

**WILLIAM F. BAKER, PE, SE, FASCE,  
FIStructE, NAE, FREng**  
Partner, Structural Engineering



#### Education

University of Illinois, Master of Science in Civil Engineering, 1980  
University of Missouri, Bachelor of Science in Civil Engineering, 1975

#### Professional Registration

Registered Professional Engineer in Illinois, Alabama, Arizona, Arkansas, Colorado, Connecticut, District of Columbia, Delaware, Florida, Georgia, Indiana, Kansas, Kentucky, Louisiana, Massachusetts, Maryland, Maine, Michigan, Minnesota, Missouri, Mississippi, North Carolina, North Dakota, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Virginia, Vermont, Wisconsin, West Virginia, Wyoming  
Licensed Structural Engineer in Illinois, Arizona, California, Massachusetts and Nevada  
Licensed Civil Engineer in California, Nebraska, and Nevada  
Licensed Engineer in Alberta and British Columbia, Canada  
Chartered Engineer in the UK

William F. Baker is a Structural Engineering Partner for Skidmore, Owings & Merrill, LLP. Throughout his distinguished career, Bill has dedicated himself to structural innovation. His most well-known contribution has been to develop the “buttressed core” structural system for the Burj Khalifa, the world’s tallest man-made structure. While widely regarded for his work on supertall buildings, his expertise also extends to a wide variety of structures like the long-span Korean Air Lines Operations Hangar, GM Entry Pavilion and Millennium Park’s Jay Pritzker Pavilion and BP Pedestrian Bridge.

#### Select Projects

##### *Large-Scale Mixed-Use*

##### **Burj Khalifa**

##### **Dubai, United Arab Emirates**

A mixed-use super-tall tower comprising residential, commercial, hotel, and retail spaces; considered the World’s Tallest Building at 828 m, 2009

##### **Zifeng Tower**

##### **Nanjing, Jiangsu, China**

Master planning, architecture and engineering for a supertall (450 m) multi-use complex consisting of several buildings resting on two sites, 2008, Nanjing, China

##### **Plaza Rakyat**

##### **Kuala Lumpur, Malaysia**

Proposed 6.6 million sf (613,000 sm) mixed-use development and transportation center including 77-story office tower, 1.7 million sf (158,000 sm) shopping center, 20-story, 415-room four-star hotel, 44-story, 315-unit service apartment, below-grade transportation terminal for 40 buses and 138 taxis, parking for 2,300 cars, 1999

##### **Lotte Super Tower**

##### **Seoul, South Korea**

Architecture for 550 m high tower located in southeastern Seoul, 2011

##### **Digital Media City**

##### **Seoul, South Korea**

725,000sm, 40-meter-tall mixed-use tower including offices, hotel, retail and residences, 2014

##### **Korea World Trade Center**

##### **Seoul, South Korea**

Expansion of 6.5 million sf (604,000 sm) mixed-use complex including convention and exhibition center, 41-story, 1.2 million sf (110,200 sm) office building, 667-room luxury hotel, 2-story below grade retail mall and urban entertainment complex, and 3-level parking for 3,450 cars and buses, 2000

##### **The Address - Skyview**

##### **Dubai, United Arab Emirates**

Architecture and engineering services for a twin-tower mixed-use development including luxury hotel, apartments and a bridge that connects the two towers, housing multi-purpose event space and providing panoramic views, Ongoing

##### **Nozul Lusail Marina**

##### **Doha, Qatar**

25-story mixed-use tower directly adjacent to the Persian Gulf, including both hotel and office components, creating a landmark tower for the Gulf Coast, 2016

##### **Four Seasons Hotel & Residences**

##### **Jeddah, Saudi Arabia**

Located one block east of the Corniche in Jeddah, the 213,000 sm development is comprised of a 5-star hotel with amenities, private residences, offices, and retail space, Ongoing

##### **DIAL Asset 13**

##### **Delhi, India**

7.7 acre mixed-use development near Delhi International Airport including 4 grade “A” hotels and service apartments, convention center and country club, 2012

##### **7 South Dearborn**

##### **Chicago, Illinois**

Concept design and engineering for proposed 110-story office, retail and residential tower, 2002

