



COMMERCIAL & CORPORATE





Commercial Experience

Positioning Our Clients for Success Through Efficient and Effective Design

Commercial Experience

Our commercial projects combine our passions and skills for distinctive architecture with effective planning and design. From new construction to historic preservation and renovations, from reuse and expansions to innovative corporate facilities, our commercial experience includes projects for private developers, civic and cultural organizations, and Fortune 500 companies, to name a few.

An Integrated Approach

Our integrated approach to design is both comprehensive and holistic. We take great pride in our ability to find unexpected solutions. We find opportunities to capitalize on each project's unique characteristics to accommodate the program and planning goals and objectives of our clients. This ability is grounded in our extensive experience and award-winning design talents.

SSOE has received over 90 design awards since 2005 in the architectural, interior design, and engineering markets across international and nationally acclaimed organizations of the most experienced judges, colleagues, and professionals in the A/E/C industry.





Impactful Designs

Creating Environments With a Lasting Impact on the Community

Enhancing the Experience

On January 1, 2021, Stevens & Wilkinson and idealspan, the firm's interior design studio, joined SSOE Group's national platform of award-winning engineers, architects and design professionals. As a combined firm, we now offer a range of integrated design services that incorporate smart design solutions with technical precision and timely delivery across 18 different offices in 3 countries.

About SSOE

With offices located throughout the Southeastern United States, SSOE prides ourselves on developing forward-thinking strategies for our client's culturally and socially significant projects. We couple strong design principles with emerging technologies to create sustainable environments that have a lasting and positive impact on our communities.

To date, we have worked on projects for clients in the government, education, healthcare, historic preservation, mixed-use, and adaptive reuse markets. As one of the largest full-service firms in the Southeast, we successfully approach each project with tailored design strategies. By working directly with you, we deliver solutions that are not only innovative, but unique.







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INTEGRATED DESIGN SERVICES

ARCHITECTURE

Basic Design Services

Architectural Design
Electrical Design
Mechanical Design
Structural Design
Civil Design

Supplemental Services

Building Programming
Existing Drawing Verification
Medical Equipment Planning

Value Management

Value Engineering
Life Cycle Costing
Energy Analysis

Interior Services

Interior Design Space Planning
+ Utilization Studies
Tenant Lease + Workletter
Consultation
Furniture + Equipment
Selection / Specification

Planning + Research

Building Analysis
Feasibility Studies
Cost-Benefit Analysis
Master Planning
Historic Structural Studies
Environmental Impact
Analysis
Land Development Studies
Zoning Studies

ENGINEERING

Mechanical

Chilled / Hot Water Systems
Heat Exchangers
Energy Recovery Systems
Dedicated Outside Air Systems
Chilled Beam
Underfloor Air Distribution
Humidifiers / Dehumidifiers
Air Orientation
Variable Refrigerant Flow
Water Source Heat Pump
Geothermal
PTAC < Split + Packaged DX

Structural

Structural Steel Design
Concrete Design
Masonry Design
Wood Design
Concrete Structure Rehabilitation
Existing Floor Capacity Analysis
Foundation Design
3D Space Frame Analysis

Plumbing

Domestic Cold / Hot Water
Sanitary Waste Vents
Storm Water
Laboratory / Chemical Waste
Reverse Osmosis + Deionized
Water Systems
Medical Gas / Vacuum
Compressed Air
Natural Gas

Electrical

Lighting Design & Analysis
Power Distribution System Design
& Analysis
Grounding Systems
Lighting Protection Systems
Fire Alarm Systems
Mass Notification Systems
Public Address Systems
Video Surveillance Systems
Access Control Systems
Telecommunications Systems

Fire Protection

Wet Pipe Sprinkler Systems
Dry Pipe Sprinkler Systems
Pre-Actions Systems
Fire Pumps
Standpipe and Hose Systems

Other Services

Building Systems Commissioning
Arc Flash Hazard Studies
Fault Current Studies
Overcurrent Protective Device
Coordination Studies
Thermographic Surveys
Energy Audits
Property Condition Assessment
Peer Reviews
Value Engineering



A rooftop terrace with artificial grass, string lights, and modern furniture. The terrace is furnished with several round tables covered in white cloths, each with a small floral arrangement. There are also lounge chairs with cushions, including one with a red and white patterned pillow. The terrace is bordered by a wooden railing and has a grey metal railing in the background. The sky is overcast, and the surrounding urban environment is visible in the distance.

