

Glenstone

ARCHITECTURAL FACT SHEET THE NEW GLENSTONE



Expansion Description

To provide access to a larger portion of its collection and enhance its service to the public, Glenstone completed a major expansion of its museum facilities and landscape in 2018. The centerpiece is a new 204,000-square-foot building, called the Pavilions, designed by Thomas Phifer of Thomas Phifer and Partners.

Embedded into a rise in the landscape to give the outward impression of discrete buildings rising out of the earth, as in a traditional hill town, the Pavilions is organized within as a ring of gallery rooms surrounding a large landscaped Water Court. Rooms of varying sizes, configurations, and light conditions house single-artist installations and a multiple-artist survey of works from the Glenstone collection. The building significantly expands Glenstone's indoor exhibition space, from 9,000 to 59,000 square feet, and also provides increased office space and support facilities. A strategic master plan and site design by PWP Landscape Architecture more than doubles the area of restored woodlands, meadows, and streams accessible to the public, from approximately 100 to nearly 300 acres. The expansion also provides a new public entrance and arrival building, two free-standing cafés, and a center that highlights environmentally sustainable practices at Glenstone.

Glenstone Overview	Located on nearly 300 acres in Potomac, Maryland, near Washington, DC, Glenstone is a museum of modern and contemporary art that offers visitors a seamlessly integrated experience of works from its collection, architecture, and nature. Installations are almost always drawn from the museum’s collection. Its first exhibition building, known as the Gallery, was designed by Charles Gwathmey of Gwathmey Siegel & Associates Architects and opened to the public in 2006. The natural setting, designed by Adam Greenspan and Peter Walker of PWP Landscape Architecture, incorporates major works of outdoor sculpture within rolling meadows and unspoiled woodlands. Admission to Glenstone is always free. Visits are scheduled, to ensure that guests can have an unhurried, intimate engagement with the artworks and environment.
Glenstone Principals	Emily Wei Rales, Director and Co-Founder Mitchell P. Rales, Co-Founder
Pavilions Architect	Thomas Phifer and Partners
Landscape Architect	PWP Landscape Architecture
Pavilions Groundbreaking	June 24, 2013
New Glenstone Opening	October 4, 2018
<i>Setting</i>	The landscape design integrates walking paths, bridges, and restored meadows and woodlands. More than 9,000 trees of 55 native species have been planted across the grounds and approximately 33 acres of existing pasture land have been developed into sustainable meadows with a range of indigenous flora. The Pavilions’ Water Court is richly planted with water lilies, irises, and rushes, creating a dynamic landscape that changes throughout the seasons. The visitor entrance is framed by dry-stack stone walls constructed by a master craftsman with stone sourced from a nearby quarry.
<i>Arrival Sequence</i>	Visitors leave their cars in a parking grove and are greeted at the nearby wood clad, LEED platinum Arrival Hall, where they can orient themselves for their visit. Their short walk to the Pavilions proceeds over a timber bridge and into an expansive meadow, where one of the outdoor sculptures is visible in the distance. As the path curves, visitors glimpse the new building through a wooded verge of honey locusts, oaks, and tulip trees, until they emerge with a full view of the Pavilions’ entrance.
<i>Building</i>	The LEED gold Pavilions first appears as a cluster of simple masonry forms, varying in size and proportions and embedded in a rise in the land. The Pavilions has eleven rooms, nine of which currently feature single-artist installations. One room features an inaugural installation of works by 53 artists represented in the Glenstone collection, and another room

offers a view of the landscape. There are also artworks installed in the entry and the passage around the Water Court.

Light

Natural lighting is fundamental to the construction and design of the Pavilions. Most rooms have large clerestories or laylights to provide balanced natural light from above. One room is open to the sky. The play of light and shadow varies throughout the day; and as the seasons change, the light fluctuates, revealing subtle qualities in the artworks and providing a more natural, nuanced viewing experience.

Materials

The Pavilions' design emphasizes materials that evoke a direct, elemental, and timeless dialogue with the surrounding landscape. The exterior is made of 26,000 stacked blocks of cast concrete, individually poured to measure six feet long, a foot high, and a foot deep. Although no color-altering pigment was used, the pouring method and mixture of cement and sand created slight variations in the light gray color and in the texture. This finish deliberately contrasts with the smooth precision of the windows, which have been specially engineered using glass panels as large as nine feet wide by thirty feet tall, and are set flush into stainless steel mullions. The glass surfaces and concrete blocks form a seamless skin that bridges the building's indoor and outdoor spaces. White maple is used to clad the interior walls, ceiling, and floors of the Café, Arrival Hall, and the room looking out into the landscape.

