

Artist Statement

Accessible Welcoming Enduring Symbols
to Honor the visionary leadership of Castle Rock
City, and the Resilient Spirit of the People.

Sustainability: Sustainable Copper and Steel,
brilliant colors, highlight and Contrast the beauty
of your architecture.

High Visibility: monumental scale as tall as 24
feet, with dignity and visibility give "a world-class
community with small-Town character."

Impactful

Reason to consider our team to serve you:
our team' expertise in empowering community
engaging community, unifying the entire city.

Advance local economy, driven cultural tourism
through inclusive innovative design.

A cultural asset for your community



Ai Qiu Hopen
Gateway Landmark Designer, Sculptor

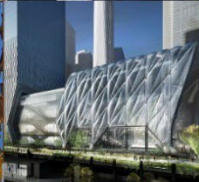
Humanity Memorial Inc. Team Promotes Humanity Through Public Art
www.aiqiuopen.com

SCOTT LOMAX, CEng, MICE
Structural Designing /Engineering

Renee Kemp-Rotan,
Assoc. AIA

Denins Poon, M.S.C.E.
Public art structure, Thornton Tomasetti

DAN EUSER, DEW Inc.
9/11 Memorial



Humanity Memorial Inc. Team

Minority Women Owned business Firm www.aiqiuopen.com.

Main Contact:

Email: Messageofpeace8@gmail.com Address: 269 Morrison Ave, Sutton WV, 26601 USA.

1 304 765 5611 (Studio) 1304 707 8502 (Mobile)

Dear Art Selection Committee,

Impact: Castle Pillars of Community will beautify Town Hall Plaza, bring wonder and joy, the uplifting birds of diversity representing the soup of Castle Rock as a vibrant diverse community, the pillars of community evoke community pride and hope. Rich layers of interactive elements such as copper bas relief birds and seating, rock textures on the pillars reference to the landmark of Castle Rock, encourage fun and play, with option of wind chime installed between pillars, celebrating diversity as the chord of humanity. Iconic rising wings represent resilient soaring spirit of Castle Rock community as one unifying community, forever inspires unity, as the beacon of hope honor the essence of the Castle Rock people. As catalyst to enhance vibrancy drive local economy. Sustainable Copper, steel, best for your climate.

Unifying Entire community with Enduring Values: We are very inspired by your project and the inclusive spirit of your community. **We believe our inclusive design can reflect your value and honor your inclusion through compelling signature art for your stunning Downtown Castle Rock, in this prominent Town Hall plaza, we can connect all cultural backgrounds with universal symbols of inclusion and connection, unity and love.** We will convey your resilient spirit as beacon of hope in our challenging time. We can create an image story for you of how we come together from diverse community, build a landmark as a testament that great city of Castle Rock, can lead us, connect and unify us with a sense of hope.

Green Sculpture 100% Pure, lightweight Sustainable Copper and steel, the most safe material for your climate. The same copper as Statue of Liberty made of.

Transcend our differences. We believe in community led design, it is the key to connect one another through art, we will create with you and your community.

Creative Process: We will setup workshops in your community, gather your inputs. also we can connect with you online live events and Zoom workshops, such as stream our process and invite your input, if we are honored to serve you. together we thrive, with input of your design team and your community, we can build something spectacular, a uplifting cultural icon of hope to elevate the entire community, drive tourism, complement the stunning architecture.

CEO/Sculptor, Ai Qiu Hopen, 11/28/21, Certificated Minority Women Owned Business, Humanity Memorial Inc.



Team Qualification/Resume: Together We Thrive, Certificated Minority Women owned business firm Humanity Memorial Inc. Notable Projects:Police Memorial in Ohio State Capital,Thousand Islands New York Landmark Three Harts, Rated as No.1 must visit attraction by Trip adviser. www.aiqiuholen.com Messageofpeace8@gmail.com 1 304 765 5611(Studio) 1304 707 8502(Mobile) 269 Morrison Ave, Sutton WV,26601 USA.



Humanity Memorial Inc. Team Promotes Humanity Through Public Art www.aiqiuholen.com

**Highest Stand
Craftmanship
Engineering**

**Sustainable
"Green
Sculpture"**

**Zero
Maintenance
needed**

**Celebrate
Diversity and
Inclusion**

**Advance
culture and
economy**

**Public Safety
Assured**

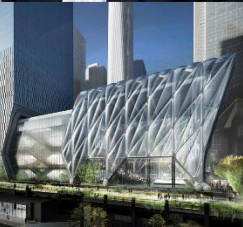
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DAN EUSER ,DEW Inc.
9/11 Memorial



Hopen Humanity Memorial Inc. is multiple national award-winning design team with teams of experts deliver world class engineering, permanent structure designing, and landscape foundation /safe installation to bring you world class gateway landmark. Public Safety assured, structure integrity assured.



Humanity Memorial Inc. Team is certificated minority woman lead public art design and installation firm. Led by Ai Qiu Hopen and Bill Hopen. Humanity Memorial and their associate foundry fabricator team who have placed millions of dollars of bronze figurative works with over 50 public art and Gateway landmarks, with 100% successful installations record, 100% safe structure record, 100% delivered on time, 100% within budget record in the USA and abroad.

International Competition 2021 Winner, budget 1 Million USD, **Gateway landmark** ECO Park, Our team with renown WallacePancher Group is the only team from North America won the competition to build one of 7 parks, represents best practice and green development, sustainable urban development, diverse city cultures. Xuzhou's Bureau of Parks & Urban Development.

National competition, 2021, finalist, Washington DC, **Front entrance gateway art** Benjamin Banneker high school

National competition, 2021, finalist, Interactive signature art for children, Capital Hill Montessori middle school

National Competition 2021 Winner, Gateway landmark, 24 feet mark major entry into tourist city of Coeur d' Alene, ID

National Competition 2020 finalist, Gateway landmark, 22 feet, Frederick, MD

National Competition 2020 Finalist, honoring the contributions of Matthew Gaines for Texas A&M University

National competition 2020 Finalist, Law Enforcement Memorial for Law Enforcement Garden, Kansas City.

National competition 2020, Finalist, **Gateway Landmark**, For downtown Sarasota Florida

National competition 2020 finalist Racial Justice Memorial , Dallas, Texas

National competition 2020 finalist Allen Texas Recreation Center, second best place to live in US by Money Magazine

National competition 2019 winner, Ida B. Wells civil right Icon Ida B. Well Monument, Washington DC. Capital Coolidge High school

National competition 2019 winner Gateway landmark, Unity Arch, McKinney TX No.1 best place to live by Money Magazine.

National competition 2019 Gateway landmark Florida State Capital, Dozier Boys Memorial honoring 100 abused children

National competition 2018, Finalist, **Gateway landmark** honors the enslaved people of Southern Maryland, St. Mary's College of Maryland, the state's Honors college.\$500,000

National competition, 2013 Winner, Gateway landmark ,a major civil right movement monument for foot soldiers for Kelly Ingram Park, Birmingham, AL. The 1963 Birmingham civil right movement lead by martin Luther King changed America history forced the pass law of 1964 civil right act that outlaw discrimination based on race. \$525,000

National Competition, Circle of Love, model prepared for finalist team Mass Design Group, UK Holocaust Memorial Design Competition finalist, Memorial project Budget £50 million

1995-1999

Education: ECU Shanghai China, graduated from Modern Design Art Education Department, Reputed as Columbia of East.

2016 David Gordon Memorial,4 life size figures, Washington, DC. David Gordon Memorial Foundation

2014 Saint Scholastica, 8ft, bronze, St Scholastic Plaza, Benedictine University, \$328,000. Atchison, KS

2010-2011 "Wedding at Cana" Eight life size bronze figures with 6 large wine/water jars, Wichita, Kansas, \$600,000 budget



Your landmark structure safety assured, to represent your vision for centuries

- ENR Award of Excellence, Top 25 Newsmakers in 2010
- Outstanding 50 Asian Americans in Business Award, 2010

Education

- M.S.C.E., 1979, School of Engineering, Columbia University, New York, New York
- B.S.C.E., 1977, University of Texas at El Paso, El Paso, Texas
- Certificate of Building Technology, 1974, The Hong Kong Polytechnic, Hong Kong



Dennis Poon is the structural design principle of some of the tallest buildings in the world including the 700+m tall Suzhou Zhongnan Center in Suzhou, China, the 600m tall Ping An International Finance Center in Shenzhen, China, the 638m tall Signature Tower in Jakarta, Indonesia, the 636m tall Wuhan Greenland Center in Wuhan, China, and the 632m tall Shanghai Tower (the world second tallest tower).

His special structure projects includes important landmark art, museum installation and modern art exhibitions.

Summary

Dennis Poon is a Vice Chairman at Thornton Tomasetti, Inc., an 800+ person, privately held structural engineering firm. Dennis has more than 40 years of experience leading and executing the structural engineering of a wide variety of building types, such as supertall structures, large-scale mixed-use complexes, hotels, airports, arenas and residential buildings worldwide. He has expertise in the application of state-of-the-art engineering technologies in both concrete and structural steel for building analysis, design and construction, including project delivery strategies. Dennis also has extensive experience in seismic design, structural investigations and optimization of structural systems.