##### **Chicago World Trade Center**

##### **Chicago, Illinois**

Proposed 169-story multi-use complex, 1981

##### **GM Renaissance Center**

##### **Detroit, Michigan**

Master plan and remodeling for corporate occupancy of 5.5 million sf (511,000 sm) mixed-use development including office facilities, hotel, retail, museum and parking, 2003

**Downtown Fargo Project  
Fargo, North Dakota**

A multi-use space that accommodates retail, residential, parking, office, and civic space built on the U.S. Bank plaza and surface parking lot, Ongoing

**100 Mount Street  
Sydney, Australia**

Large scale mixed-use tower including ground level retail, efficient and flexible office space and amenities with a minimal footprint that maximizes build-able area and includes significant sustainable design elements. The tower will serve as a significant landmark for the North Sydney CBD, 2011

**Broadgate**

**Liverpool Station, London, UK**

Master plan, architecture and engineering for 4 million sf (371,700 sm) commercial mixed-use development with office, retail, park, railway station and infrastructure development, 1987-1992

**New Providence Wharf  
London, UK**

Architectural design and planning for mixed use residential, hotel and office development, 1,800,000 sf (170,000 sm), 2003

**Polestar**

**Gothenburg, Sweden**

At 230 meters, this supertall, mixed-use tower comprises residential, hotel, and commercial spaces, and will be Sweden's tallest building, 2019

**OKO Tower**

**Moscow, Russia**

Architecture, structural, MEP engineering and public space interior design services for 430,000 sm mixed-use development comprised of office and residential components, Ongoing

**Belgrade Kula Tower**

**Belgrade, Serbia**

216 m mixed-use super-tall landmark tower located in the Belgrade Waterfront District with a hotel, residential units, a top floor restaurant and an observation deck overlooking the Sava River, Ongoing

*Corporate/Commercial*

**555 West Monroe  
Chicago, Illinois**

450,000 sf office building, also the corporate headquarters for Quaker, 2002

**USG Building  
Chicago, Illinois**

35-story office tower and regional headquarters, 1 million sf (92,900 sm), 1992

**One North Franklin  
Chicago, Illinois**

35-story high-rise office, 700,000 sf (65,100 sm) utilizing a reinforced concrete shear wall system and a structural steel gravity perimeter system, 1991

**AT&T Corporate Center**

**Chicago, Illinois, United States**

63-story office tower and regional corporate headquarters, 1.7 million sf (162,600 sm), 1990

**303 West Madison**

**Chicago, Illinois**

28-story office tower, 400,000 sf (37,200 sm), 1988

**One Financial Place**

**Chicago, Illinois**

40-story office building, METRA LaSalle Street Station and Midwest Stock Exchange, 1985

**Spiegel Corporate Headquarters**

**Downers Grove, Illinois**

Structural steel 12-story office tower and national headquarters, 640,000 sf (59,500 sm), 1992

**Roche Diagnostics TVBI Phase Two**

**Indianapolis, Indiana**

Two-story addition to the Phase One building containing approximately 61,500 square feet of office and training spaces expands upon many of the sustainable design strategies and innovative workplace solutions in the Phase One building, Ongoing

**Roche Diagnostics TVBI Phase One**

**Indianapolis, Indiana**

90,000 sf education and training center located at the gateway of a large, existing pharmaceutical campus, 2014

**Metropolitan Financial Corporation**

**Mayfield Heights, Ohio**

Design of new 7-story, 200,000 sf headquarters building, 2000

**Professional Affiliations**

Fellow, American Society of Civil Engineers (ASCE)

Fellow, Institution of Structural Engineers (IStructE)

Fellow, Royal Academy of Engineering (FREng)

American Concrete Institute (ACI)

American Institute of Steel Construction (AISC)

Council on Tall Buildings and Urban Habitat (CTBUH), Trustee

Earthquake Engineering Research Institute (EERI)

International Association for Bridge and Structural Engineering (IABSE)

International Association for Shell and Spatial Structures (IASS)

National Council of Examiners for Engineering and Surveying (NCEES)

National Academy of Engineering (NAE)

Structural Engineers Association of Illinois (SEAOI)