Continuation of the visit

From the Pavilions, visitors may continue on a short path to the LEED gold Café. Like the Arrival Hall, the Café has an exterior of cedar, which will continue to weather to a soft gray that echoes the color of the Pavilions' exterior. Visitors are able to proceed past the Café to the original museum building, the Gallery, which continues to house temporary exhibitions of works. Past the Gallery is an additional café space, the Patio, where visitors may enjoy coffee or a snack, or refresh themselves before touring the landscape. Visitors are also encouraged to visit the Environmental Center, located beyond the parking groves, to learn about the Museum's sustainability efforts.

The Gallery (Original Building)

Architect

Charles Gwathmey, Gwathmey Siegel & Associates Architects

Figures (approximate)

30,000 square feet (gross)
Gallery space: 9,000 square feet

Materials

Stone (for exterior walls, interior floors, and terrace), zinc (for exterior panels), teak, and glass

The Pavilions (New Building)

Architect

Thomas Phifer, Thomas Phifer and Partners

Figures (approximate)	<p>204,000 square feet for the Pavilions 240,000 square feet total for all expansion buildings Construction cost: approximately \$200 million Principal areas include: Galleries: 50,000 square feet Offices: 12,000 square feet Water Court: 18,000 square feet</p>
Landscape Architect	PWP Landscape Architecture
Materials	<p>Pavilions materials: Stacked cast concrete blocks for exterior and interior walls. Large glass windows in stainless steel frames. Poured-in-place architectural concrete ceilings and terrazzo floors. Plaster walls for selected art display. White maple used for the interior floors, walls, and ceilings of selected spaces.</p> <p>Landscape Materials: Carderock stone features throughout the site. Cedar entry gate and bridges. Poured-in-place concrete and granite in Water Court. Crushed granite paving. Restored woodland primary species include Tulip Poplar, White & Red Oak, American Beech, Sycamore, Red Maple, Black Gum, and American Holly. Native meadow and understory primary species include Little Bluestem, Purpletop, Carex, and Ferns.</p>
Other Facilities	<p>Arrival Hall and Café: White maple interior and cedar exterior cladding Environmental Center: pre-engineered steel buildings Patio: Zinc, granite, teak, stucco, Venetian plaster (interior), limestone (interior), Douglas fir (interior), glass</p>
Project Team, Thomas Phifer and Partners	Thomas Phifer, Gabriel Smith, Andrew Mazor, Michael Trudeau, Rebecca Garnett, Jon Benner, John Bassett, Bethany Mahre, Robert Chan, Lamare Wimberly, Elijah Porter, Isaiah King, Petra Pearsall
Project Team, PWP Landscape Architecture	Adam Greenspan, Peter Walker, Steve Tycz, Conard Lindgren, Seth Rodewald-Bates, Marta Gual, Eustacia Brossart, Julie Canter, Lisa Daye, Matthew Donham, Lauren Hackney, Collin Jones, Pheobe Lickwar, Mi Yang
Consultants	<p>Arborist: Bartlett Tree Experts Office Interiors: Stantec Architecture AV/IT Consultant: CallisonRTKL Café Creative Direction: HFB STUDIO Civil Engineering: VIKA, Inc. Code Review: PFP Engineering and Design, Inc. Concrete Consultant: Reginald D. Hough Associates Cost Estimator: Stuart-Lynn Company, Inc. Ecologist: Jeffrey Wolinkski Elevators: Hector Columbani Associates, LLC Façade Design: R.A. Heintges & Associates Food Services: JGL Food Service Consultants General Contractor, Environmental Center: Whitener and Jackson, Inc.</p>

Geotechnical Engineering: Schnabel Engineering DC
Graphic Design: 2x4
Irrigation: Sweeney & Associates
Landscape Consultant (*Split-Rocker*, 2000): RAFT
M/E/P/FP Engineering: Altieri Sebor Wieber LLC
M/E/P/FP Engineering, Patio: KTA Group, Inc
Master Mason: Philip Dolphin
Meadow Consultant: Larry Weaner Landscape Associates
Natural Lighting Design: ARUP New York and London Offices
Owner's Representative: MGAC
Security Consultant: Layne Consultants International
Soil Scientist: Pine & Swallow Environmental
Specifications: Construction Specifications, Inc.
Stream Restoration Construction: Aquatic Resource Restoration
Company
Structural Engineering: Skidmore, Owings & Merrill, LLP
Sustainability: Buro Happold
Water Court / Constructed Wetland Engineering: Biohabitats
Waterproofing: Henshell and Buccellato

Image:

Approach to the Pavilions. Photo: Iwan Baan. Courtesy: Glenstone Museum.

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