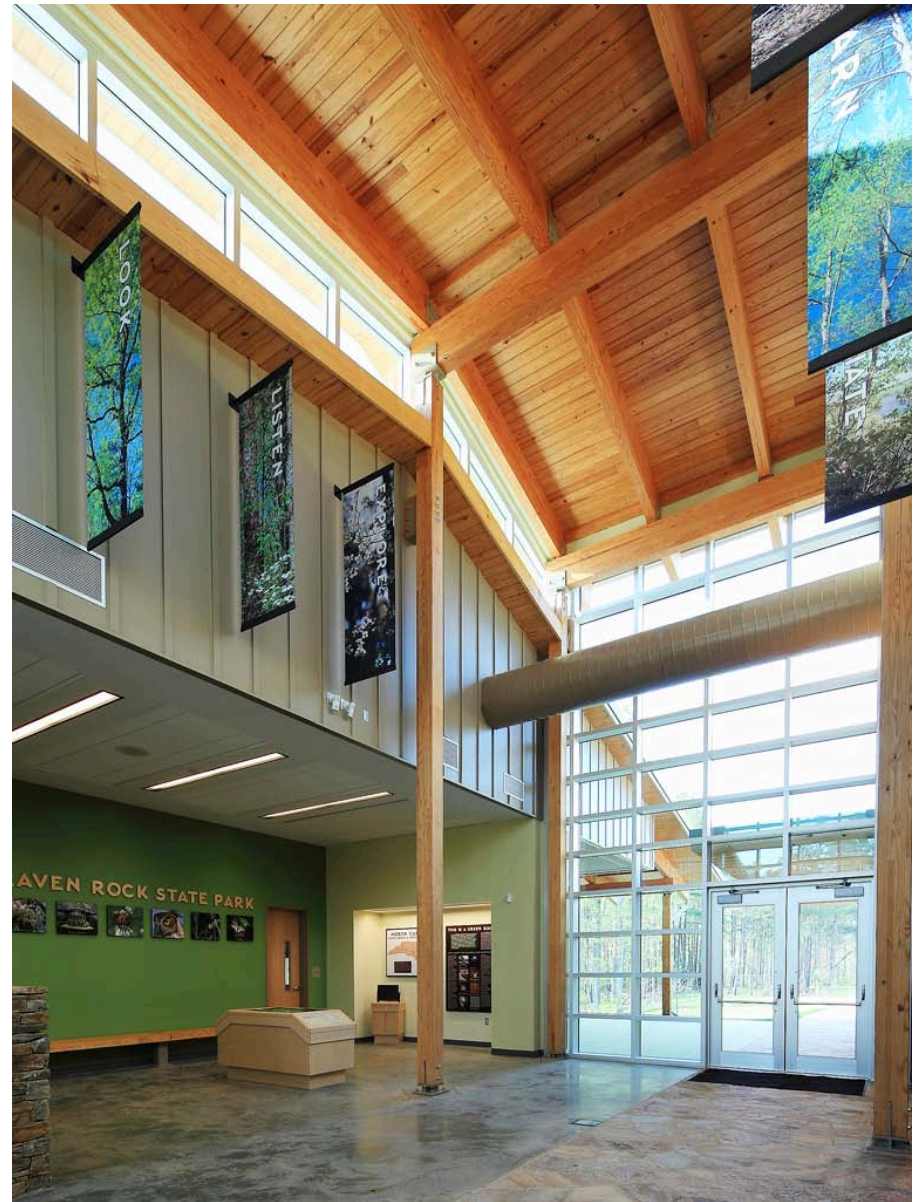
## *Visitor Center*





## Raven Rock State Park

- *On Cape Fear River in Harnett County*
- *156,433 visitors in 2010*
- *4,694 acres*