Section A.1
Urban Mixed-Use





Market City Center

Chattanooga, Tennessee





FAST FACTS:

Size: 142,000 SF

Services: Architecture, Engineering,
Interior Design



Market City Center

Chattanooga, Tennessee

Considered one of the most important developments in Chattanooga by community leaders, the 10-story Market City Center – the tallest building constructed in the heart of downtown Chattanooga since the 1970s – includes 21,000 SF of ground-floor retail and restaurant space, 21,000 SF of office space, and 125 one and two-bedroom apartment units.

The site development includes open spaces, such as a luxurious outdoor rooftop area on the fourth floor, a state-of-the-art fitness center, and a clubhouse complete with a full kitchen and lounge seating. Additionally, the project is built to LEED® Certified™ Silver requirements.



335 West Ponce

Decatur, Georgia







FAST FACTS:

Size: 5-story mid-rise

Services: Architecture,
Programming



335 West Ponce

Decatur, Georgia

335 West Ponce project is a mixed-use, retail/residential development on an infill parcel located on downtown Decatur's Main Street. The interior spaces were designed in a modern style, while the exterior materials recall the mixed palette of buildings in the downtown area. Thoughtfully planned amenities evoke a sense of community for residents. These spaces include a pool area defined by a deep trellis visible from the street below and retail shops facing West Ponce de Leon Avenue.





123 Luckie Lofts

Atlanta, Georgia







FAST FACTS:

Size: 111,000 SF

Services: Architecture,
Programming

Design Awards:

Masonry Construction's Project
of the Year: Best Multi-Family
Housing Award

Atlanta Urban Design
Commission: Award of
Excellence for Urban Design



123 Luckie Lofts

Atlanta, Georgia

This six-story building includes 49 residential units over two levels of parking with accessory retail fronting Luckie Street, Cone Street and Spring Street. The design incorporates compatible building materials (brick and masonry) found in the Fairlie-Poplar Historic District in-fill site. Rooftop garden terraces provide sustainable design principles for the occupants by allowing them access to sun porches for growing plants and flowers with access to a park-like environments unique to urban development. This six-story building includes 49 residential units over two levels of parking with accessory retail fronting.





Centennial Park West Condominiums

Atlanta, Georgia





FAST FACTS:

Size: 248,000 SF

Services: Architecture, Interior Design, Programming



Centennial Park West

Atlanta, Georgia

In association with May and Pinska, our firm provided design services for this urban condominium development at Centennial Olympic Park. This Phase II component of the 5-acre mixed-use development is a nine-story, 97-unit complex, with a mix of one, two and three bedrooms units and several larger roof top penthouses.

The lower floors contain street level retail and professional office space, as well as underground parking for 175 cars. The lobby area has a secured entry and includes a drive-under porte cochere connecting lower level parking to the adjacent hotel, swimming pool and fitness center.





Section A.2

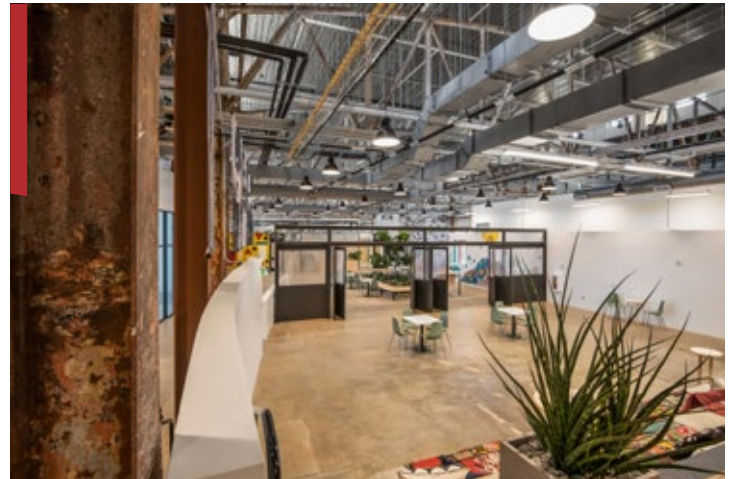
Urban Mixed-Use: Adaptive / Renovation



Pittsburgh Yards

Atlanta, Georgia







FAST FACTS:

Size: 63,000 SF

Services: Architecture, Engineering



Pittsburgh Yards

Atlanta, Georgia

Pittsburgh Yards bookends the southern edge of the Pittsburgh Neighborhood, creating opportunities for an equitable distribution of income, career development, and entrepreneurship for residents in the surrounding NPU-V neighborhoods. What is now a 30-acre development at 352 University Avenue, Pittsburgh Yards serves as a transitional conduit between the neighborhood streets and the interconnected activity of the Atlanta BeltLine's commercial and recreational traffic.