Awards / Affiliations

- Board of Trustees, Council of Tall Buildings and Urban Habitat (CTBUH), 2010-2018
- 2015 Leaders of Industry Award, Concrete Industry Board (CIB)
- Corporate Executive Award, New Jersey Chinese American Chamber of Commerce, 2009 and 2010

Select Project Experience

Chengdu Dongcun Greenland Tower, Chengdu, Sichuan,

CHN. Structural engineering services for the design phases, and structural peer review services for the construction document phase for a development comprising a mixed-use tower estimated to be more than 450 meters and two 150-meter apartment towers in a high-seismic zone. The main lateral force resisting system is a steel reinforced concrete core wall with steel reinforced concrete columns, which zig-zag along the height of the tower. The second lateral force resisting system includes a high-performance brace frame system made of steel reinforced concrete columns with an outer periphery of steel beams and braces.

Jinan IFC Landmark Tower, Jinan, CHN. Structural engineering services for a 97-story mixed-use, supertall tower, which requires a high-efficiency structure to resist gravity and lateral force. The 518-meter building will include Class-A office space, retail, luxury hotel, and residential units. The total floor area is 280,000 square meters above ground and 40,000 square meters below ground, which satisfies the basement area requirement for supertall construction.

Lamar Towers, Jeddah, KSA. Structural peer review of a 413,500-square-meter mixed-use development. The project consists of a 72-story tower, a 64-story tower. (N13305.00)

One Shenzhen Bay T7 Tower, Shenzhen, CHN. Structural engineering services for a 134,970-square-meter, mixed-use tower featuring a concrete wall superstructure with steel embedded concrete mega columns as well as composite columns.

Ping An, South Tower, Shenzhen, CHN. Structural engineering services through design development for a 52-story, 293.5-meter tall mixed-use building. A five-story sky bridge connects the South Tower with the 600-meter main tower, Ping An International Finance Center, for which

Shanghai Tower, Shanghai, CHN. Structural engineering of a 380,000-square-meter, 632-meter mixed-use tower development. The facility will house Class-A office space, retail, a luxury hotel, 2,200-seat arena, non-enclosed observation deck and three levels of below-grade parking. The project will seek LEED Gold certification by the China Green Building Council in association with the USGBC. **The world second tallest tower.**



Client Adrian Smith + Gordon Gill Architecture

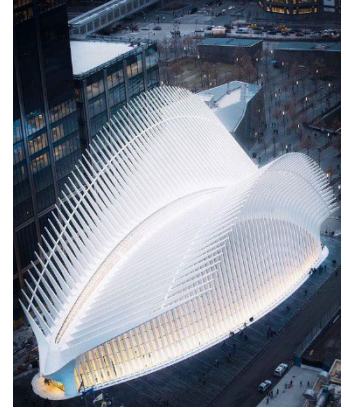
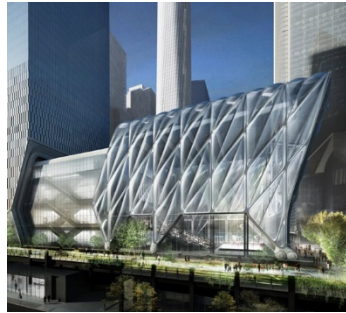


Client Leo Villareal

CV Scott Lomax, MEng, CEng, MICE

Senior Principal, **Scott Lomax, MEng, CEng, MICE, licensed in Florida.** Senior Principal

Education M.Eng. (First Class) in Civil Engineering, 1998, University of Glasgow, Scotland



Location: New York
Completion Date: 2016.

Safety Assured: Your landmark structure safety assured, let us create a must see destination together to represent your vision for centuries

A co-leader of our Structural Engineering practice, Scott Lomax specializes in the design, analysis and project management of complex and creative structures.

His portfolio includes The Shed moveable arts space and Vessel interactive sculpture in New York City's Hudson Yards, the 1,200-foot Margaret Hunt Hill vehicular bridge in Dallas, Texas, and the Museu Do Amanha in Rio de Janeiro, Brazil.

Notable ProjectsThe Shed, Huston Yard, New York (photo, left)

Construction Cost \$400 million

Thornton Tomasetti provided structural design, daylighting, facade, kinetic and construction engineering services. Hudson Yards development project. Adjacent to the High Line and new Public Square and Garden, the 200,000-square-foot cultural facility is dedicated to the development and presentation of the visual and performing arts.

The Museum of Tomorrow (Photo, left)

Budget \$213 Million USD

Courtesy Santiago Calatrava

Santiago Calatrava **LOCATION** Rio de Janeiro , Brazil

PROJECT TYPES Waterfront, Community ,

Cultural **PROJECT SIZE** 135,625 sq. feet Thornton Tomasetti

Architect:

CLIENT Museu do Amanhã

World Trade Center Transportation Hub (photo, left bottom)

(Construction cost, 4 Billion USD) Photo (Opoline Group)

Project Partners: Downtown Design Partnership (a joint venture of STV Incorporated and AECOM, in association with Santiago Calatrava, SA).

Owner: Port Authority of New York and New Jersey

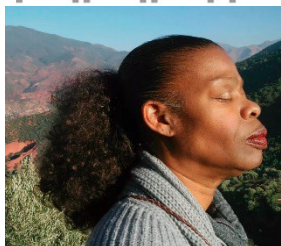


Notable Project, Birmingham Civil Rights Heritage cultural Trail
As DC native, Renee attended DC Public Schools, won the AIA/Ford Foundation Minority Scholarship Award to Syracuse

Diversity Cultural design Consultant

RENEE KEMP-ROTAN URBAN DESIGNER. MASTER PLANNER

Renee Kemp-Rotan '75 (BArch) is both an urban designer and a



master planner who turned architecture and planning degrees into a career devoted to urban design, cultural heritage, and the power of design to impact social change. From studying mud-based architecture in Ghana to serving as Atlanta's liaison on the construction of Phillips Arena and Olympic Park, she's been involved in nearly every type of building design imaginable: parks, schools, trails, hotels, museums, arenas, stadiums, theaters, housing, and new towns.

She was the first African American female to graduate Syracuse University with a Bachelor of Architecture / cum laude; attended the Architectural Association, in London; and graduated from Columbia University,

with a Master of Science in Urban/Regional Planning.

Renee is a member of the American Institute of Architects (AIA); AIA's Diversity+ Inclusion Council; and the National Organization of Minority Architects (NOMA). Kemp-Rotan has directed AIA's Design, Education, Practice Division and the National Endowment for the Arts' Design Demonstration and National Design Competition Programs.

She has served ten mayors as the Urban Policy Advisor in major U.S. cities, such as Washington, New York City, Atlanta, and most recently, Birmingham, where she was the Director of Grants and Special Projects. Renee also served as Director of Master Planning for Birmingham's award-winning Railroad Reservation Park and the innovative Birmingham Civil Rights Heritage Trail.

Contribution for your project:

Award: The ASLA 2021 LaGasse Metal national award winner for environmental restoration and protection
Our artwork will be in harmony with your landscape with our team' Landscape Architect' expertise and input
to protect your environment, and complement your stunning landscape and architecture cohesively aesthetically.



Central Park, New York, NY - The project involved the planning and design of largest urban park.

Awards:
Design Honor Award, American Society of Landscape Architects.
Best Site Design Award, New York Construction News
The ASLA 2021 LaGasse Metal national award winner for environmental restoration and protection



BARRETT KAYS,
Ph.D., RLA, LSS, CPSS, FASLA
www.landispllc.com

SOIL, HYDROLOGIC, & ENVIRONMENTAL SCIENTIST
LANDSCAPE ARCHITECT

Dr. Kays is a talented, innovative and award-winning environmental scientist and landscape architect, recognized for designing sustainable soils and landscapes, detailed and accurate analysis of natural resources, soils, watersheds, wetlands, surface waters, groundwaters, and contaminated sites. He blends his commitment for rigorous scientific and analytical basis of sites and natural resources with his knowledge of design. He has served as soil and environmental scientist consultant to federal agencies including: USGSA, USFWS, USACE, and USDOJ; other governmental and institutional clients including: Central Park Conservancy, Inc., Battery Park City Authority, NCDOT, Duke University, North Carolina State University, University of North Carolina, BankAmerica, Wachovia, Theodore Roosevelt Estate, AECOM, Ayers Saint Gross, Gehry Partners + AECOM Joint Venture, Andropogon Associates, Inc., Civitas, Inc., Hargreaves Jones & Associates, Innovative Design, Inc., Kimley-Horn, Inc., Sasaki Associates, Inc., Stewart, Inc., West 8, Figgie Corporation, Clariant International, Ltd., Trizec-Hahn Centers, and Rouse Corporation. He is a proven leader in creation of unique sustainable solutions for his clients' projects. He has directed projects in twenty-five states: CA, CO, CT, DE, FL, GA, IA, ID, IN, IL, LA, MD, MS, MO, NC, NE, NJ, NY, PA, SC, SD, TX, VA, WA, WV, and DC.