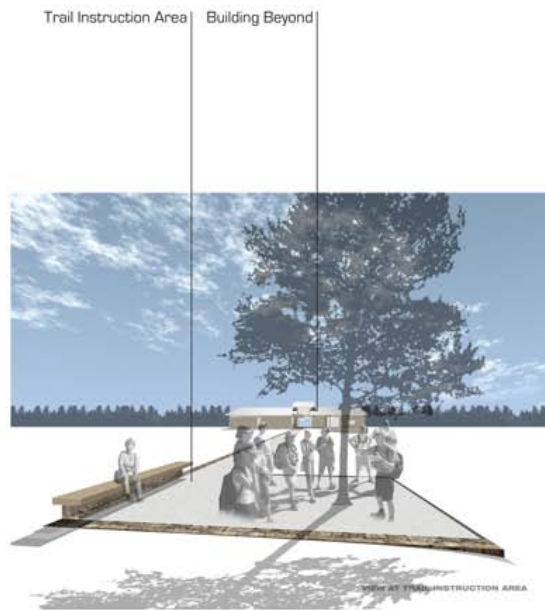




## LEED Gold Certification

- *Geothermal heating system*
- *Solar collectors for hot water*
- *Low-flow water fixtures*
- *Broad use of natural lighting*

22% less energy use  
55% less water use  
100% reduced irrigation  
86% construction waste  
diverted from landfill



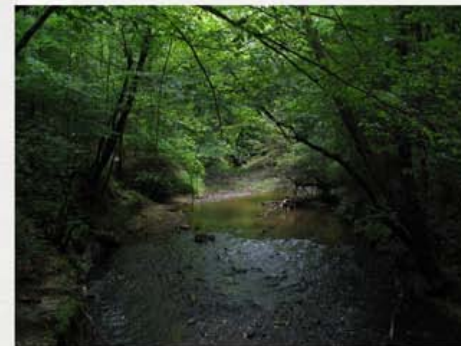
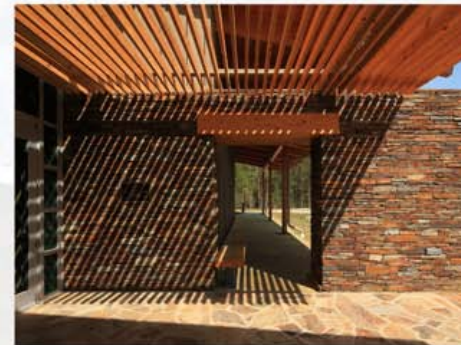
View of North Elevation From Hiking Trail



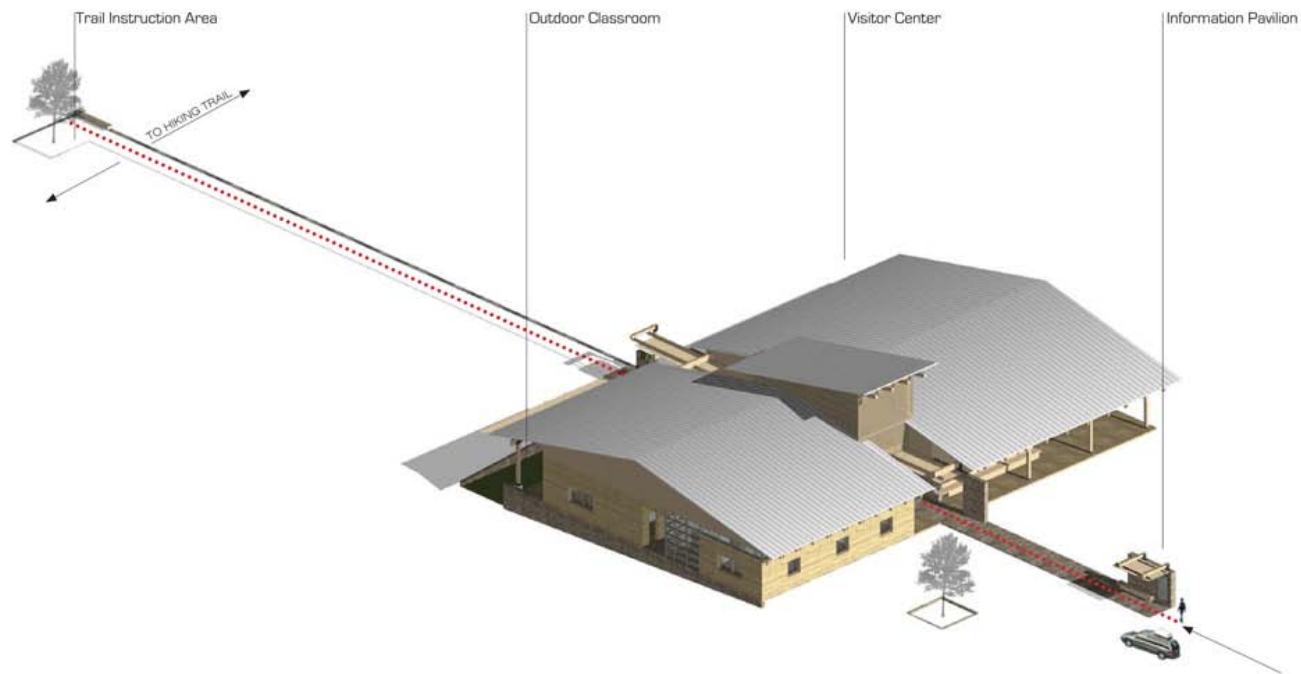




A Trail Through The Woods . . .