The Cigar Factory

Charleston, South Carolina





FAST FACTS:

Size: 230,000 SF

Services: Architecture, Engineering

Design Awards:

The National Trust for Historic Preservation: Preservation's Best of Year

The Preservation Society of Charleston: Carolopolis Award

Building Design + Construction (BD+C) Reconstruction Award: Annual Silver Award



The Cigar Factory

Charleston, South Carolina

Formerly the Charleston Cotton Mills, a Victorian industrial building originally built in 1882, was recently transformed into The Cigar Factory by SSOE.

Preservation and rehabilitation efforts focused on restoring the look of the building to its historic appearance while adapting the interior for contemporary usage.





Ebeid Institute for Population Health

Toledo, Ohio



PROMEDICA EBEID INSTITUTE

1806



Ebeid Institute for Population Health

Toledo, Ohio

SSOE provided architectural, interior design, mechanical, electrical, plumbing, and fire protection design services for the renovation of an existing four-story facility.

Located in Toledo's Uptown neighborhood and surrounding community, the team transformed the original building into an urban grocery market, with a teaching/demonstration kitchen space, and conference rooms for residents and local businesses. The renovation is a part of ProMedica's Ebeid Neighborhood Promise initiative.

The first floor of the building includes the grocery market, while the second floor has a residential-style teaching kitchen and flexible multi-purpose spaces that can be used for financial literacy classes, job assistance, and other community betterment classes. Additionally, the second floor also houses staff break rooms and office spaces. The renovation included the first and second-floor interior spaces and window replacements, as well as roofing repair work and was based on the renovation of 10,000 SF in a 20-week construction schedule.



FAST FACTS:

Size: 10,000 SF, 4-stories

Services: Architecture, Engineering, Interiors

Design Awards:

HUD Secretary's Opportunity & Empowerment Award - ProMedica's Ebeid Neighborhood Promise





A photograph of the Sweet Auburn Curb Market building in Atlanta, Georgia. The building is a two-story brick structure with a flat roof. On the roof, there are several pieces of equipment, including a large stainless steel pot and a white table. The word "MARKET" is visible on the brick wall. In the background, there are several tall skyscrapers, including the Bank of America Tower and the SunTrust Building. The sky is clear and blue. A large green tree is in the foreground on the right side. A red vertical line is on the left side of the text area.

Sweet Auburn Curb Market

Atlanta, Georgia

MARKET





FAST FACTS:

Size: 50,000 SF

Services: Architecture, Engineering

Design Awards:

Atlanta Urban Design Commission:
Award of Excellence

Associated General Contractors of
Georgia (AGCG) Build Georgia Awards:
First Place

AGCG Build Georgia Awards: Best
Sustainable Building Practices



Sweet Auburn Curb Market

Atlanta, Georgia

The Sweet Auburn Curb Market, originally established in 1918 as an open air shopping center, was established on land cleared by the Great Atlanta Fire of 1917. In 2011, this historical center was in critical need of capital improvements inside and out. J.M. Wilkerson Construction and SSOE teamed to successfully complete the 50,000 square foot historical Municipal Market renovation.





The Biltmore

Atlanta, Georgia





FAST FACTS:

Size: 250,000 SF

Services: Architecture, Programming

Design Awards:

Atlanta Urban Design Commission:
Award of Excellence for Adaptive
Reuse

The Biltmore

Atlanta, Georgia

Our firm provided design services for the redesign, rehabilitation and urban mixed-use for this grand landmark hotel into a corporate office building. The design involved the historic restoration of the portico, mezzanine, and ground floor lobby.

The main lobby, two grand ballrooms, with ante rooms, and the lower retail storefronts at the basement were renovated to reflect their original 1924 design.





The Flats at Ponce City Market

Atlanta, Georgia





FAST FACTS:

Size: 330,000 SF

Services: Architecture

Design Awards:

Atlanta Urban Land Institute: Atlanta Project of the Year



The Flats at Ponce City Market

Atlanta, Georgia

Ponce City Market restored 2.1 million SF of space, creating a vibrant urban centerpiece that combines 300,000 SF of retail and restaurant space, 450,000 SF of office space and 259 residential units.

The residential units are a mix of studio, one, two and three bedroom units with the option of a single or multi-level loft. The entire project cost is more than \$200,000,000.