Structural Engineers Association of New York (SEAONY)

Structural Engineers Association of Northern California (SEAONC)

Structural Stability Research Council (SSRC)

University of Illinois President's Council

**Professional Awards**

2011, ASCE Outstanding Projects and Leaders (OPAL) Lifetime Award for Design

2010, Gold Medal, Institution of Structural Engineers

2009, Fritz Leonhardt Prize, Germany

2008, Fazlur Rahman Khan Medal, Council on Tall Buildings and Urban Habitat

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**7 Tower Bridge  
Conshohocken, Pennsylvania**

Architectural, structural and interior shell and core design for a 10-story, 250,000 gsf office building above a four story 800 car parking garage located on the banks of the Schuylkill River, 2009

**Stonegate Common Suburban Office  
Development  
Calgary, Canada**

Winning design competition for 2 million sf of low-rise office and mixed-use commercial development with a new light rail station connecting the city and airport, Ongoing

**Manulife Office Building Development  
Calgary, Canada**

Architecture and structural engineering for an office building designed to be sensitive to the city and responsive to environmental conditions, while maximizing a leasable and efficient office area. The project provides a connection to the Plus 15 pedestrian walkway system and includes a public plaza, covered arcade, and cultural spaces, Ongoing

**Banco Nacional de Panama  
Panama City, Panama**

186,016 sm, 69-story office tower, Ongoing

**BankBoston Headquarters  
Sao Paulo, Brazil**

30-story, 845,000 sf (78,500 sm) international headquarters for BankBoston, 2000

**Hamilton House  
London, UK**

Architecture and structural engineering services for 150,000 sf (14,000 sm) office building, Ongoing

**201 Bishopsgate / Broadgate Tower  
London, UK**

Approximately 1,100,000 sf commercial office development over a rail yard in the Broadgate Estate. Includes a 35-story office tower and 12-story low rise, 2008

**Broadgate Phase 11, Exchange House  
London, UK**

600,000 sf (56,000 sm) office building with heroic 255-foot- (78- meter-) span arched building over railroad air rights at Liverpool Street Station; exterior arches are completely exposed on building periphery, 1990

**JTI Headquarters  
Geneva, Switzerland**

Architecture, structural engineering and interior design services for 25,000 sm, 9-story landmark office building, 2013

**Russia Tower  
Moscow, Russia**

Concept design for 125-story, high-rise office tower, 1996

**ARB Bank Headquarters  
Riyadh Saudi Arabia**

Architecture and interior design for bank headquarters conceived as a series of earth-forms within an active farmland that will change with seasons, 2009

**Citibank Headquarters  
Manama, Bahrain**

10-story corporate headquarters including offices, a data center, treasury, telecommunications, cash management, project finance operations, and financial control, 2000

**Qatar Petroleum  
Doha, Qatar**

Architecture and structural engineering for a corporate headquarters including office, training, recreation, and conference center facilities, 2011

**Mashreq Bank Headquarters  
Dubai, United Arab Emirates**

Architecture, interior design and engineering for 430,000 sf corporate headquarters, 2016

**Rolex Tower  
Dubai, United Arab Emirates**

61-story mixed-use project consisting of market-rate rental apartment units, office, commercial and retail space with a 12-story detached parking structure, 2010

**Kia Tower Design Competition  
Seoul, South Korea**

Architectural, structural and MEP engineering for a 540 meter, 207,567gsm corporate headquarters, 2010

*Residential*

**401 N. Wabash  
Chicago, Illinois**

Architectural design and structural engineering for 2.6 million sf, 92-story (1,361 ft) mixed use tower comprised of luxury residential, hotel, health club, retail, parking and riverfront park on prominent site along the Chicago River, 2008

**Timber Design Research & Innovation  
Chicago, Illinois**

Structural engineering for a 42-story residential tower that is a sustainable solution for developing tall building structural systems that minimize embodied carbon footprints, 2014

**Montgomery Ward Renovation  
Chicago, Illinois**

600,000 sf conversion of former headquarters into residential use reinvents the 1970 era 26-story tower. Includes wide range of unit types, retail space and an enhanced entry sequence