DESIGN AWARDS

2018 Honor Award, American Society of Landscape Architects, Restoration of Main Fountain Garden, Longwood Gardens, Kennett Square, PA

2017 Top Green School Award in the Carolinas, Isaac Dickson Elementary School, Asheville, NC by US Green Building Council's Green, pending

2017 LEED Platinum Award Application, Isaac Dickson Elementary School, Asheville, NC for Legerton Architecture, Asheville, NC and Innovative Design, Inc., Raleigh, NC, pending

2015 Honor Award by North Carolina Chapter of American Society of Landscape Architects for author of international soils technology for ASLA LATIS Series Publication

2012 LEED Platinum Award, Creative Arts Building, Haywood Community College, Clyde, NC for Innovative Design, Inc., Raleigh, NC

2011 LEED Platinum Award and International Cascadia Living Building Award, Sustainable Living Center, Maharishi University, Fairfield, IA

2010 LEED Platinum Award, Freshman Hall, Emory University, Atlanta, GA for Ayers Gross Saint, Baltimore, MD

2009 LEED Gold Award and FHWA Environmental Excellence Award, Mountain Region Visitors Center, NC Department of Transportation, Raleigh, NC

2008 Beyond Green High Performance Building Award and Top Water Saving School in US by EPA, Northern Guilford County Middle School, Greensboro, NC for Innovative Design, Inc., Raleigh, NC

2007 LEED Gold Award, Grove Elementary School, Greenville, SC for Innovative Design, Inc., Raleigh, NC

2005 Nation's Top Exemplary Sustainable Building Award, Heritage Middle School, Wake Forest, NC for Innovative Design, Inc., Raleigh, NC

2000 Honor Award, NC Chapter of American Society of Landscape Architects, Fredrick Law Olmsted Causeway at North Carolina Arboretum, Asheville, NC

1998 Excellence Award, NC Chapter of American Society of Landscape Architects, North Carolina Arboretum, Asheville, NC

1998 Honor Award, American Society of Landscape Architects, Great Lawn & Belvedere Lake Restoration, Central Park, New York, NY, for Central Park Conservancy, Inc.

Best of 1998 Site Design Award by F.W. Dodge New York Construction News, Great Lawn & Belvedere Lake Restoration, Central Park, New York, NY, for Central Park Conservancy, Inc.

1981 Merit Award in Research, NC Chapter of American Society of Landscape Architects, Urban Watershed Research Project

RESEARCH

Consultant to NCSU and NC Clean Water Management Trust Fund for 4-year research study on amending compacted site soils for creation of enhanced infiltration, Raleigh, NC

Workshop teacher for ½-day course on design of beyond green urban stormwater systems for zero runoff at 2015 International Low Impact Development Conference, Houston, TX.

Author of "Environmental Forensics in Water Resources" training manual for Northwest Environmental Training Center, Issaquah, WA

EDUCATION

Doctor of Philosophy Degree, Honors, Soil Science, Minor in Geology,
North Carolina State University, Raleigh, NC

Masters of Landscape Architecture Degree, Honors, Landscape Architecture,
Minor in Urban and Regional Planning, North Carolina State University, Raleigh, NC

Bachelor of Science Degree, Honors, Horticulture & Biological Sciences,
Oklahoma State University, Stillwater, OK

REGISTRATION

Nationally Certified Professional Soil Scientist, Soil Science Society of America

Licensed Professional Soil Scientist, State of North Carolina

Certified Professional Soil Scientist, Commonwealth of Virginia

Registered Landscape Architect, New York, North Carolina, & Virginia

HONORS

Soil Science Professional Service Award, Soil Science Society of America

Outstanding Alumnus Award, Department of Soil Science, NC State University

Distinguished Alumnus Award, Oklahoma State University

Distinguished Alumnus Award, College of Design, NC State University

NC College of Agri. & Life Science, Perspectives Magazine, Feature Article on Barrett Kays, November 2014
Southern Living Magazine, Feature Article on Barrett Kays, October 1998
North Carolina Magazine, Executive Profile Article on Barrett Kays, June 1996
NC State Alumni Magazine, Feature Article on Barrett Kays, Spring 1996
NC State CALS Magazine, Feature Article on Barrett Kays, February 2015

PROFESSIONAL AFFILIATIONS

Soil Science

Member, Soil Science Society of America
Past Board of Directors, Soil Science Society of North Carolina
Past President, Consulting Soil Scientists of Carolinas, Inc.
Board of Directors, Consulting Soil Scientists of Carolinas, Inc.
Past Board of Directors, National Society of Consulting Soil Scientists, Inc.
Past Board of Directors, NC State University Agricultural & Life Sciences Foundation
Past Member, ASCE Environment & Water Resources Institute

Landscape Architecture

Fellow, American Society of Landscape Architects
Member, ASLA Constitution & By-Laws Committee
Past Member, ASLA Professional Practice Committee
Past Board of Directors, College of Design Foundation, NC State University

Civic, Business & Government

Past Commissioner, North Carolina Public Health Commission
Past Board of Directors, Greater Raleigh Chamber of Commerce
Past Member, NCCBI, Environmental Concerns Committee
Past Chair, NCCBI, Coalition of 28 State-Wide Associations
Member, Rotary Club of West Raleigh



Dwight D. Eisenhower Memorial, Washington, DC, Landis as soil and hydrologic design
consultant to Gehry Associates, Inc. + AECOM
Joint Venture, Los Angeles, CA and Alexandria, VA

Humanity Memorial Inc. Team Work Examples:

Work Example 1: Unity Arch, Down town McKinney Texas



Medium: Sustainable copper, steel Dimensions: 5 m x 4 m x 2 m

Year Completed: 2019 Location: McKinney Texas

Description: Our sustainable copper art reflects the beauty of diversity/community. Unity Arch represents the McKinney community's vision for unity and healing. The two arches embrace the committee's input. We are grateful to have been working with many diverse communities throughout the United States. We will create with you and follow your vision and guidelines to assure your vision and voice will be represented.

Our works will last for centuries. zero maintenance needed. **"Hopen' Team is knowledgeable and worked well with the City's engineering firm to ensure that the piers, base and design of sculpture met or exceeded all city codes. In addition, the feedback has been overwhelming positive. it is a gathering place for all ages to play and take photographs!"** (Downtown McKinney Park, McKinney, TX Art Commission)

Our unique cutout patterns will add dynamic and movement to highlight the beauty of the stunning architecture and landscape in surrounding, represent the visionary spirit of your community as a city of innovation.



Unity Arch

unique sustainable hammered copper, the same copper *Statue of Liberty* made of can complement your stunning interior and exterior architecture.

Work Example 2 Team Member Designer DEW INC., National 9/11 Memorial



Photo Epicgenius/Wikimedia

Dew. Inc. Water Feature

National 9/11 Memorial, New York

Price:
\$20000000.00

NATIONAL SEPTEMBER 11 MEMORIAL
NEW YORK, NY, USA
2011 - DAVIS BRODY BOND - MICHAEL ARAD
& PETER WALKER & PARTNERS

Dimensions:
800' x 200' x 200'

Year Completed:
2012

Award
ASLA Honor Design Award
National 9/11 Memorial

National 9/11 Memorial, NY Dimensions: 800' x 200' x 200' Price: \$20Million USD Year Location: New York

Work Example 3 You are Love You are Light



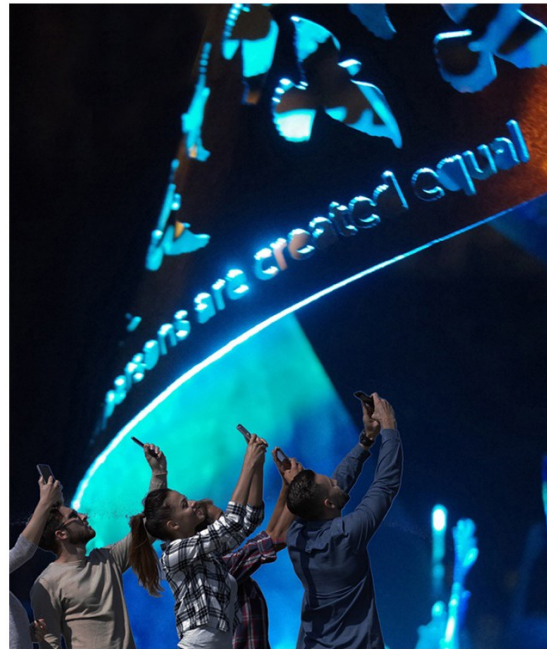
Title: You are Love You are Light tells the story of adventure and discovery. Year 2015 Location Washington DC Dimension 1.7 m x 2.9 m x 2 m Price \$100000.00 Material Bronze,copper Review: "Ms. Hopen was upbeat and delightful to work with. She was flexible and highly amenable to feedback. The statue has aged flawlessly without any maintenance. I believe Hopen is highly talented and motivated, has exceptional technical skills and experience as a sculptor and has unique gifts that give her work an auteur, magic, and compelling presence that is extremely rare, if not unique."

Work Example 4 Wedding at Cana



Our Art tells a story for every unique space. Wedding at Cana. Medium: bronze Dimensions: 2 m x 16 m x 8 m
Project budget: \$600,000.00 Year Completed: 2011 Location: Wichita, Kansas. Eight life size bronze figures,
Our artworks respect the aesthetic value of your landscape, will add beauty and value to your beautiful landscape.
Maintenance free, museum quality bronze and copper. Indestructible, Interactive, warm welcoming, joyous in spirit

Work Example 5: Title: Monument to Peace and Unity, Client, City of Coeur D'Alene, Honors the City' commitment to unity and Human Dignity. The committee' words are a part of the artwork" ...each human being created as equal, the human dignity is inviolable..." Budget \$75,000 Completion: 2021 Location, Main Entrance to the city of City of Coeur D'Alene