805 Peachtree Lofts

Atlanta, Georgia





FAST FACTS:

Size: 320,000 SF

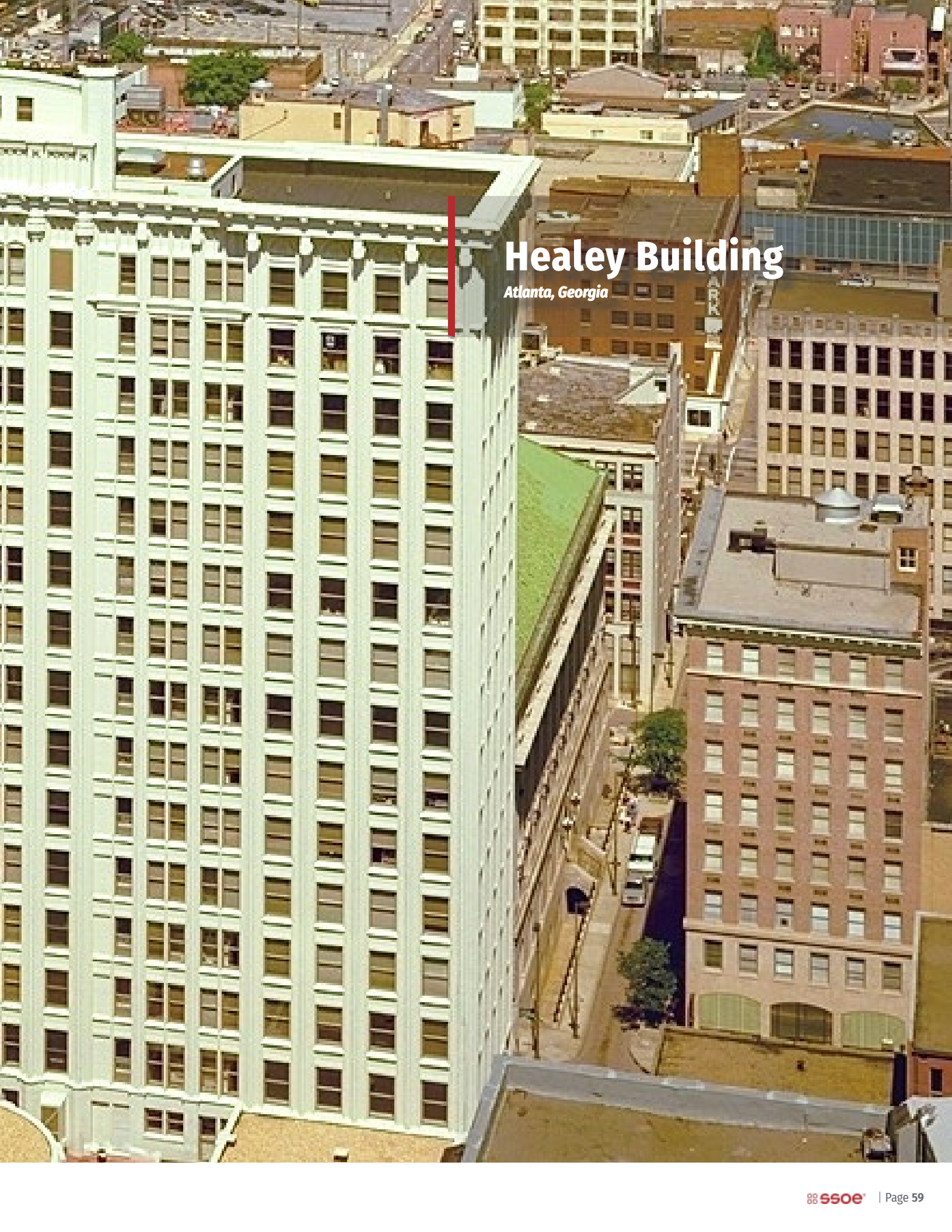
Services: Architecture, Programming,
Interior Design

805 Peachtree Lofts

Atlanta, Georgia

As part of an urban mixed-use project for a 1950's office building, SSOE helped convert this building into a 118-unit residential complex with ground floor retail. Renovations included adding two-story penthouses to the top floor with rooftop amenities, as well as renovations to the existing parking deck to include a pool and amenities deck on the top level.