Raven Rock State Park Visitor Center  
Lillington, North Carolina

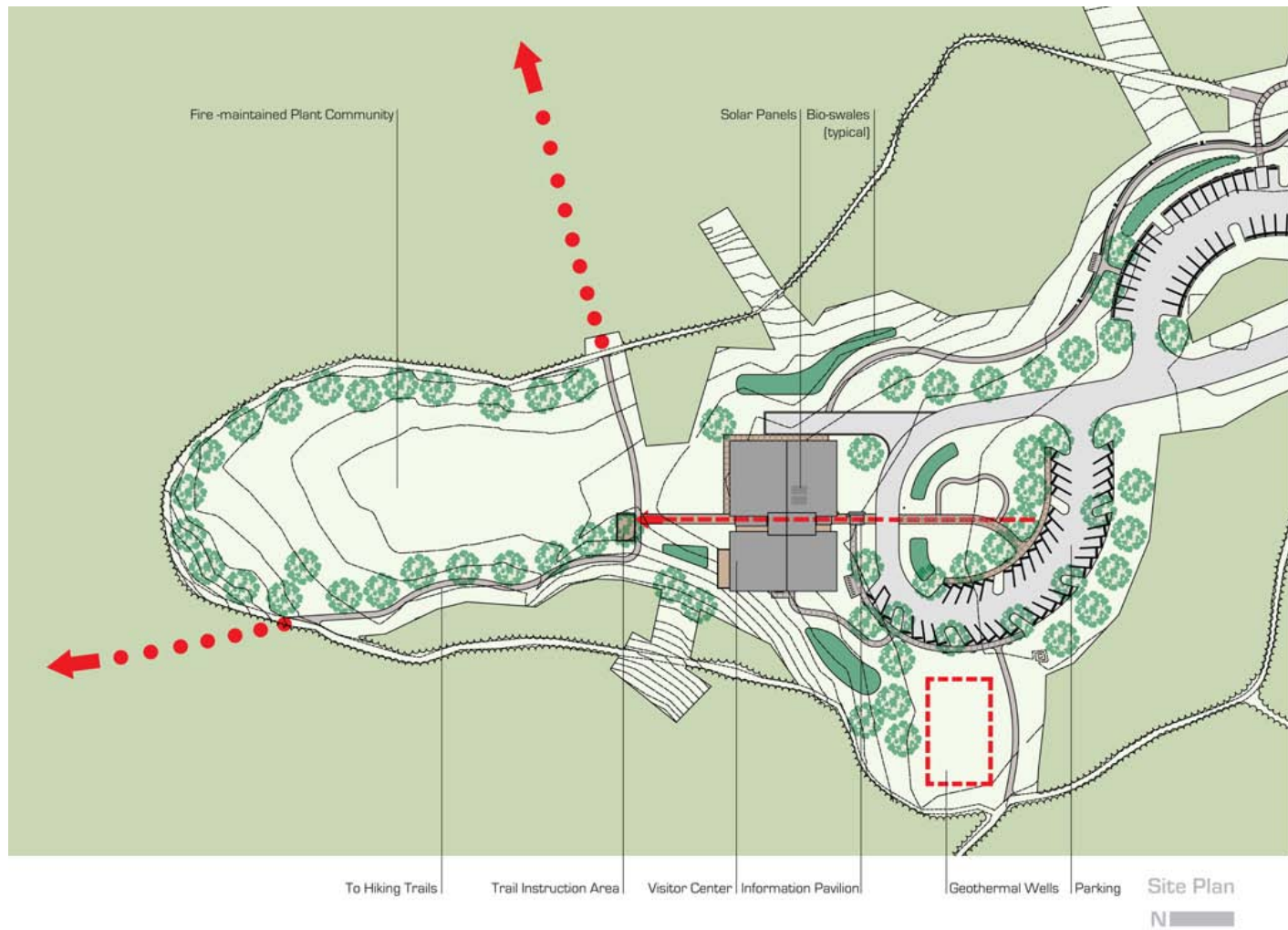


### RAVEN ROCK STATE PARK VISITOR CENTER



CONCEPT DIAGRAM



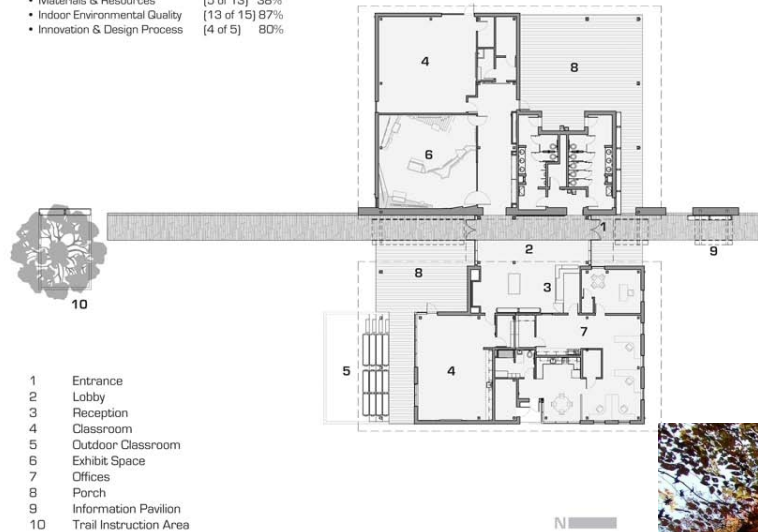


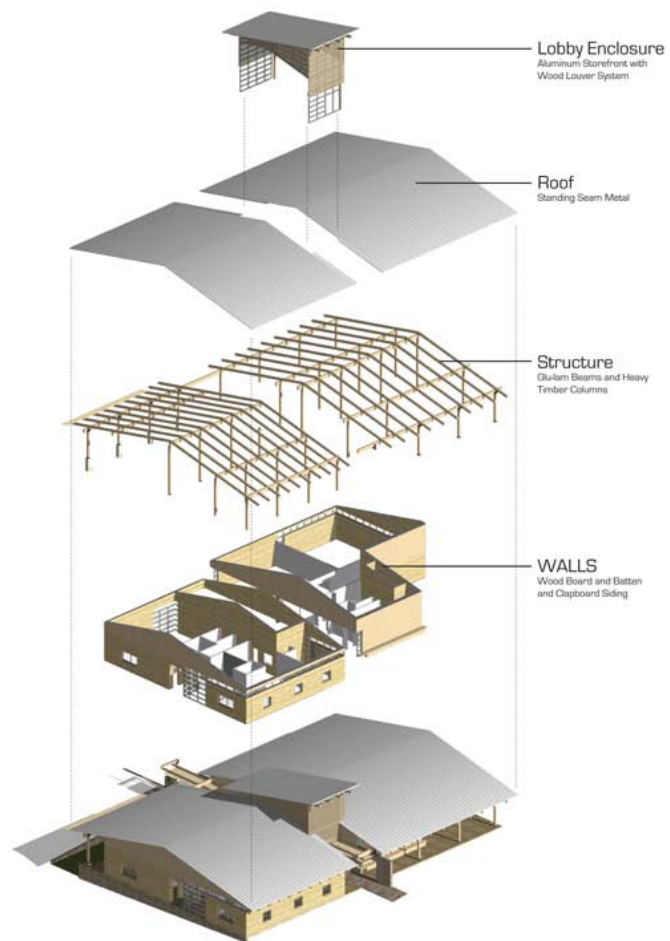