**Minto YE  
Toronto, Ontario**

Architectural design and engineering for residential complex with civic court, townhouses and two towers, 2003

**Colpatría Residential Tower  
Bogotá, Colombia**

A unique, sustainable 39-unit residential development built to maximize potential views from the site both to the mountains and to the city, 2015

**Manhattan Loft Gardens  
London, UK**

7-story hotel and 36-story residential tower, Ongoing

**MAG Residences  
Dubai, United Arab Emirates**

100m tall luxury residential tower and office/retail center located in downtown Dubai, MAG Headquarters, rooftop pool and 65 high end units plus amenities, 2014

**Cayan Tower  
Dubai, United Arab Emirates**

Architecture, Civil Engineering, Mechanical, Electrical and Plumbing Engineering, Landscape, Structural Engineering for a 73-story (307 m) residential tower with 456 units, outdoor pool, health spa, gym, conference centers, lounges, child care center, and retail at street level, 2012

**Tower Palace III  
Seoul, Korea**

73-story, 2-million sf residential tower for the Samsung Group, 2003

*Hospitality*

**Riverport Casino Center  
Maryland Heights, Missouri**

Master planning, architectural and engineering design services for riverboat casino complex including entertainment facilities, a 300-room hotel, parking, and surrounding site improvements, 1997

**COEX International Hotel  
Seoul, Korea**

29-story component of the Korean World Trade Center. The hotel is comprised of 650 guest rooms, a health club, a ballroom, meeting rooms, a wedding chapel, conference and business centers, retail space, restaurants and parking for 600 cars. Hotel facilities are directly linked with the new convention center, 2000

*Education*

**Clemson University - School of  
Architecture  
Clemson, South Carolina**

Structural engineering for 56,255 sf academic building (Thomas Phifer: architect), 2012

**University of North Carolina Genome  
Science Laboratory Building  
Chapel Hill, North Carolina**

Genome science research laboratory, renovations for 16,000-ton chiller plant, 740-car parking deck, classrooms, campus planning and infrastructure upgrade, 210,000 gsf, 2011

**Rice University Turrell Skyspace  
Houston, Texas**

Structural engineering for a permanent outdoor experiential art installation consisting of an outdoor roof atop a two-level, below-ground viewing gallery, 2012

**Washington University Psychology  
Building Laboratory and Animal Facility  
St. Louis, Missouri**

Department of Psychology, 100,000 sf (9,300 sm), 1996

**Kuwait Police Academy  
Kuwait City, Kuwait**

College campus for the security forces of Kuwait. The facility is situated on 75 acres of land and will serve 1,200 students. The new campus will be used for training officers while the existing campus will serve as the soldier's and sergeant's training facility, 2000

*Civic/Government*

**GSA SFO #06-020 Office Building  
Denver, Colorado**

4-story, 200,000 sf, LEED Certified office building with a campus-style design and enclosed interior courtyards, 2009

**NATO Headquarters  
Brussels, Belgium**

Architecture, interior design and structural engineering services for 172,000 sm of offices, conferencing and recreational facilities, which will be used for the accommodation of the 26 member countries, 2010

**United Nations of Geneva (UNOG)  
Geneva, Switzerland**

In-depth programming and interior design services for the UN's 2.3 million sf Geneva campus. Multi-year phased project to evaluate and renovate existing interior spaces and develop a new office building for the campus, Ongoing.

*Cultural*

**Millennium Park Pedestrian Bridge  
Chicago, Illinois**

Structural engineering design for pedestrian link across Columbus Drive by architect Frank O. Gehry, 2002

**Millennium Park Bandshell  
Chicago, Illinois**

Structural engineering design for bandshell designed by architect Frank O. Gehry, 2001

**Millennium Park  
Chicago, Illinois**

Master planning and architectural design for 16.5-acre performance park, including stage house, artistic support spaces, public park and multi-modal transit facility, 2000

**John Hancock Center Plaza  
Chicago, Illinois**

Design of a 12,750 sqft concourse plaza with a 54ft tall music venue pavilion at the SOM-designed John Hancock Center

