

fact sheet



NCMA EXPANSION, RENOVATION, and LANDSCAPE

Project Dates:	2007–2010
Construction Start:	January 2007
Design Architect:	Thomas Phifer and Partners
Architect of Record:	Pierce Brinkley Cease + Lee
Landscape Architects:	Peter Walker Partners with Lappas + Havener
West Building Size:	127,000 sq ft (new construction)
East Building Size:	165,000 sq ft (renovation; no increase in sq ft)
Combined Buildings:	54% increase in the Permanent Collection galleries 45% increase in temporary exhibition galleries 90% increase in art storage capacity New classrooms and education spaces Expanded art reference library and administrative offices
Site Work:	Three acres of newly landscaped area, including sculpture gardens and pond renovation
Public Funding:	New West Building: \$67 million East Building Renovation: \$6 million

New West Building Use: Works of art from every area of the Permanent Collection will be re-installed in 65,000 sq ft of new gallery space. The building will include a new museum store and café, and it will be linked to the existing East Building by a service tunnel.

Renovated East Building Use: Expanded temporary exhibition galleries, education spaces, art storage, library, and administrative areas. Collection management will remain in the East Building.

New West Building

- Situated between Blue Ridge Road and the existing East Building in the 164-acre Museum Park
- 127,000 total sq ft of new construction
- 65,000 sq ft of day-lit galleries, increasing Permanent Collection space by 54%
- Designed on a 26-foot structural grid
- One story building for Permanent Collection galleries and public spaces
- Level below grade for operations and mechanical equipment

Interior

- 11,500 sq ft central sculpture hall and linear pool organizes circulation to galleries around five courtyards
- 360 custom ceiling coffers and skylights diffuse and filter natural light into galleries and interior spaces
- 16-foot-high interior walls
- White oak floors
- Plasma screens at the Visitor Services desk display information about exhibitions and programs

Exterior

- Building skin comprised of 2,200 aluminum extrusions, each 4 in wide by 28 ft tall, spaced 2 _ in apart
- Glass curtain walls define each of the five sculpture courts, which visitors can access from the galleries

Lighting

- A custom-designed louver system above the skylights prevents penetration of direct sunlight
- Day-lit galleries throughout from 360 skylights with filtering “hoops” of fabric controlling light levels
- Filtered glass courtyard walls with custom curtain system
- Varying levels of daylight penetration in galleries based on art conservation requirements
- Incandescent two-circuit track lighting on computer-controlled dimmer

Green

- Daylight provides large percentage of light through skylights and glass walls
- Photocells optimize energy consumption by blending natural and electric light
- Double-pane-insulated windows and skylights with low-emissivity coating to keep heat out during the summer and prevent heat loss in the winter
- Efficient climate control systems to regulate temperature and humidity and remove pollutants from the air

Renovated East Building

- Building will become a center for special exhibitions, education programs, and public events while housing the collection management facilities, a research library, and administrative offices
- Two additional stair towers to add code-compliant exiting
- Additional restrooms for code compliance
- Three new special exhibition spaces (9200 sq ft, 3000 sq ft, and 1000 sq ft) increase capacity for temporary shows by approximately 45%
- New classrooms and relocated library expand program capacities and increase public access

Site and Landscape

- Three acres of newly landscaped area adjacent to the East and West Buildings
- Stone-paved arrival plaza connect the two buildings
- The south garden displays monumentally scaled sculpture, including several new commissioned works
- The 75 ft x 75 ft west court showcase Rodin sculptures adjacent to the indoor Rodin gallery
- The 75 ft x 100 ft central north court is an outdoor gallery for site-commissioned works of art
- Redesign of the Museum's existing pond for storm water control in conjunction with the design of environmental work of art by Mary Miss

Museum Park

- 164 acres with three miles of recreational and site-specific sculptures
- 650-foot-long pedestrian bridge connects the House Creek Greenway to Meredith College and NC State University to the east
- The House Creek Greenway connects to Umstead State Park via a multipurpose path adjacent to Reedy Creek Road
- To date, artists commissioned for objects in the Park include Bill and Mary Buchen, Patrick Dougherty, Chris Drury, Martha Jackson-Jarvis, Barbara Kruger, Mary Miss, Ledelle Moe, Roxy Paine, Thomas Sayre, Steven Siegel, and Vollis Simpson
- Managed in cooperation with NC State University through the Partnership for Art and Ecology

Timeline

- Summer 2009 – NCMA galleries close in preparation for the collection move
- Fall 2009 – Complete construction of West Building
- April 2010 – Opening of West Building to the public
- Fall 2010 – Complete renovation of East Building

NCMA Staff

- 140 paid and part-time staff
- 353 volunteers
- 178 docents

CREDITS

Architect: Thomas Phifer and Partners – New York, NY

Architect of Record: Pierce Brinkley Cease + Lee Architects – Raleigh, NC

General Contractor: Balfour Beatty Construction in association with Barnhill Contracting Company

Landscape Architect: Peter Walker Partners – Berkely, CA

Executive Landscape Architect: Lappas + Havener, PA – Durham, NC

MEP Engineer: Altieri Sebor Wieber – New York, NY

Associate MEP Engineer: Stanford White Associates – Raleigh, NC

Structural Engineering: SOM – Chicago, IL and Lassiter Hopkins – Raleigh, NC

Electrical Engineering: Fisher Marantz Stone – New York, NY

Daylighting Design: Arup – London and New York, NY

Civil Engineers: Kimley Horn – Raleigh, NC and ArtifexED, Inc. – Denver, CO

Governor of North Carolina, Michael F Easley

Secretary of Department of Cultural Resources, Lisbeth C Evans

Director, North Carolina Museum of Art, Lawrence J Wheeler

Director of Planning and Design, NCMA, Daniel P Gottlieb