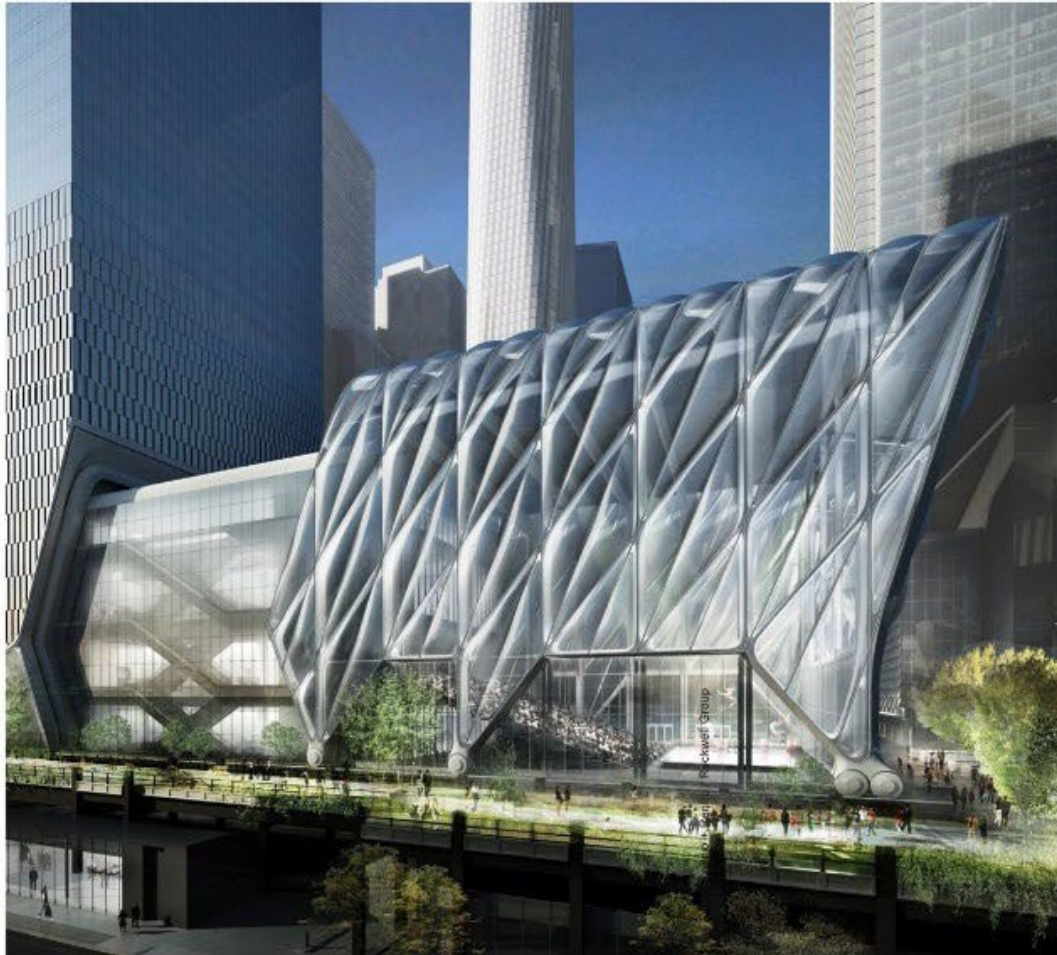


National Competition 2021 Winner, Gateway landmark, 24 feet mark major entry into tourist city of Coeur d' Alene, ID copper and steel, Title, Monument to Peace and Unity, nature themed elements invite interaction,discovery,connection

The Shed

New York, New York

Budget Construction Cost \$400 million



The Shed

New York, New York

Thornton Tomasetti provided structural design, daylighting, facade, kinetic and construction engineering services for a new steel-framed building designed as the key event venue of the Hudson Yards development project. Adjacent to the High Line and new Public Square and Garden, the 200,000-square-foot cultural facility is dedicated to the development and presentation of the visual and performing arts.

Completion Date 2019
Construction Cost \$400 million

Owner / Client The Shed
Client / Architect Diller Scofidio +Renfro in collaboration with Rockwell Group
Total Area 200,000 sf

Work Example 7 Three Hart, US Main Tourist Attraction Thousand Islands, New York, Rated as No.1 Must Visit by TripAdvisor. Bronze and Copper

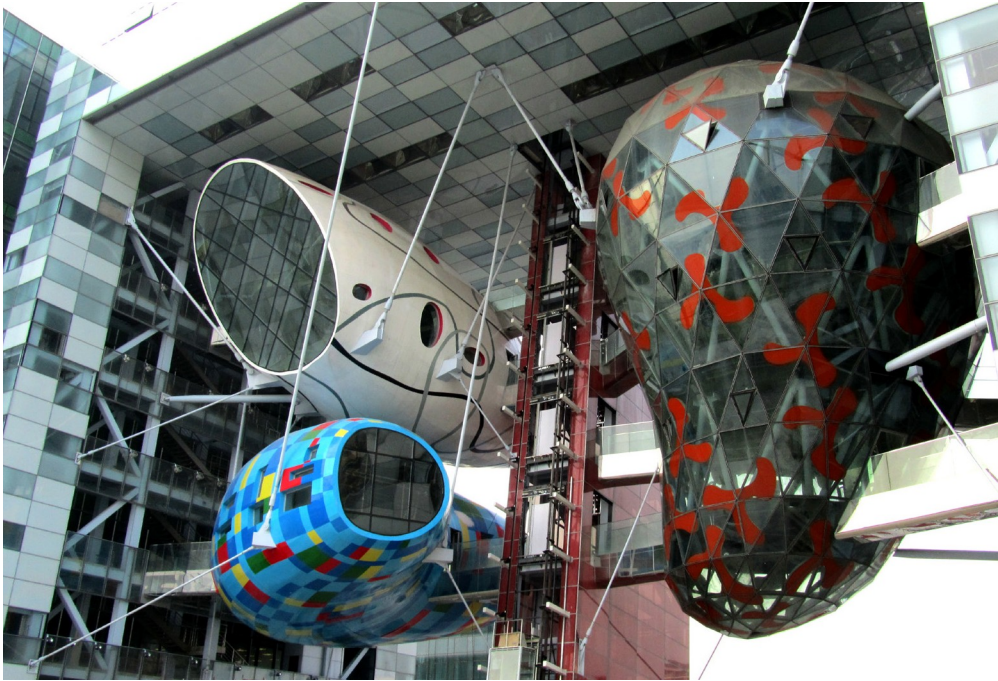


Three Hart, US tourist attraction Medium: bronze, copper Dimensions: 11' x 12' x 10' Price:\$100000.00 Year Completed: 2001
Location: New York rated as No.1 must visit in TripAdvisor. "Millions visitors to our facility have enjoyed their art, it has become a signature in the heart islands." ---Client, Thousand Islands Bridge Authority.

Work Example 8

Shanghai Winter Garden

Shanghai, China

**Owner**

Shanghai Port International
Cruise Terminal Development
Co. Ltd.

Architect

Alsop Architects

Completion Date

2010

Construction Cost

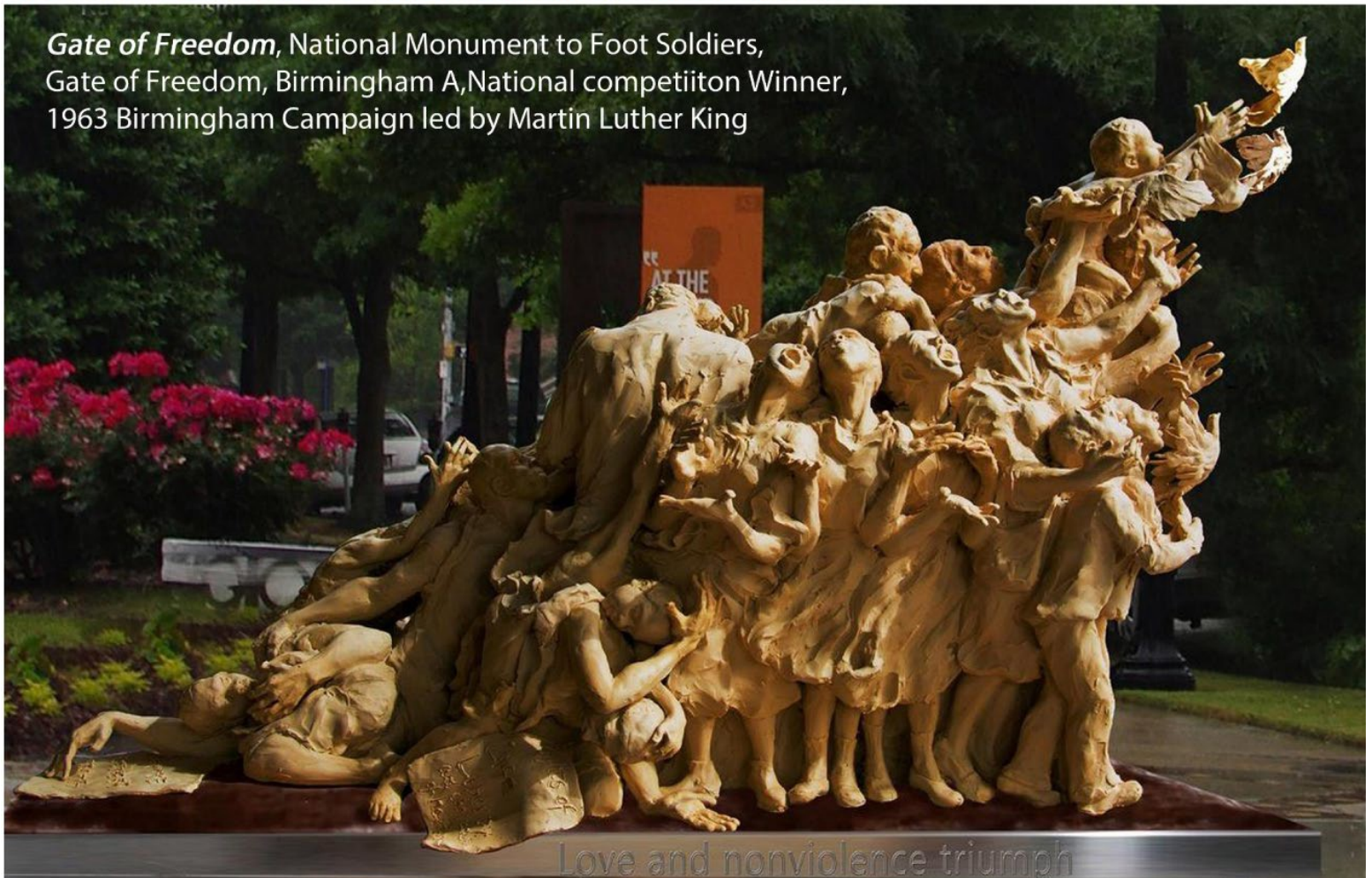
\$20 million

Weidlinger Associates, which merged with Thornton Tomasetti in September 2015, is designing a new winter garden in Shanghai that will be about 50 meters wide, 48 meters deep, and 45 meters high. Its three round pods are set under a main steel truss on both sides of a sloping central staircase. A long-span truss system supports the roof and glass facade, and footbridges connect all the pod levels to the main structure. The pods are hung under the main truss and over the vertical elements with suspender cable used more commonly by bridge engineers. Construction will be complicated by the pods' heavy self-weight and suspension. The main structure provides for a restaurant space, and the three pods are designed for bar, café and small conference use. The garden area provides a broad stage for artistic and cultural performances.