**Holy Angels Church  
Chicago, Illinois**

Church with exposed structure, 1991

**Darwin D. Martin House Visitor's Center  
Buffalo, New York**

15,000 sf facility with classrooms and theater designed by architect Toshiko Mori for visitor's center at Frank Lloyd Wright designed residence, 2008

**Skyscraper Museum  
Battery Park City, New York**

5,000 square foot museum in Battery Park City to house artifacts and information on the design and construction of tall buildings, 2003

**Glenstone Museum  
Potomac, Maryland**

Structural engineering for expansion to existing museum with architect Thomas Phifer and Partners

**"Gravity is a Force to be Reckoned With", Massachusetts Museum of Contemporary Art  
North Adams, Massachusetts**

Structural engineering services in collaboration with artist Iñigo Manglano-Ovalle's modernist exhibit presenting a glass house challenging the idea of gravity, 2010

**North Carolina Museum of Art  
Raleigh, North Carolina**

Structural engineering for 75,000 sf expansion to the existing museum campus with Thomas Phifer and Partners architects, 2009

**Raspberry Island  
St. Paul, Minnesota**

Schubert Club Bandshell, collaboration with artist James Carpenter, 2002

*Convention/Exhibition*

**Silver State Arena  
Las Vegas, Nevada**

18,000-20,000 seat arena, multi-purpose use ranging from sporting events to concerts to theatrical presentations, Ongoing

**McCormick Place Exposition Centre  
North Expansion  
Chicago, Illinois**

2-story exposition center building, 1.8 million sf (167,300 sm), 1987

**Korea World Trade Center (COEX)  
Seoul, South Korea**

Expansion of 6.5 million sf mixed-use complex including convention/ exhibition center; 41-story, 1.2 million sf office building; 667-room luxury hotel; 2-story below grade retail mall and urban entertainment complex; and 3-level parking for 3,450 cars and buses, 2000

**Virginia Beach Convention Center  
Virginia Beach, Virginia**

Master planning and architectural design for a 516,522 sf facility which includes a 150,000 sf exhibit hall, a 30,000 sf ballroom and 25,000 sf of meeting space, 2007

**Panama City Convention and Expo  
Center Panama City, Panama**

Master planning and architectural design for a 50,000 SM convention and exhibition center, including meeting rooms, ballroom, exhibit space, theater and support spaces, Ongoing

**Sydney Convention Center Feasibility  
Study Sydney, Australia**

Architectural, urban design, and structural conceptual design study for development opportunities for the replacement of current convention facility with a new 140,000 sm convention and entertainment complex as part of the Laing O'Rourke Design-build proposal to the Sydney city government, 2012

*Healthcare*

**Jesse Brown Medical Center  
Chicago, Illinois**

200-bed inpatient expansion to the existing VA Westside Medical Center including new Departments for ICU, Surgery and Emergency Medicine. The 8-story, 240,000 sf building achieves a creative allocation of space, establishing a new entry sequence and clearly articulated wayfinding on the tight, urban site, 2007

**Mt. Sinai, School of Medicine  
New York, New York**

Architectural and engineering design services for 425,000 sf laboratory renovation and new research building, 2009

**Kings County Hospital Center  
Brooklyn, New York, 2003**

Phase II, Architecture and engineering design for a hospital facility on the Kings County Campus, new 234,000 sf, 7-story hospital and renovation of old facility

**Memorial Sloan Kettering  
New York, New York**

Architectural and engineering design services for 684,000 sf cancer center, 2003

**The Christ Hospital Master Plan  
Cincinnati, OH**

1.5 million sf master plan for the hospital campus that identifies and prioritizes sites for future expansion; Phase 1 South Expansion includes a 381,000 GSF Musculoskeletal Center, Parking Garages, Central Utility Plant and Siteworks, 2015, Cincinnati, OH

**Cleveland Clinic Weston Phase 1  
Development  
Weston, Florida**

45,000 SF Clinic Building: Neurological Clinic and Procedural Suite; Rehabilitation Gym; Multidisciplinary Infusion Suite; Cancer Clinic; Radiation Oncology, including 2 linear accelerators and capacity for 1 future linear accelerator. 2015