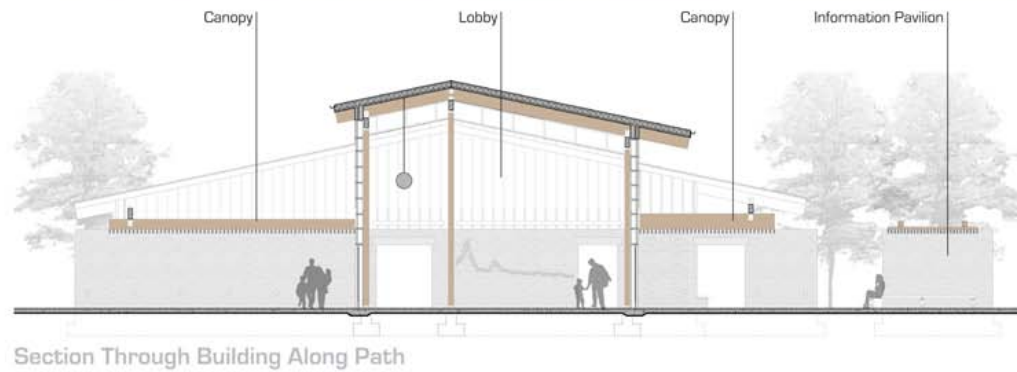


LEED Scorecard - version 2.2  
Anticipated points - 43 (Gold)

• Sustainable Sites	[9 of 14]	64%
• Water Efficiency	[4 of 5]	80%
• Energy & Atmosphere	[8 of 17]	47%
• Materials & Resources	[5 of 13]	38%