Work Example 9

National monument for foot soldiers for Kelly Ingram Park, Birmingham, AL

Gate of Freedom, National Monument to Foot Soldiers,
Gate of Freedom, Birmingham A, National competition Winner,
1963 Birmingham Campaign led by Martin Luther King



Gate of Freedom, National Monument to Foot soldiers, Birmingham, AL

Medium: cast stone

Dimensions: 30" x 30" x 30"

Budget: \$555000.00

Year Completed: 2016

Description:

In 2013 Gate of Freedom won an open national competition in USA for a major civil right movement foot soldiers monument, for Kelly Ingram Park, Birmingham, Alabama, The 1963 Birmingham civil right movement (Non Violent movement) changed America history forced the pass law of 1964 civil right act that outlaw discrimination based on race.

Work Example 10: Bas Relief Sustainable copper 2D vivid details tell inspiring story through text and images. “Shine the Light”, National Monument to Civil Right Icon Ida B. Wells at Capital Washington DC. Main Entrance, Ida B. Wells Middle School, Budget \$50,000, Installation, 9/23/2021 **Client, Capital DC DSG Percent Art Commission, “Thanks for the Timeless Masterpiece!”**

“This is perfect! Thank you for sharing your vision with us. Shine the Light is our Country’ gold, it will help putting racism behind us”--- Sandy Bellamy, Public Art manager, Capital DC DSG Percent For Art

(Description) NPR National Public Radio Report:

DUSTER(Ida’ GGrandDaughter): It's, like, a huge book. And it looks like Ida is walking out of the block with a lantern.

And at the bottom of the inside page of the book, it says the way to right wrongs is to turn the light of truth upon them, which is one of her really famous quotes.

KING: Michelle Duster hopes students who pass by that statue come away with one lesson.

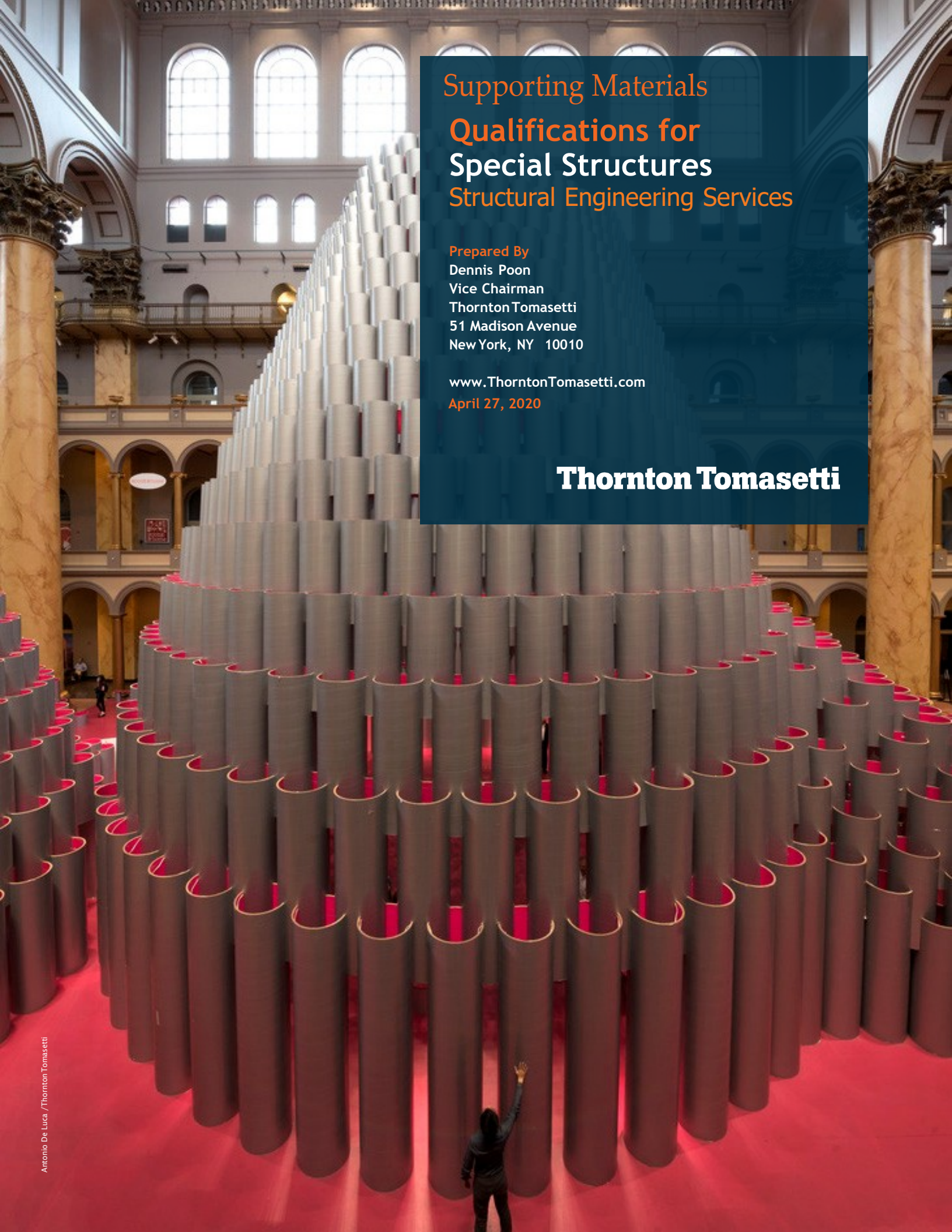
DUSTER: That one person can make a difference. Nobody should feel like they have to be like Ida. But they can feel that they can do something that she did in order to make an impact on their own environment in their own situation.



Civil Right Icon Ida B. Wells Honored in Nation' Capital



Title, *Shine the Light* Statue to Ida B. Wells Artist Ai Qiu Hopon Humanity Memorial Inc. www.aiqiuhopon.com



Supporting Materials Qualifications for Special Structures Structural Engineering Services

Prepared By
Dennis Poon
Vice Chairman
Thornton Tomasetti
51 Madison Avenue
New York, NY 10010

www.ThorntonTomasetti.com

April 27, 2020

Thornton Tomasetti

About Thornton Tomasetti

Thornton Tomasetti provides engineering design, investigation and analysis services to clients worldwide on projects of every size and level of complexity. Through our 10 complementary practices, Thornton Tomasetti addresses the full life cycle of a structure. Dating back to 1949, today we are a 1,500-person organization of engineers, architects, sustainability practitioners and support professionals collaborating from offices across the United States, Canada and in Asia-Pacific, Europe, Latin America and the Middle East. We are leaders in engineering innovation and aspire to be one of the most sustainable firms in our industry in the way we design our projects and in how we operate as a responsible business.



Thornton Tomasetti



Edward Carrion



Michael Cropper / Thornton Tomasetti

Structural Engineering

We collaborate with architects, owners and builders to design elegant solutions for projects of all types – from the tallest buildings and longest spans to inventive structures and expansions. We seek the best balance among the demands of form, function, sustainability, constructability, schedule and budget.

Construction Engineering

We work closely with designers, developers, contractors, fabricators and erectors to efficiently move a project from concept to close-out. Our services include integrated design and fabrication modeling, connection design, erection engineering, crane engineering, field engineering and site representation.

Façade Engineering

We apply our expertise in systems and materials to integrate façade and structural design in new buildings, renovations and recladding projects. We help solve design challenges, improve constructability, maximize efficiency and increase security. Through 3D parametric and building information modeling we can work with manufacturers to design, consult, engineer and install systems.

Sustainability

We partner to integrate green solutions into the planning, design, construction and operation of buildings to reduce their environmental impact. Our services include sustainable design strategies, energy analysis, green building certification consulting, sustainability analysis and upgrades for existing structures, and education and training.

Renewal

Our experts provide building owners with a wide range of envelope, structural, mechanical, electrical, plumbing and fire protection services. We conduct performance investigations, condition assessments, due diligence surveys, feasibility studies and peer reviews. We design repairs, renovations and alterations and oversee their execution.

Forensics

We assist attorneys, property managers, owners, contractors / manufacturers and design professionals with engineering and architectural forensic services. As design professionals, we evaluate for standard of care; as forensic specialists, we seek root cause; as problem solvers, we seek resolution. We provide reports, expert testimony, calculations / drawings and computer models and simulations.