Healey Building

Atlanta, Georgia





FAST FACTS:

Size: 230,000 SF 16-stories

Services: Architecture, Planning / Feasibility

Design Awards:

Atlanta Urban Design Commission: Award of Excellence for Adaptive Reuse

Georgia Trust: Outstanding Rehabilitation

National Park Service Certified Rehabilitation

Healey Building

Atlanta, Georgia

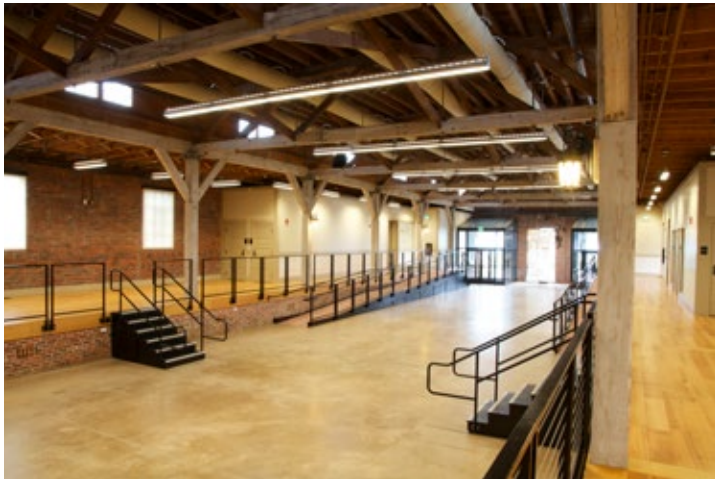
The Healey and William Oliver Buildings, located a block apart in Atlanta's original Central Business District, were both commissioned by members of the Healey family. These historic office towers were studied by SSOE ahead of the 1996 Atlanta Olympics, to determine if residential use would be an appropriate change of use, which it ultimately was. The Healey consists of an embellished terracotta facade, for which SSOE provided inspection and stabilization design. The restoration also included the central rotunda and arcade.

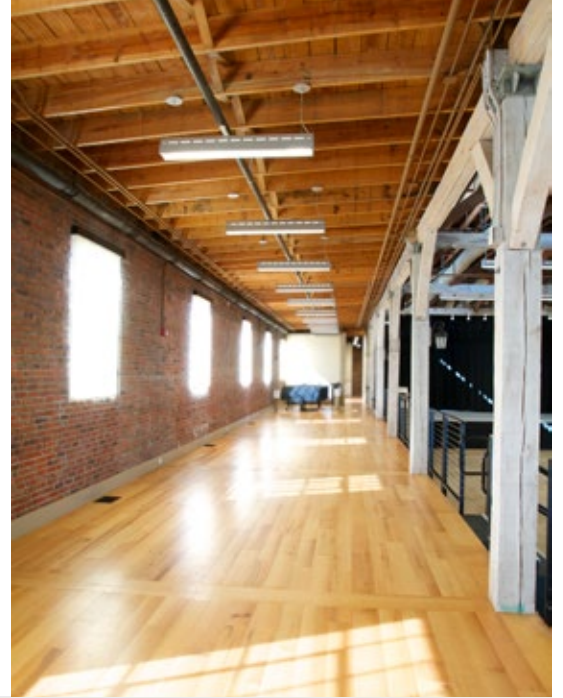


National Bean Market Museum + Village Green

Lake City, South Carolina







FAST FACTS:

Size: 12,000 SF

Services: Architecture, Engineering,
Interior Design



National Bean Market Museum + Village Green

Lake City, South Carolina

Originally built in 1936, and known as the world's largest truck auction of green beans, SSOE renovated the Bean Market to transform the building into a multi-functional public gathering space.

The new National Bean Market Museum, is listed on the National Register of Historic Places and is LEED certified by the U.S. Green Building Council.



A photograph of the Ragsdale Building, a long, single-story structure with a red brick facade. The building has a flat roof with a row of decorative light fixtures. In the foreground, there is a paved area with a covered walkway supported by metal posts. A blue golf cart is parked under the walkway, and two trash bins (one green, one pink) are nearby. A green tarp is draped over a section of the building. The background shows lush green trees under a clear blue sky.

Ragsdale Building

Lake City, South Carolina





FAST FACTS:

Size: 22,000 SF

Services: Architecture,
Engineering, Interior Design



Ragsdale Building

Lake City, South Carolina

The Ragsdale Building, also known as the The Rob, was built in the 1920's and used to be a former charcoal briquette warehouse.

The facility was renovated into a temporary exhibition venue for traveling art displays and is now considered the “go-to” venue for all large-scale events in Lake City.



Jones-Carter Art Gallery

Lake City, South Carolina







FAST FACTS:

Size: 3,000 SF

Services: Architecture,
Engineering, Interior Design



Jones-Carter Art Gallery

Lake City, South Carolina

To meet the needs of Artfields initial season, this recently abandoned warehouse, located in the heart of downtown Lake City, South Carolina, was renovated into a state-of-the-art flexible exhibition gallery and events space.





