

James Carpenter Design Associates Announces Major Project Milestones and Completions for 2015-2018

Upcoming Projects Signal a Broadening of Scope for Design Studio, While Advancing James Carpenter's Signature Light-Based Aesthetic

Highlights Include:

- Transformative Museum Expansions, including the renovation of the Museum of Westward Expansion under the iconic St. Louis Arch and the expansion and new building for Denmark's Bornholms Kunstmuseum for its merge with the Bornholm Museum.
- University Revitalization Projects, such as the transformation of Duke University's student center and definition of a main route through the west side of campus, opening December 2015 and the architectural envelope for a new research center at the University of Chicago, opening in October 2015.
- Design for New Commercial, Residential, and Mixed-Use Projects, including designs for Nordstrom's new flagship store in New York City; 860 Washington, a new mixed-use commercial building adjacent to New York City's High Line; and a new façade, lobby, and storefront for 20 Martin Place, a commercial building in downtown Sydney.

New York, NY – October 19, 2015 – James Carpenter Design Associates (JCDA) has embarked on a series of major design projects that will expand the scale and scope of its work, and advance its distinctive aesthetic approach to the built environment. Over the next three years, James Carpenter and his team will bring to fruition a succession of design projects in the commercial, nonprofit, cultural, and civic sectors, creating new spaces and transforming existing ones with the application of a design philosophy based on the use of natural light as the foundational element of the built environment. Acting as the lead creative partner on projects ranging from new buildings to signature design features in existing structures, JCDA is taking on projects of increasingly significant size and complexity, ranging from a museum expansion in Denmark to a mixed-use office and retail complex adjacent to Manhattan's High Line.

"In recent years, JCDA has grown its practice significantly, applying a light-focused design approach to an ever-widening scope of work," said James Carpenter, the studio's founder and principal. "In collaboration with the Architecture Operations D.P.C. –JCDA's sister firm launched in 2012—we have expanded our opportunities to provide comprehensive design leadership on an array of projects, asserting the importance of a humanistic approach in shaping large-scale constructed environments. Our work with cultural and academic institutions has especially grown, as well as the scale and complexity of our projects."

JCDA's upcoming slate advances the studio's growing engagement with an increasingly ambitious scale of projects—exemplified by the recently completed Sky Reflector-Net at New York City's Fulton Center, which opened to great acclaim in 2014. In particular, JCDA with Architecture Operations D.P.C. is expanding its activities in the higher education sector, where the firms have undertaken major design assignments on structures at Duke University. Clarifying the West Union District identity, the Duke project encompasses both the creation of a new entryway at the Bryan Center and a new pathway to advance the campus' interconnectivity. The project marks a major milestone in the studio's 36-year history, as it will be the first project to be completed with Architecture Operations D.P.C., a full-services architectural firm co-founded by James Carpenter and Reid Freeman.

JCDA is also broadening its work with cultural institutions following recent landmark projects, such as the 2011 expansion of the Israel Museum, Jerusalem. Current cultural projects include major expansions and renovations of both the Museum of Westward Expansion in St. Louis, located at the iconic Gateway Arch, and the Bornholm Museum in Denmark, which will house art historical and archaeological collections. With these and other projects, JCDA continues to advance the philosophy on which it was founded: that natural light is the core element of the design process, with a unique capacity to enliven and activate the human experience of the built environment.

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Major JCDA projects that will reach completion or other important milestones over the next three years include the following, listed chronologically:



University of Chicago:
William Eckhardt Research Center
Chicago, IL

Completion: October 2015

JCDA designed the exterior enclosure for the University of Chicago's new research center, which connects the existing physics building with a new Institute for Molecular Engineering. In collaboration with HOK Architects, JCDA also developed the design for the center's massing and the interior public circulation spaces. Guided by light as an expression of nature, JCDA's design concentrates light within the building's thresholds as a metaphor for the creativity, discovery, and exchange of ideas inside. JCDA's approach leverages shadow and

reflection to emphasize the depth and sculptural qualities of the façade. Taking into considering the campus and urban surroundings on either side of the new center, the design integrates seamlessly into the landscape, while maintaining a distinct presence.



Duke University: Bryan Center and
West Union Landscape Walkway
Durham, NC

Completion: December 2015

JCDA, with Architecture Operations D.P.C., has designed the renewal of the entrance to the Bryan Center at Duke University, a student center and 24-hour hub of undergraduate activity on the West Union District of campus. The firms also designed a new elevated walkway through the West Union District, defining the main student-life circulation route through this section of campus. To integrate a sense of connection with Duke's forested grounds into the circulation

experience, JCDA designed the West Union Landscape Walkway as a bridge with unique dining and seating areas below. Prismatic glass coffer within the bridge-deck refract natural light and its interaction with the treescape into the spaces below. The use of steel, glass, and terracotta in the new entryways compliments the existing Gothic architecture, while etched glass provides multifaceted transparency that reflects the ever-changing natural light, the treescape, and students' movements throughout the new spaces.