• Indoor Environmental Quality	[13 of 15]	87%
• Innovation & Design Process	[4 of 5]	80%









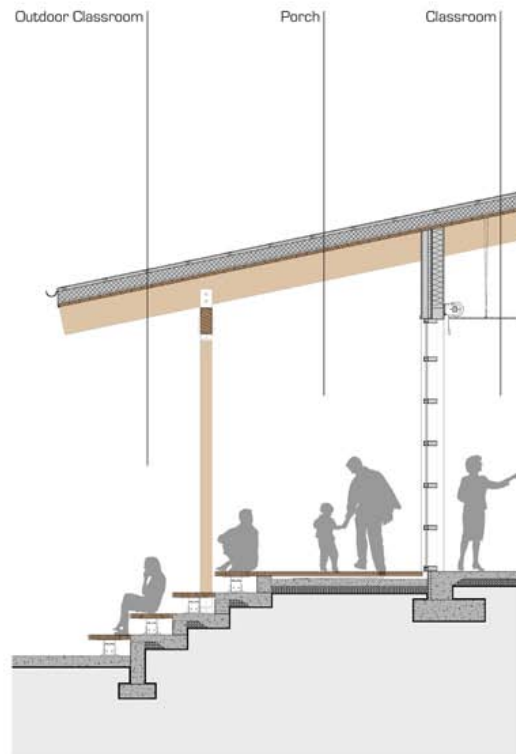


View From Southwest





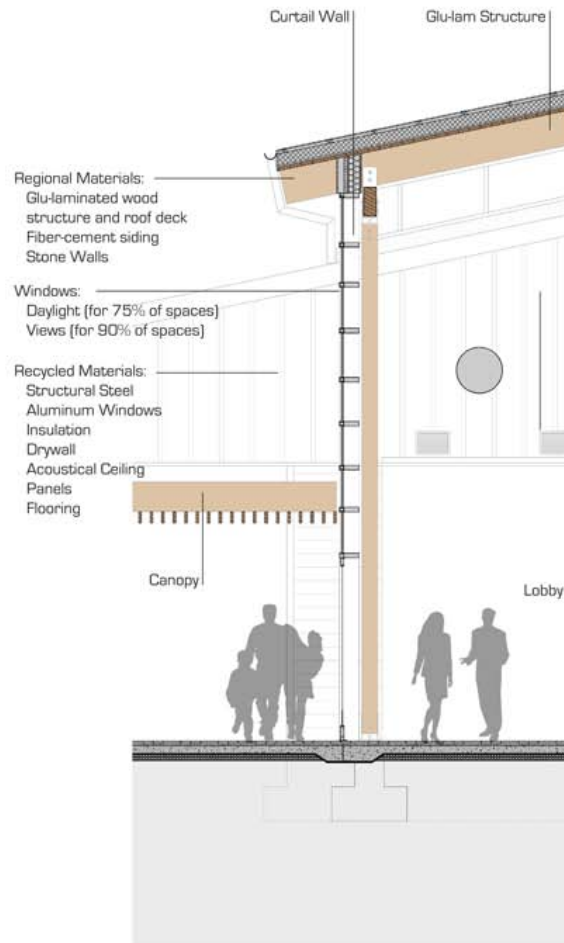
View of Outdoor Classroom From Northwest