Ronald E. McNair Science Park

Lake City, South Carolina



Ronald E. McNair Science Park

Lake City, South Carolina

The design of the McNair Science Park creatively blends interior and exterior spaces into a holistic visitor experience which honors the achievement of Lake City's native son and inspires inquiry through immersing exhibits related to science and mathematics. The building's simple form and materiality - a fresh interpretation of the barn, warehouse or mill building - are derived from the agricultural traditions of the region.

The building's skin is expressed as a literal framework for teaching and learning about the life and times of Dr. Ronald E. McNair.

Major program components include exhibit space, classrooms and orientation theater, while amenities include a gift shop, café and outdoor gathering areas. The project incorporates McNair's tomb and an inscribed granite monument into the overall scheme.

Visitor arrival is visually connected with adjacent downtown cultural and civic venues located within walking distance. School groups are accommodated by a separate bus drop-off zone. Future expansion includes additional classroom, exhibit and community space on the eastern portion of the site to further expand and frame the public park in between.



FAST FACTS:

Size: 20,000 SF

Services: Architecture, Engineering







Section B.1

**Hospitality &
Entertainment**





Hilton Garden Inn Park Pavilion

Atlanta, Georgia





FAST FACTS:

Size: 480,000 SF

Services: Architecture, Engineering

Design Awards: Associated General Contractors of America, Georgia Branch: Build Georgia Award

Atlanta Regional: Exceptional Merit Award for Urban Revitalization



Hilton Garden Inn Park Pavilion

Atlanta, Georgia

In an effort to activate the street level retail experience of a five acre, mixed-use development, SSOE designed this 14-story, 242-room hotel as part of the Park Pavilion in Atlanta's Luckie Marietta District. The entertainment block also features a 700-car parking deck, 25,000 SF of retail at street level and a 6,000 square foot, Legal Sea Foods restaurant on the second level. Signature rooftop event space sits atop the building's prominent corner across from the Park and the Georgia Aquarium which is served by a glass enclosed, sidewalk elevator. Located adjacent to the Centennial Park District, this project anchors a prominent corner of this revitalized commercial district.



Embassy Suites

Centennial Olympic Park, Atlanta, Georgia







FAST FACTS:

Size: 22,000 SF

Services: Architecture, Engineering, Interior Design

Awards: Urban Land Institute Project of the Year Award

AIA Georgia Chapter Award of Excellence for the Institutional

Mid-Rise Category Urban Land Institute Project of the Year

AIA Georgia Chapter Award of Excellence for the Institutional Mid-Rise Category

Embassy Suites

Centennial Olympic Park, Atlanta, Georgia

In conjunction with the Centennial Park West Condominiums, Ruth's Chris Steak House and Park Deli, our firm, with May & Pinska, designed this prominent hotel in downtown Atlanta.

The 321 room, all-suites hotel was the first phase of a five-acre master planned development adjacent to Centennial Olympic Park. The hotel consists of a full height, eight-story interior atrium with retail and restaurant amenities fronting the streets and park.







Lawrenceville Performing Arts Center

Lawrenceville, Georgia





FAST FACTS:

Size: 50,000 SF; 525-seat mainstage theater

Services: Architecture, Engineering, Interior Design

Lawrenceville Performing Arts Center

Lawrenceville, Georgia

Located in the heart of the city's Historic Downtown District, this new performing arts venue features a contemporary yet respectful design including a new state-of-the-art 525-seat mainstage theatre, Cabaret theatre, office suites, and dedicated educational spaces for classes and practice. The new center also connects to the City's existing Aurora Theatre, a highly successful and thriving venue that has brought substantial economic growth to the area. The new Arts Center is currently one of the largest performing arts stages in the state of Georgia.





WH



551



WYLE HOTEL



Section B.2

**Hospitality &
Entertainment:
Adaptive / Renovation**





Wylie Hotel

Atlanta, Georgia





FAST FACTS:

Size:

55,000 SF, 100-key hotel

Services: Architecture



Wylie Hotel - 551 Ponce

Atlanta, Georgia

Originally built in the 1920s as a small ‘stop-over’ hotel and located along Downtown Atlanta’s early streetcar line, the team rehabilitated this certified historic building into a successful urban mixed-use property. Situated in Atlanta’s growing Old Fourth Ward, the 551 Ponce ‘Wylie’ Hotel features a vibrant neighborhood restaurant/bar and guestrooms that are now located in the original historic front portion of the building. At the rear, a new five-level addition adds 100 guestrooms to the boutique hotel above an under-building garage. Key features include a glass-enclosed front porch dining room addition and a second-floor roof terrace. Guestrooms on the fifth floor have private terraces overlooking Ponce City Market, located a half a block away.