**Cleveland Clinic Weston Neurological  
Institute/Cancer Institute (NICI)  
Weston, Florida**

Phase one of the master plan for the Cleveland Clinic Weston campus. 145,000 sf clinic building prioritizes natural light and views and includes a neurological clinic and procedural suite, rehabilitation gym, infusion suite, cancer clinic, and a radiation oncology area, 2015

*Aviation/Transportation*

**Lake Calumet Airport  
Chicago, Illinois**

Construction feasibility study for third Chicago area airport, 1993

**Newark Airport, Continental Airlines  
Terminal C-3**

**2001, Newark, New Jersey**

Renovation of the existing terminal building; new construction including a concourse, 21 gates, a baggage handling facility and all air-side systems; and renovation and construction of new terminal roadway systems

**All Aboard Florida**

Architecture and planning for four intercity passenger rail stations and associated transit-oriented developments in Miami, Fort Lauderdale, West Palm Beach and Orlando, 2014

**Changi Airport, Terminal 3  
Changi, Singapore**

Full engineering services for 750,000 sf exposed steel roof, 2001

**KAL Operations Center  
Seoul, Korea**

Aircraft maintenance hangar and office building featuring a 300 foot x 600 foot (90 meter x 180 meter) clear span roof structure, Kimpo Airport, 1997

*Master Planning*

**MPEA Study  
Chicago, Illinois**

Master plan and design guidelines for expansion of convention center, retail arcade and stadium, 1990

**500 South La Salle  
Chicago, Illinois**

Feasibility study and preliminary design of a series of six buildings, 1990

**World Trade Center 9/11  
New York, New York**

Assessment of building damage and documentation of existing building structural drawings; assisted the Structural Engineers of New York City in organizing and coordinating a program for the structural engineering assessment of structures adjacent to the site and consulted with the four main general contractors assigned to the task of debris removal, 2001

**Barangaroo Central  
Sydney, Australia**

Urban design and master planning for the transformation of a 22 hectare vacant industrial harbor site on the high-visibility western edge of Sydney's signature bay. The evolving design for this strategic waterfront location combines civic, educational and recreational uses with spaces for living, work and leisure, Ongoing

*Retail*

**717 N. Michigan Ave  
Chicago, Illinois**

60,000 sf base building renovation for a retail development on Chicago's Magnificent Mile, with upgrades to enhance the building's sustainable design features and provide flexibility for the next generation of retail tenants, Ongoing

*Landmark Renovation*

**Sears Tower Revitalization Project  
Chicago, Illinois**

New entrances and revisions of circulation and retail space, 1985

*China Projects*

**China World Trade Center  
Beijing, China**

Large-scale, mixed-use complex won in design competition. Totaling 280,000 sm, the project is anchored by a 300m high super-tall tower. This icon will be the tallest building in the city and the centerpiece of Beijing's Central Business District

**Beijing Aonan Shidai Olympic Park  
Southern Area Parcel #3, #4 and #5  
Mixed Use Development**

**Beijing, China**

Architecture, structural and MEP engineering for 372,196 sm mixed use development to comprise office and retail, Ongoing

**Beijing CBD Parcel Z13  
Beijing, China**

Architecture, mechanical engineering, and structural engineering services for a 39 story, 120,000 sm office tower with ground and mezzanine level retail

**Chemsunny Plaza  
Beijing, China**

Architecture, structural, civil, mechanical, electrical, plumbing, and project management for the conceptual, schematic, and design development phases of the new 1.8 million sf Chemsunny Plaza Corporate Headquarters for Sinochem, 2008

**Beijing CBD Z-9  
Beijing, China**

Architectural, Mechanical Engineering and Structural Engineering services for a 216 meter, 46 story tower in the heart of the CBD District of Beijing. The 120,000 SM tower sits on a 7,410 SM site and consists exclusively of office with an associated three story retail and lobby podium. The 6 story basement contains additional retail and district-wide parking, Ongoing

**Beijing CBD Core Area Parcel Z-10  
Beijing, China**

Architectural, Mechanical Engineering and Structural Engineering services for a 360 meter, 74 story tower in the heart of the CBD District of Beijing. The 150,000 SM program sits on an 8,460 SM site and consists of hotel, serviced apartments and office with a 4 story ballroom and retail podium. The 6 story basement contains additional retail and district-wide parking, Ongoing