Property Loss Consulting

We help insurers analyze pre- and post-loss risks and claims. Our architects, structural engineers and MEP experts provide investigation of damage including cause and origin analysis, engineering assessment for reinstatement of damaged buildings, building code upgrade analysis and specialized claim response. We also provide expert reports and testimony based on our investigations.

Applied Science

Our engineers and scientists apply technologies and expertise in solid and fluid dynamics, mechanics, materials, acoustics, stochastics, software development and computational simulation to engineer solutions to intractable problems. We perform research, development and design to manage risks to life and structures in buildings, infrastructure and vehicles.

Protective Design

We provide physical security analysis, advice and design to architects, owners, developers and public agencies. We assess vulnerability and provide balanced, economical mitigation. We collaborate to achieve solutions that deliver the required level of protection while upholding project aesthetic and budgetary goals.

Transportation

We provide analysis, design, inspection, evaluation, monitoring and rehabilitation for a variety of projects including aviation, bridge, waterfront, rail, intermodal, street and tunnel. Our expertise in structural, civil and geotechnical engineering supports client needs for both new and existing transportation structures.

National Building Museum, “Hive” Exhibit

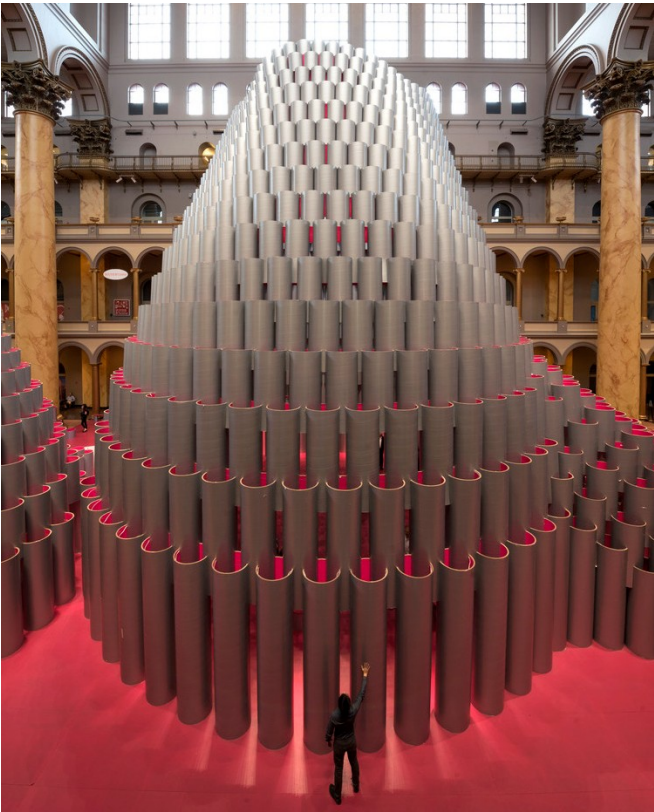
Washington, DC



Courtesy National Building Museum

“Hive” is a temporary installation designed by Studio Gang for the National Building Museum in Washington, D.C. The structure is composed of a series of interconnected, corbelled domes constructed almost entirely from wound paper tubes. The largest of these domes is 50 feet in diameter and 48 feet tall, while the tubes are on the scale of “sono-tubes” used to hold concrete in construction. Thornton Tomasetti provided structural design including form-finding, parametric modeling and finite element analysis.

This load-bearing structure follows the designs of traditional masonry domes; larger tubes exist at the base and decrease in size at higher elevations, and the tubes are laid in a “running bond” via slotted connections to provide stability and allow the tubes to act in unison.



Courtesy National Building Museum

The form, a revolved catenary arch, mitigates excessive thrust and large tension forces throughout the structure. In order to accurately predict the bearing stresses in the tubes, the project team created an intensive finite element model that did not use any simplifications of the structure. To do this, the team recreated a meshed version of Studio Gang’s model that had full continuity at the tube connections.

Thornton Tomasetti also participated in assembly mockups to validate the construction sequence, along with structural testing of a tube assembly to verify compressive stresses. Structural testing was performed by Columbia University’s Materials Lab.

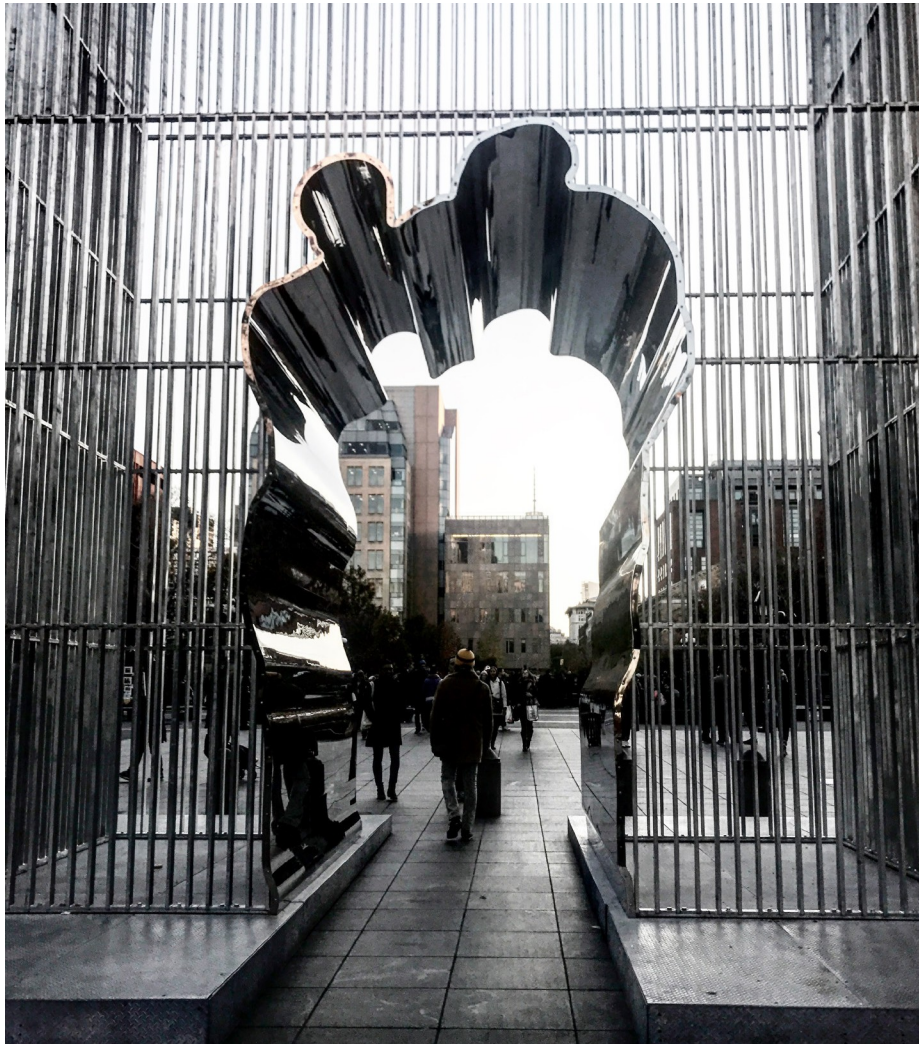
Owner	Total Area
National Building Museum	Oculus Diameter: >10 ft
Architect	Total Height
Studio Gang	48 ft
Completion Date	Services
2017	Structural Design



Courtesy National Building Museum

Good Fences Make Good Neighbors

New York, New York



Owner / Client
The Public Art Fund

Artist
Ai Weiwei

Completion Date
2017

Services
Structural Engineering

Lisa DeJoseph / Thornton Tomasetti

Inspired by the international migration crisis and current global geopolitical landscape, Ai Weiwei's 2017 exhibition utilizes variations on the theme of the security fence, transforming it into a powerful social and artistic symbol, in installations across New York City. The Public Art Fund notes that "each of the works will grow out of the existing urban infrastructure, using the fabric of the city as its base and drawing attention to the role of the fence in dividing people. In doing so, the artist highlights how this form, ubiquitous yet also potent, can alter how we perceive and relate to our environment." The artworks are complemented by banners featuring documentary images taken by the artist while researching refugee camps.

Thornton Tomasetti analyzed and designed the support structures for all of the installations. The largest pieces are the Gilded Cage at the Doris C. Freedman Plaza in Central Park, Arch in Washington Square Park and Circle Fence at the Unisphere in Flushing Meadows Corona Park. Smaller works were installed on rooftops and in between buildings throughout Manhattan, including 48 East 7th Street, 189 Chrystie Street, 248 Bowery, The Cooper Union, Essex St Market and a number of bus shelters.

The Commonground

Indianapolis, Indiana



Owner
Eskenazi Health Foundation

Client / Architect
Diller Scofidio + Renfro

Landscape Architect
OLIN
Land Collective

General Contractor
Gibraltar Construction

Completion Date
July 2014

Construction Cost
\$3 million

Total Area
13,000 sf

Services
Structural Design
Computational Modeling

Amy Barkow | BARKOW PHOTO

Thornton Tomasetti provided structural design and advanced computational modeling services through construction administration for a trellis canopy that serves as a hospital's signature entry pavilion. The unique canopy defines an open-air plaza that features a large lawn, a one-story café and garden community spaces. Thornton Tomasetti provided full construction drawings, a complete 3D digital BIM and fabrication centerline models, and supporting calculations by the end of the detail drawings phase.