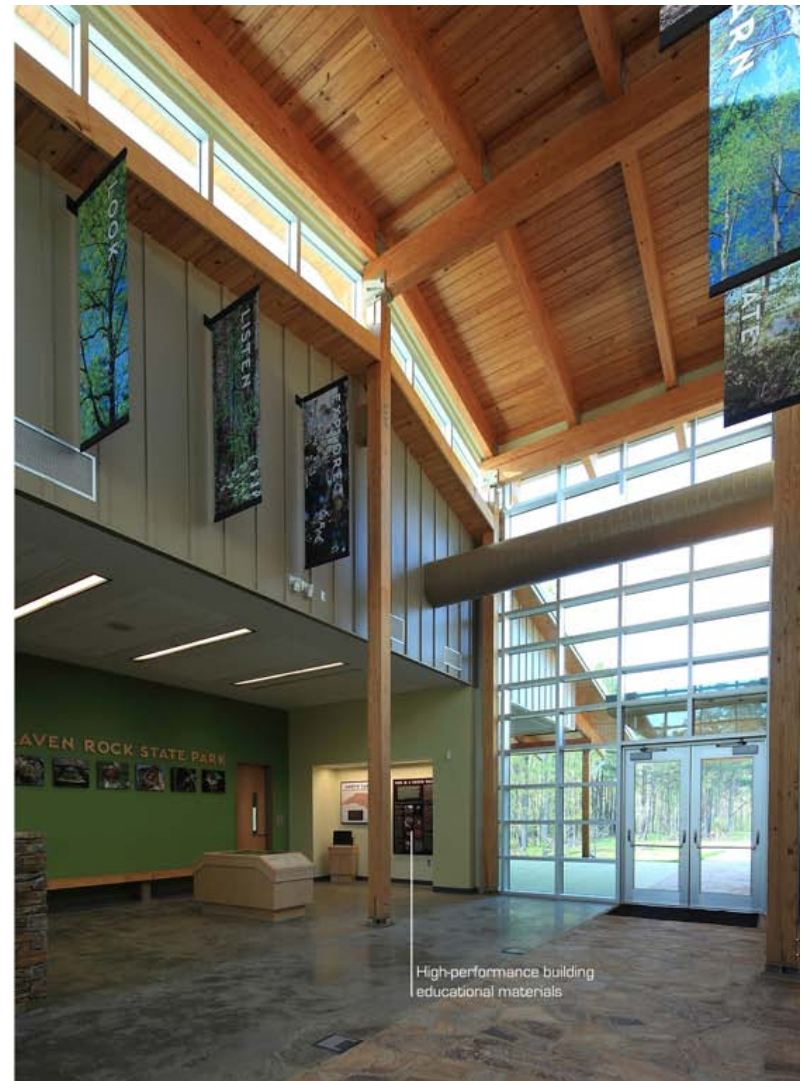
Section at Outdoor Classroom

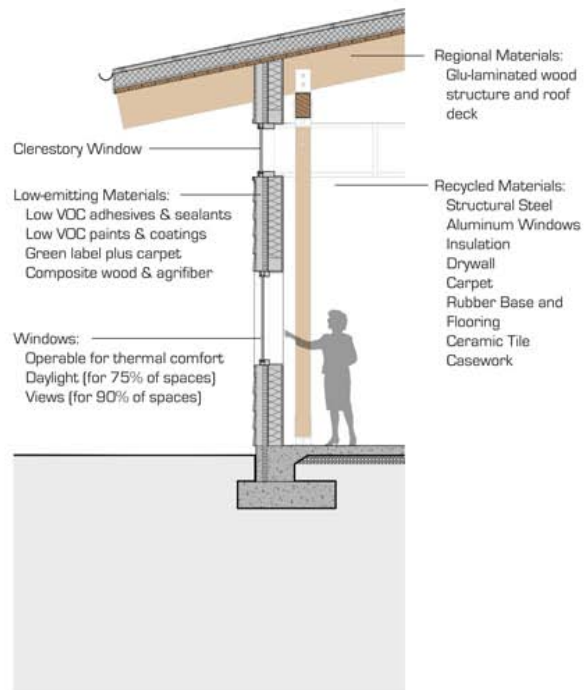






Section at Entrance Lobby





Section at Classroom





Teaching auditorium, classroom and exhibit hall that explore the natural and cultural history of the Cape Fear region



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Greater than \$5 Million*

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Hobbs Architects, PA  
Daniels & Daniels Construction Company, Inc.