**Chengdu Plot 7 & 8  
Chengdu, China**

Architecture, mechanical engineering and structural engineering for a 25,000 sm mixed-use development including two 42-story residential towers and a 28-story office building set on a four-story retail mall, Ongoing

**Ssiger International Plaza Phase II  
Cixi City, Zhejiang, China**

Architecture, structural engineering and MEP for the design of a 56-story, 200-meter building for the City of Cixi. Configured in plan as a trio of individual towers, the building massing facilitates views and reduces wind forces by creating large vertical openings in the building mass, 2011

**Ssiger Lake Front Project  
Cixi City, Zhejiang, China**

130,000 sm mixed-use development with hotel, service apartments and retail components, Ongoing

**Pearl River Tower  
Guangzhou, China**

Architecture, structural engineering, MEP engineering, sustainable design and landscaping for the 71-story CNTC Guangdong Tobacco Corporation headquarters. This 214,000 sm building proposes to be the first supertall tower to attempt to produce as much, or more, energy than it consumes. Every aspect of the 309-meter tower is designed to harvest wind and solar energy, 2010

**Pazhou Poly Village Redevelopment 4  
Guangzhou, China**

Master planning for a Class A mixed-use development including hotel, residential and commercial elements in addition to architectural and engineering services for a second mixed-use office tower, Ongoing

**Guiyang World Trade Center  
Guiyang, China**

A vibrant mixed-use development with 21 buildings offering SOHO, commercial and cultural amenities, located between the foothills of a mountainous landscape and the majestic bend of the Nanming River; includes a 380-meter landmark tower; 562,110 sm, Ongoing

**Kowloon MTR Tower  
Hong Kong, China**

Concept design and design brief for 4,300 sf (400 sm) tall, 2 million sf (188,000 sm) tower with offices and a five-star hotel, 1997

**Shandong Jinan Greenland Puli Gate  
Jinan, Shandong, China**

3.3 hectare site with 190,000 sm of mixed-use development including a 260-m tower, office and hotel functions

**Kunming Junfa Dongfeng Square  
Kunming, China**

Architecture, structural engineering, MEP engineering and interiors for a mixed-use development consisting of a 500m office and hotel tower and a 250m residential tower, Ongoing

**Greenland Nanchang Exhibition Center and Hotel  
Nanchang, China**

Architecture, engineering and interior design for 200,000 sm exhibition center including conference space, two hotels and supporting amenities, Ongoing



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**Nanchang International Fortune Center  
Nanchang, China**

206,500 sm, 310 m tall tower including office, luxury residential, 5-star hotel and commercial podium, 2011

**Greenland Nanchang Xiangshan South  
Road Parcel A, B and C Competition  
Nanchang, China**

1,200,000 sm urban redevelopment in the old Nanchang city center with office, hotel, retail and residential components, Ongoing

**Jiangxi Nanchang Greenland  
Zifeng Tower  
Nanchang, China**

Architecture, structural and MEP engineering for 268 meter tower with hotel, office and retail functions, 2015

**Nanjing Greenland Financial Center  
Nanjing, China**

Architectural design and engineering for 3.5 million sf mixed use super tall building including office, hotel service apartments and commercial functions, 2010

**Nanning Financial District Master Plan  
Guangxi, China**

Mixed-use development program with fixed design and program requirements, centered on a great central park connecting two major open spaces within the new district. Sophisticated ensemble of towers and podium buildings provide a Headquarters Base with a sense of place and high-value parcels, 2012

**Zhejiang Ningbo Yinfeng Mixed use  
Development  
Ningbo, China**

300,000 sm, 150-meter tall tower with mixed use development, includes office, hotel, retail and residential functions, 2013

**Ningbo Bank of China  
Ningbo, China**

90,000 sm, 200 meter tall headquarters building, 2012

**Ningbo Eastern New City Parcel  
A3-22/23/25  
Ningbo, Zhejiang, China**

400m landmark mixed-use tower, part of a development that includes two mid-rise residential towers, an office tower, and a retail podium located in the Ningbo Financial and business district, Ongoing