The canopy is created by a system of perimeter beams forming four sections. In two sections, the perimeter beams are supported by cables connected to a tripod column within each section that hovers over the restaurant structure below. The perimeter beams in the two other sections are supported by a system of small rod elements that anchor to the foundation. All elements of the pavilion canopy – rod elements, perimeter beams and cables – provide a basis for climbing plants. By weaving together the structural system and plants, the distinction between traditional façade and landscape is blurred, creating a unique experience for visitors, patients and hospital staff.

Because very small rods were required to ensure plant growth, Thornton Tomasetti created a vierendeel truss and braced frame system, which provides lateral stability and maintains the design intent of the project. Located underneath one of the cable-covered cells, the café features a green roof and a column-free perimeter.



Elizabeth Wisecarver



Elizabeth Wisecarver

“Off The Cuff” Denim Canopy

Milan, Italy



Image courtesy of Diller Scofidio + Renfro

Thornton Tomasetti worked with Diller Scofidio + Renfro to develop a concept for a canopy constructed from a grid of denim jeans for a temporary installation in the Palazzo Litta courtyard for the 2017 Milan Design Week. The installation, titled “Off the Cuff”, featured a draped canopy spanning approximately 20 meters in each direction between a minimal frame structure.

The individual jeans within the canopy grid were connected at the waist and cuffs, and thin Kevlar rope running within the jeans was used for an erection aid and to provide supplemental structural support. The minimal steel base structure resolves all reaction forces internally so that there was no uplift ballast or connections to the historic plaza or adjacent building structure. A PVC foil above the denim grid was incorporated to provide rain shelter.

Thornton Tomasetti worked with local engineer and fabricator to develop a concept that could be economically fabricated and quickly erected within the confines of the existing courtyard. Due to the unconventional construction materials, laboratory testing was performed to confirm adequate strength of the denim materials and the connections that linked individual pairs of jeans together.

Owner / Client
Mosca Partners & DAMN° Magazine

Client / Architect
Diller Scofidio + Renfro

Contractor / Final Engineering
Maco Technology

Completion Date
2017

Total Area
450 square meters

Services
Structural Engineering

San Diego Zoo, Rex's Roar

San Diego, California



Owner

San Diego Zoo Global Foundation

Client / Fabricator

Artworks Foundry

Completion Date

2018

Total Length

36 ft

Construction Cost

\$1.7 million

Services

Structural Engineering

Awards

Best Projects Award, Cultural / Worship Category, ENR: Engineering News-Record, 2018

Steve Ratchye / Thornton Tomasetti

The San Diego Zoo's origin myth starts with a lion. After hearing a lion's roar amongst the caged animals left over from the 1915-16 Panama-California Exposition's exotic animals exhibition in Balboa Park, Dr. Harry Wegeforth felt inspired and subsequently founded the world-famous zoo. More than a hundred years later, this story has been immortalized with "Rex's Roar," the world's largest cantilever bronze animal statue. Thornton Tomasetti provided structural engineering services for the sculpture's structural steel skeleton and concrete foundation.

At more than 27 feet tall and weighing in excess of 18,000 pounds, Rex's Roar had to be securely positioned for the safety of patrons and zoo visitors. Numerous scale models were scanned and modeled from the original illustration before the final sculpture was created out of 200 bronze pieces welded together. The pieces were first 3D printed to create hollow ceramic-coated wax molds to cast the bronze. The lion was bolted to an 8,000-pound stainless steel skeleton consisting of a supportive spine and ribs, then anchored by a 100,000-pound concrete footing.

Besides the weight and size of the sculpture, San Diego is a highly seismic area, which presented additional challenges. The large bronze sculpture had to withstand large seismic vertical forces and torques, but no off-the-shelf piece of stainless steel of the right strength, stiffness and size fit inside Rex's leg. To solve the problem, a custom heavy tube welded from individual plates was used. Many connections between the stainless steel and bronze helped distribute the load and avoid

over-stressing the 3/16-inch-thick bronze. Additionally, the clip angle connections between the bronze and steel were checked for stresses resulting from differential thermal expansion to ensure that hot days wouldn't affect the structural stability of the sculpture.

BUCKYBALL

New York, New York



All Images: Vakaris Renetskis / ThorntonTomasetti

Thornton Tomasetti provided structural engineering consulting services for the 30-foot-tall light installation by artist Leo Villareal. Commissioned for the Madison Square Park Conservancy and their Mad. Sq. Art program, the sculpture comprised 180 LED tubes arranged in a series of hexagonal and pentagonal shapes known as a “fullerene,” a spherical representation of a molecule named after the architect and theorist Richard Buckminster Fuller who popularized the shape with his designs for geodesic domes.

The sculpture was designed and built to follow the New York City Building Code. To prevent park visitors from climbing the sculpture, it was elevated on a 10-foot-tall pedestal. Thornton Tomasetti recreated the geometry in Grasshopper and analyzed the sculpture’s weight and wind load in SAP to design all of the connections and cables that link the two concentric balls together and to the podium. Tube connections consist of top and bottom plates with through bolts in bearing.

Client
Leo Villareal, Artist

Services
Structural Engineering

Completion Date
October 2012



Spiral of Gratitude

San Francisco, California



Owner / Developer
San Francisco Arts
Commission

Artist
Shimon Attie

Completion Date
2014

Construction Cost
\$800,000

Services
Structural Engineering

Steve Ratchye / Thornton Tomasetti

Thornton Tomasetti is providing structural design services for a suspended glass well, which opens up to a skylight above. This glass well is part of a public art installation in the lobby of the new Public Safety Building in San Francisco. Thornton Tomasetti also inspected the manufacture of the steel components and the site installation. The work was designed by Shimon Attie, a well-known, American visual artist, in collaboration with associate artist Vale Bruck.

The well is a cylindrical glass structure, roughly 16 feet tall and nine feet in diameter. It is made up of four 90-degree laminated glass segments with a multilayer custom glass frit. The cylinder is inscribed with written expressions of gratitude and loss, gathered from surviving family members of fallen law enforcement personnel and crafted into a seamless, evocative poem.

The glass segments are connected through point fittings to an inner gimbal, which allows for restricted movement of the glass well. The outer gimbal is mounted to a pair of hanger beams, which are connected to the roof framing. Because of high earthquake activity in the San Francisco area, damped pivots for the gimbal were used when designing the structural glass for seismic loading.

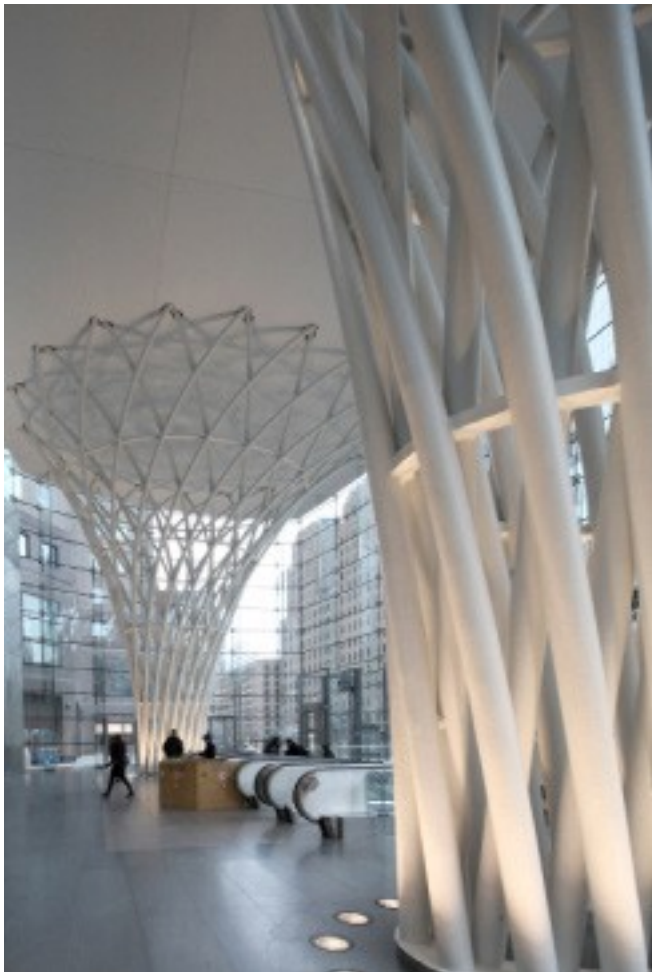


Brookfield Place Entry Pavilion

New York, NY



Bess Adler / Thornton Tomasetti



Bess Adler / Thornton Tomasetti

The Brookfield Place Entry Pavilion is the new entrance to the renovated World Financial Center. As part of the \$250 million expansion to improve and expand the retail and public spaces, the glass-enclosed pavilion is the new gateway for the unique waterfront complex and serves as the connector between the underground pedestrian passageway from the surrounding transportation hubs.

The new entrance was conceived as a clear glass box with minimal structural supports, acting as the new main entrance for the entire complex and making its public spaces and offices more accessible to pedestrian traffic. As the lead structural engineer for the project, Thornton Tomasetti designed the two 53-foot sculptural steel columns along with the remainder of the steel and concrete superstructure to support the 8,000-square-foot space.

The shape of the columns and their placement within the pavilion were influenced by complex site constraints. Located above the new passageway tunnel, an existing train tunnel relieving platform and a former pedestrian bridge pile cap, the supports for the entire structure had to be focused to only two points of contact underground. The site constraints guided the design team toward the idea of two funnel-shaped columns that grow from small footprints at the foundation to support the large roof. The architect's vision for the sculptural columns consisted of continuous pipes woven together in a basket-like fashion. Thornton Tomasetti collaborated closely with the architect and the steel contractor to develop connection details with a seamless finished appearance.