*NC Department of Environment & Natural Resources  
Division of Parks & Recreation*

*Visitor Center, Fort Macon State Park*





# Fort Macon State Park

*Coastal Education and Visitor Center*







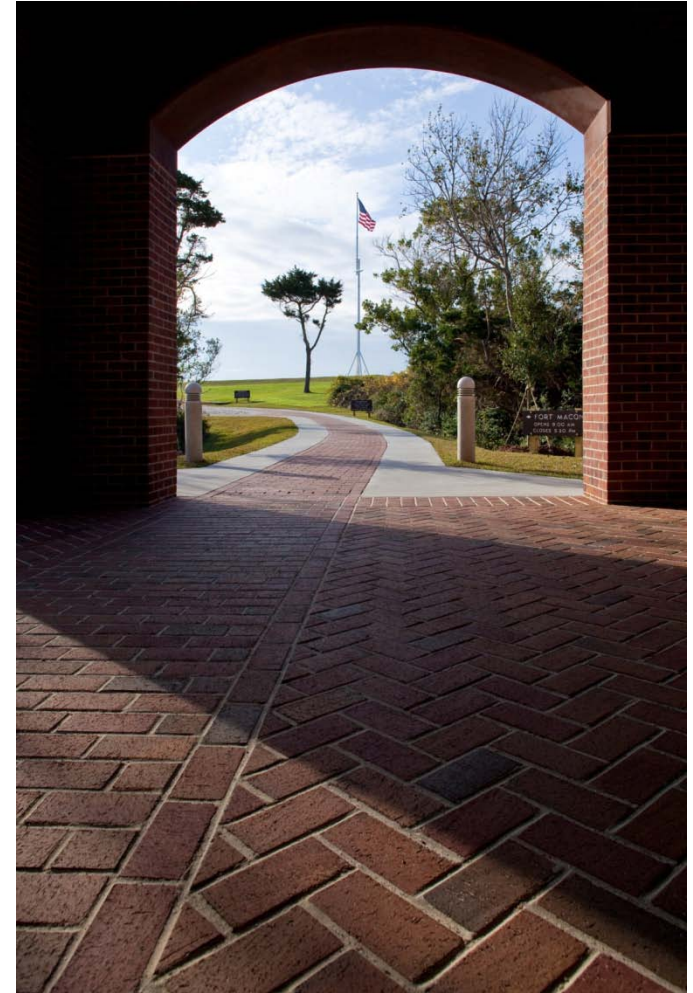


- *Second-oldest state park in North Carolina*
- *1.34 million visitors in 2010*





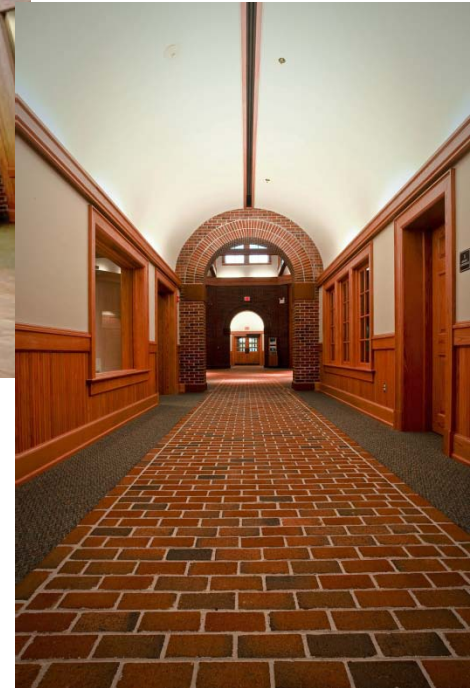
- *First non-university, state-owned facility with LEED certification*
- *22,546 square feet*
- *Designer - Hobbs Architecture, Pittsboro*
- *Contractor - Daniels & Daniels Construction Co., Goldsboro*







- *Low-flow water system*
- *Rain water collection*
- *Recycled construction materials*
- *Preferred parking: alt.-fuel vehicles*

















*Exhibits focus on the fragile coastal ecology and the area's natural and cultural history*