860 Washington Street
New York, NY

Completion: March 2016

JCDA, with Adamson Associates as executive architect, is creating a new mixed-use office and retail building adjacent to the High Line in Manhattan's historic Meatpacking District. Designed to maximize the experience of natural light in a crowded urban environment, the building provides a luminescent transition point between the High Line and the nearby Standard Hotel. The building's structural features respond to the industrial character of the Meatpacking District, while adding a contemporary aesthetic drawn from the minimalist material palette of glass, concrete, and finely detailed steel. Ambient lighting on the sidewalk will create a textured visual experience for pedestrians and further enhance the building's connection with its urban landscape. The interior of the building is designed to be infused with natural

light throughout, minimizing the need for artificial illumination and supporting an anticipated LEED certification.

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Museum of Westward Expansion
St. Louis, MO
Completion: Spring/Summer 2017

The expansion and renovation of the Museum of Westward Expansion and Arch visitor center enhances the Museum's existing structure with its integration into the Jefferson National Expansion Memorial park and the surrounding urban environment. Working with Cooper Robertson, JCDA is creating a new west entry and visitor center addition that will add 46,000 square feet of new exhibition space and establish a more intuitive visitor circulation throughout.

More than 50,000 square feet of existing exhibition space will be reconfigured by harnessing the site's natural lighting conditions to create a greater connection to Eero Saarinen's iconic Gateway Arch.

The reconfiguration of the Museum's interior establishes a dialogue between earth and sky, with a luminous ceiling that maximizes a sense of daylight within the Museum's subterranean interior. A sense of daylight will be visible at every point in the new space, effectively "opening" the interior and maintaining a direct visual connection to the exterior. The new entrance will serve as the commencement of a new main circulation that will guide visitors intuitively through the exhibition spaces and culminate in an arrival at a fully renovated Saarinen Hall directly below the Gateway Arch. This west entrance will punctuate an expansion of the Museum's western side, creating a stronger connection with the surrounding campus and downtown St. Louis.



Bornholm Museum Expansion
Rønne, Denmark
Completion: 2018

On a unique site in Denmark overlooking the Baltic Sea, JCDA is leading the expansion of the island's Bornholms Kunstmuseum and the creation of a new building for its merge with the Bornholm Museum, which houses local archaeological and historical collections. In addition to a shared entry and public space for both museums with auditorium seating, a gift shop, and restaurant, the new building will incorporate outdoor exhibition spaces and two

floors of gallery spaces, including the new Light Museum, a gallery for site-specific works by artists whose practice incorporates natural light. Guided by the site's topography and unique lighting conditions, JCDA developed a tiered, three-level design that emphasizes long views of the landscape, underscoring the relationship of the sky, ground, and sea.

Nordstrom
New York, NY
Completion: Fall 2018

JCDA is working on designs for the first Nordstrom flagship store in New York City, located between 57th and 58th Streets on Broadway in midtown Manhattan. JCDA's design will contribute a multidimensional experience of light at both the street level and within the store's interior, reflecting the merged civic and commercial aims of the project.



20 Martin Place
Sydney, Australia
Completion: September 2015

JCDA is the lead design partner for a new façade, storefront, and primary public spaces that will transform 20 Martin Place, a commercial building in the heart of Sydney's central business district. The project complements the architectural landscape of downtown Sydney, while incorporating a fresh aesthetic that uses glass to activate a visual connection between the street level and the interior, and bring new dynamism to the iconic public plaza. Subtly colored cast glass columns provide a counterpoint to the clear glass tower and act as a luminous interpretation of the surrounding sandstone-clad buildings. An innovative cladding system composed of overlapping rows of glass panels channels and diffuses natural light from the building's southern façade, creating an iridescent effect that responds to changing light conditions of Sydney's urban environment. Through the interlocking of the glass tower and lower-level podium, the new building also reflects and integrates into Sydney's historic architectural traditions.

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About James Carpenter Design Associates

James Carpenter Design Associates (JCDA) is a cross-disciplinary design firm working at the intersection of art, engineering and the built environment. Led by James Carpenter, the firm is recognized for its distinctive use of natural light, which serves as the foundation of its design philosophy. Architecture Operations D.P.C., a fully licensed architecture practice established in 2013 by Carpenter and Reid Freeman, AIA, offers comprehensive architectural services while JCDA acts as the lead creative partner on projects ranging in scale from new buildings to signature design features to reactivations of existing spaces—in each instance providing a unified design vision to guide the project from conception to completion.

JCDA brings a luminescent artistic sensibility to its designs, leveraging glass to mediate a dialogue between interior and exterior space, and to exploit the performative aspects of natural light. The firm is also noted for its activations of public spaces. Major projects include: the monumental “Sky Reflector-Net” (2004-2014), and the exterior envelope and lobby of Seven World Trade Center Tower (2001-2006) in New York; the Israel Museum’s expansion and campus renewal project in Jerusalem (2005-2011); the Gucci Ginza flagship store in Tokyo (2003-2006); the “Ice Falls” water feature in Hearst Tower (2002-2006); and the University of Chicago’s Midway Crossing (2009-2014), which included landscape and infrastructure linking the college’s north and south campuses.

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