Owner
Brookfield Office Properties

Architects
Pelli Clarke Pelli Architects
Spector Group

Completion Date
September 2013

Construction Cost
\$40 million

Total Area
8,000 sf

Services
Structural Engineering

Awards
Excellence in Structural Engineering, Structural Engineers Association of New York, 2014

Merit Award, Office/Retail/Mixed-Use Project, Engineering News-Record New York, 2014

Merit Award, Category \$15 million to \$75 million, American Institute of Steel Construction (AISC) IDEAS2 Award, 2014

Platinum Award in Structural Systems, ACEC New York, 2014

● **Humanity Memorial Inc. Team**

References

Professional REFERENCES with current contact information

1. Sandy Irle, President Blind Boone Park Renovation Group

Phone: 660 747 3268

Blind Boone Park Renovation Group Email : irle@towerns.net

Project: Bronze John Willian “Blind” Boone, installed in Blind Boone Park

2. Robert G. Horr , Executive Director, Thousand Islands Bridge Authority

PO Box

428

43530 Interstate 81 Alexandria Bay, NY 13607 Email roberthorr@tibridge.com

Phone: 315-4822501 Fax: 315-482-6064

Project: Three Hart Deer Sculpture for entry arch at Boldt Castle , Thousand Islands, New York,
US Major Tourist Attraction

3. Janay Tieken, City of McKinney Arts Commission

Phone: 972 547 7572

Email: Jtieken@mckinneytexas.org

Project: Unity Arch, Downtown McKinney Texas

Three Hart, Thousand Islands, New York, US Major Tourist Attraction



Letter of recommendation, David Gordon Memorial Project, Washington DC

Dear Art Selection Committee:

It is my pleasure to enthusiastically support Ms. Ai Qiu Hopen's candidacy to become the sculptor for your project. After our oldest son, David, was killed at the age of 7, in an ATV accident, Ms. Hopen created a statue of David and his three siblings. Ms. Hopen and her team installed the statue on a hillside overlooking a pond and woods in our garden. The statue embodies our family's vow to keep David's memory a powerful part of our everyday lives. It portrays one of our favorite memories-the magic of wonder and discovery David experienced exploring J.R. Ding Darling Wildlife Refuge on Sanibel Island with his younger sister, Beverly. The statue, which faces the woods, was also intended to convey the anticipation of setting off an adventure-a metaphor for our wish that David's existence continues in some happy way in an afterlife. In addition, the statues captured the likeness of our children but were quite complex. This may sound like hyperbole, but in a sense they reminded me of Michelangelo's statue of

David in the way they presented different emotional aspects of the children when viewed from different angles. I believe Ms. Hopen would be an excellent fit and produce a highly compelling and emotionally evocative artwork for you. Ms. Hopen infuses scene with energy, hope and love. It is spiritual in the best way, joyous might be the right word, but not denominational. Moreover, Ms. Hopen was upbeat and delightful to work with. She was flexible and highly amenable to feedback. She was a perfectionist in the best sort of way. The statue was installed in our garden efficiently and has aged flawlessly without any maintenance. In summary, I believe Ms. Hopen is highly talented and motivated, has exceptional technical skills and experience as a sculptor and has unique gifts that give her work an auteur, magic, spirituality and compelling presence that is extremely rare, if not unique.



This is so beautiful! we are struck by the resemblance and emotions conveyed. Thank you so much
-----Lisa(David' Mother)

David with his twin brothers and his sister, his favorite bird Cardinal fly forward into future. David Gordon, who was killed in a vehicular accident at dusk on July 31, 2004. he was most eight at the time of his death. We remember the joy and happiness in his life as a child in their journey of healing.
2016. David Gordon Portrait Memorial, Washington, DC.
David Gordon Memorial Foundation



The Joyous Spirit of David with His Siblings

2016 David Gordon foundation Memorial group 4 life size figures, installed, Washington, DC.
David Gordon Memorial "You are Love You are Light" David mother Lisa gifted the title
Location: Washington, DC Media: Bronze Dimensions: 1.7 m x 2.9 m x 2 m Price: \$100,000.00

Sincerely and with best regards,

David and Lisa Daniel Author(David G Daniel), *"A Life Twice Given"*

Testimony: "The Sculpture exceeded our expectation for quality and beauty" -McKinney Arts commission



February 14, 2020

To Whom It May Concern:



The City of McKinney Arts Commission is pleased to provide this letter of support for the artist Ai Qui Hopen and her team at Humanity Memorial Inc. Ms. Hopen was the successful respondent for a nationwide sculpture RFQ for a sculpture in Mitchell Park in McKinney, Texas. The sculpture was installed in September 2019 and exceeded our expectations for beauty and quality. Ms. Hopen's team was very flexible, working with changing City schedules and priorities, while meeting overall project schedule. Ms. Hopen's team is knowledgeable and worked well with the City's engineering firm to ensure that the piers, base and design of the sculpture met or exceeded all City codes. In addition, the feedback on the sculpture has been overwhelmingly positive. It is a gathering place for all ages to play and take photographs!

In closing, it was a pleasure to work with the Hopens and their team. If you would like to visit our website <https://www.mckinneytexas.org/2044/Mitchell-Park-Sculpture>, you can find on information and pictures of the artwork. If I can be of further assistance, please feel free to contact me at the address or phone number below. My email address is: jtieken@mckinneytexas.org

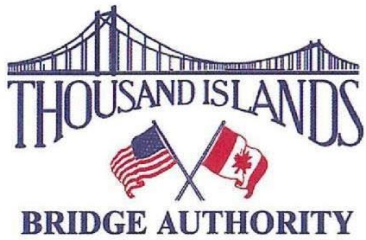
Sincerely,

A handwritten signature in blue ink that reads "Janay Tiekken".

Janay Tiekken
City of McKinney Arts Commission

Housing and Community Development Department

406 N. Tennessee Street • McKinney, Texas 75069 • 972-547-7572



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BRUCE ARMSTRONG
NATALIE KINLOCH
JACQUES E. PIGEON
PATRICK J. SIMPSON

ROBERT G. HERR, III
EXECUTIVE DIRECTOR

September 9, 2014

RE: Reference - Ai Qiu Hopen, Hopen Studio Inc.

To Whom It May Concern:

We are pleased to provide this letter of reference for Hopen Studio, Inc. They created a signature Hart Deer sculpture for our Entry Arch at Boldt Castle tourist attraction located in upstate New York. The project was completed in a timely manner and on budget. Hopen Studio exceeded our expectations with regard to quality of work. Millions of visitors to our facility have enjoyed their work and it has become a signature piece of sculpture on Heart Island.

In closing, it was a pleasure to work with the Hopens and when the need arises we will certainly use them again as our rehabilitation of Boldt Castle progresses. If you would like to visit our website you will see an array of photos of Boldt Castle including the Hart Deer sculpture on the Entry Arch at www.boldtcastle.com.

If I can be of further assistance, please feel free to contact me at the above address and telephone number. My email address is roberthorr@tibridge.com.

Sincerely,

Robert G. Horr, III
Executive Director



Budget Sheet anticipated costs Production Time: 3 months

Humanity Memorial Inc. Certificated Minority Women Owned Business

(Estimate for fabrication and materials, design and engineering, transportation, installation, artist fee, and other associated costs.)

Purchase of approx 1/2 plate steel	approx. \$11000.
welding rod, attachment compounds, finishes and Misc.....	\$8000.
CAD plasma cutting and Hydraulic rolling and bending.....	\$6000.
fabrication for birds.....	\$5000
Fabrication/Weld Assembly/Finishing.....	\$6000.
Travel, Installation team.....	\$3000.
2Million Liability Insurance.....	\$500.
Solar Lighting Design and Installation.....	\$500
Structure designing, engineering and constrution.....	\$4000
Artist Fee.....	\$6000
Budget for 20 to 25 Feet Tall Landmark.....	\$50,000

Guaranteed delivered on time, within budget, as specified. We will work with your budget.

Production time: 3 months from contract date.

Casting foundry: located in Colorado

Insurance: Our clients are covered, held harmless from liability, under our company's 2 million dollar liability insurance policy, we will secure a "named insured certification" for you, for the duration of our contract constructing and installing this artwork.

Main Contact: 1 304 765 5611 Messageofpeace8@mail.com Address: 269 Morrison, Sutton WV 26601 USA

Website: www.aiquihopen.com

Humanity Memorial Inc. Certificated Minority women own business firm

Proposal Castle Rock Pillars of Community Colors of Diversity



Castle Rock Pillars of Community

High visibility

24 Feet, vibrant colors represent the beauty of diversity

Reflect the stunning natural setting of Castle Rock and landscape.

Steel, copper

The same copper as Statue of Liberty made of.

Accessible

Welcoming, Unifying, Uplifting Symbols.

Castle Pillars of Community will beautify Town Hall Plaza, bring wonder and joy, the uplifting birds of diversity representing the soup of Castle Rock as a vibrant diverse community, the pillars of community evoke community pride and hope. Rich layers of interactive elements such as copper bas relief birds and seating, rock textures on the pillars reference to the landmark of Castle Rock, encourage fun and play, with option of wind chime installed between pillars, celebrating diversity as the chord of humanity. Iconic rising wings represent resilient soaring spirit of Castle Rock community as one unifying community, forever inspires unity, as the beacon of hope honor the essence of the Castle Rock people. As catalyst to enhance vibrancy drive local economy. Sustainable Copper, steel, best for your climate.