**Qingdao Deep Blue Center  
Qingdao, Shandong, China**

Architecture, structural engineering and MEP engineering for 180,000 sm mixed-use development comprising office, hotel, service apartments and retail, Ongoing

**North Bund Jingang Square  
Shanghai, China**

A "window to the city" by connecting the towers surrounding Jingang Plaza with the riverbank through reconfigured pedestrian routes. The site will become the focal point of the emerging North Bund District, Ongoing

**Jin Mao Tower  
Shanghai, China**

Architectural and engineering services for 88-story, 3 million sf (279,000 sm) multi-use complex including office, hotel and retail, 1998

**Shanghai Hua Mu Cultural  
Administrative District Parcel 10  
Shanghai, China**

Government arts center including auction house, museums (70-100 galleries), office for art evaluators and restoration experts and hotel, 2011

**Shanghai Yangpu District Pingliang  
Street Block 40  
Shanghai, China**

Architecture and master planning for a 100,000 sm mixed-use development that includes 4 towers, one main tower and 3 smaller towers, with office and retail components, located in Yangpu District, Ongoing

**Shanghai Poly Huangpu Riverfront  
Parcel 18  
Shanghai, China**

138,836 sm set of low-rise office buildings, 2012

**Shanghai Vanke South Station CBD  
Shanghai, China**

Master plan for new business district with Class A office space and retail center adjacent to a notable train station in Shanghai, Ongoing

**Shen Ye Upperrhills Mixed-Use Development - Class A Office & Luxury Hotel Complex  
Shenzhen, China**

Architecture and engineering for a mixed-use complex located on a prime site in the Futian District, including Class A office, Mandarin Oriental Hotel and associated below-grade auxiliary facilities, approximate 400,000 sm (4,310,000 sf), 2017

**Suzhou International Expo Center  
Suzhou, China**

Architectural design and engineering for a 2.8 million sf convention center and exhibition facility, 2006

**Roche Asia Manufacturing Facility  
Suzhou, China**

Eleven-building manufacturing campus on a 150,000 square meter site, located just outside the historic Chinese garden city of Suzhou, intended to be developed in two primary phases; total built area 436,000 sf, Ongoing

**Liansheng Financial Tower  
Taiyuan, China**

Architecture, structural, civil, MEP engineering and interior design services for a 992,400 sm mixed-use tower including office, retail, convention hall, hotel and service apartments, Ongoing

**Tianjin CTF Finance Centre  
Tianjin, China**

Architecture and structural engineering for 530 meter tower with 138,000 sm, 350-key 5-star hotel, 43,000 sm of serviced apartments, 52,000 sm of retail, 2016

**Tianjin Modern City  
Tianjin, China**

Architecture and Master Planning for a large-scale mixed use 627,150 sm development of four towers: office, hotel, service apartments and retail, Ongoing

**Wenzhou Lucheng Plaza  
Wenzhou, China**

Master planning and architecture services for a large waterfront site with a 160,000 sm landmark tower. The program of the tower includes a 5-star hotel, service apartments and Class 'A' office space, Ongoing

**Greenland Group Suzhou Center  
Wujiang, Jiangsu, China**

Architecture, structural, civil, MEP engineering and interior design services for a 358m supertall tower with high-efficiency components that will achieve a 60% savings in energy consumption, Ongoing

**Xi'an Yongwei Supertall Tower  
Xi'an, China**

Architectural, structural, and MEP design services for a 114,000sm, 200m high tower, including retail and office, Ongoing

**Zhengzhou Greenland Plaza  
Zhengzhou, China**

Architecture, interior design, civil, electrical, mechanical, plumbing and structural engineering for a new mixed-use development secured through an international competition. The 280 meter tower, including hotel, office, retail and entertainment, will be the tallest building in Western China, Ongoing

**Zhongshan International Exhibition Center and Trade Mart  
Zhongshan, China**

Architecture, electrical, mechanical, plumbing, civil, and structural engineering for a new town center complex including exhibition meeting space, administrative space, VIP suites, a central plant, building support areas, and a grand plaza accommodating civic celebrations, special events and outdoor exhibitions, 2008