The Kimpton Sylvan Hotel

Atlanta, Georgia





FAST FACTS:

Size: 150,000 SF, 216-key hotel

Services: Architecture

Design Award:

Atlanta Urban Design Commission:
Award of Excellence in Adaptive Use



The Kimpton Sylvan Hotel

Atlanta, Georgia

Our firm provided design services for the historic renovation and urban mixed-use for this certified rehabilitated historic property. The design involved reconfiguring the hotel rooms to closely align with the footprint of the original 1950's apartments.

The previous deck was expanded by converting an abandoned mechanical penthouse into a colorful bar venue with roll-top doors and sweeping views of the Atlanta skyline.





The Ellis Hotel

Atlanta, Georgia





FAST FACTS:

Size: 85,000 SF

Services: Architecture

Design Awards:

Atlanta Regional Commission (ARC):
Exceptional Merit Award for
Historic Preservation

ARC: Award of Excellence for
Historic Preservation

Central Atlanta Progress: Atlanta
Downtown Design Excellence Award



The Ellis Hotel

Atlanta, Georgia

Our design team completed the renovation design of this historic 1913 hotel in downtown Atlanta. The project revitalizes the once posh Hotel Winecoff into a boutique-style 127-room hotel.

Renovations included interior revitalization of floor plan, restoration of the exterior, storefronts and street facades and much more.



The Glenn Hotel

Atlanta, Georgia







FAST FACTS:

Size: 70,000 SF

Services: Architecture, Historic Consultation

Design Awards:

Associated General Contractors of America: Georgia Branch: Build Georgia Award Honorable Mention

The Georgia Trust: Georgia Preservation Award for Excellence in Rehabilitation

Urban Land Institute Atlanta: Excellence in Development Award

Atlanta Urban Design Commission: Award of Excellence

Atlanta Regional Commission: Exceptional Merit Award for Historic Preservation

Atlanta Business Chronicle: Best in Atlanta Real Estate Rehabilitation/Renovation Award

The Glenn Hotel

Atlanta, Georgia

Under the threat of demolition, Downtown Atlanta's 98-year-old+, 10-story building historic Glenn Office Building reopened as the cosmopolitan Glenn Hotel following extensive renovations. A roof-top patio bar with glass railings was added, taking advantage of the striking views of Midtown Atlanta to the north and Downtown Atlanta to the east.

All new systems were provided and windows were replaced with historically compatible, insulated units. A second exit stair was added by cutting through the existing slabs. The limestone and brick facades were cleaned and repointed.





Illuminarium
EXPERIENCES

Illuminarium
EXPERIENCES

Illuminarium Experiences

Atlanta, Georgia







FAST FACTS:

Size: 25,000 SF

Services: Architecture

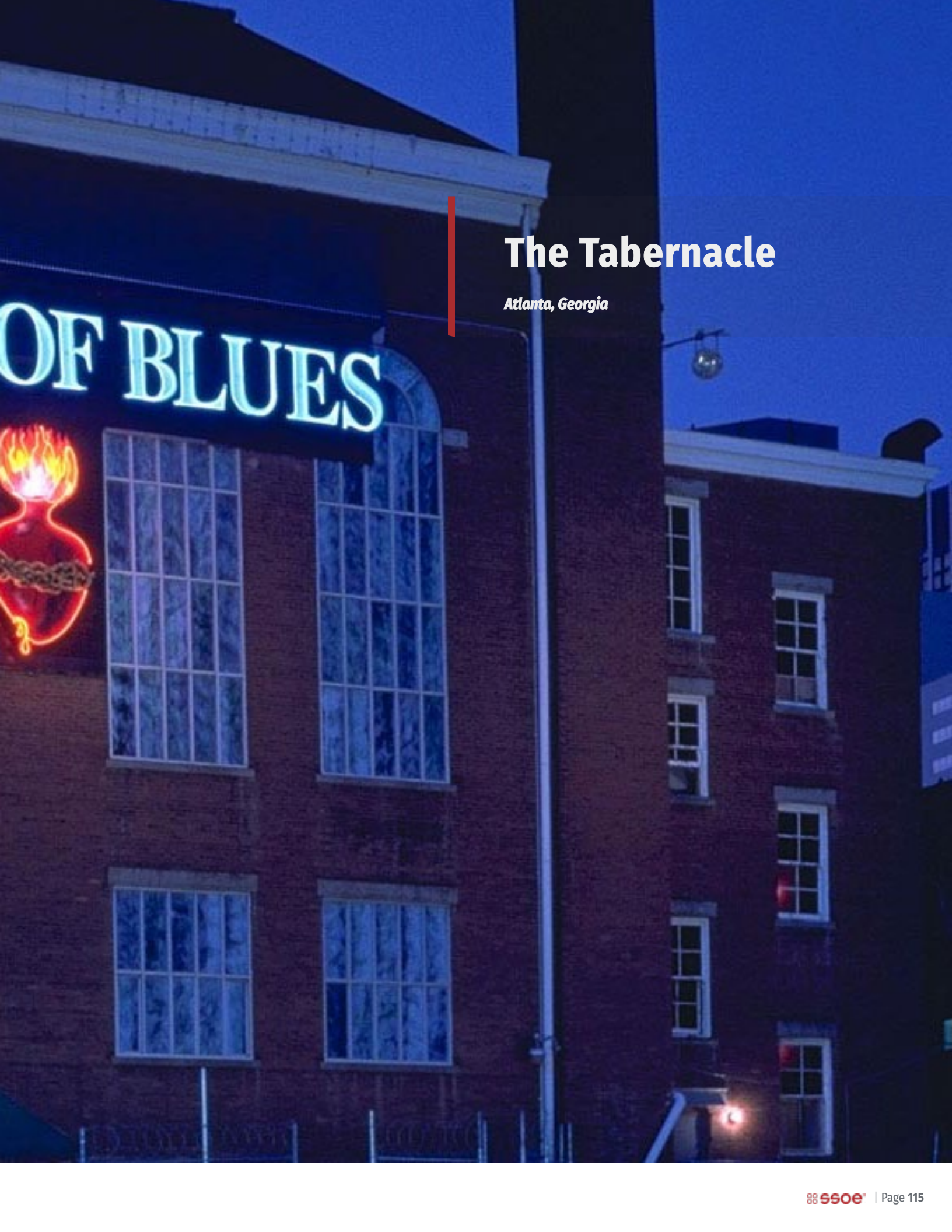


Illuminarium Experiences

Atlanta, Georgia

Located in the Common Grounds development along Atlanta's Eastside BeltLine trail, The Illuminarium is an immersive infotainment and event venue with an associated café with indoor and outdoor patio dining overlooking the BeltLine. The roof was extended up by twelve feet to form two large 22-foot high "illuminarium" rooms which create immersive projected environments where visitors can walk into and through another world. The rooms can also be set up for events and a weekend bar venue which take advantage of the projection and sound technology to create enveloping environments for themed events.





The Tabernacle

Atlanta, Georgia





FAST FACTS:

Size: 65,000 SF

Services: Architecture, Engineering

The Tabernacle

Atlanta, Georgia

Constructed in 1911, SSOE renovated the 65,000 square foot, Atlanta Baptist Tabernacle into the popular House of Blues as part of the 1996 Olympic Games revitalization.

The renovation included new accessible restrooms, new exit stairs, a new state-of-the-art fire-sprinkler system, and mechanical and electrical modifications to the 2,200-seat performance hall.



A photograph of the Columbia Township Auditorium at night. The building is illuminated with warm yellow lights, highlighting its classical architecture with a portico of six columns. The words 'COLUMBIA TOWNSHIP AUDITORIUM' are visible on the facade above the columns. In the foreground, there are several sets of stairs leading up to the entrance, with some people walking. To the right, a billboard is visible with the text 'READY FOR A CHANGE? NEW LESSONS'. A silver car is parked on the street in front of the building.

Township Auditorium

Columbia, South Carolina





FAST FACTS:

Size: 84,000 SF (Renovation);
19,500 SF (Addition)

Services: Architecture, Engineering, Interiors

Design Awards:

Historic Columbia Foundation:
Preservation Award for Construction in
Historic Context

Southeast Construction: Award of
Excellence: Renovation/Restoration

National Construction Management Association
of America: Design Excellence:
Renovation Project Less Than \$15K

Township Auditorium

Columbia, South Carolina

SSOE in association with Craig Gaulden Davis, restored the historic 1930's Township Auditorium. Known as one of the region's premiere event and concert venues, renovation highlights include a three-story atrium, reconfigured stage house, updated dressing rooms, new sound and lighting systems, and the latest in AV technology.



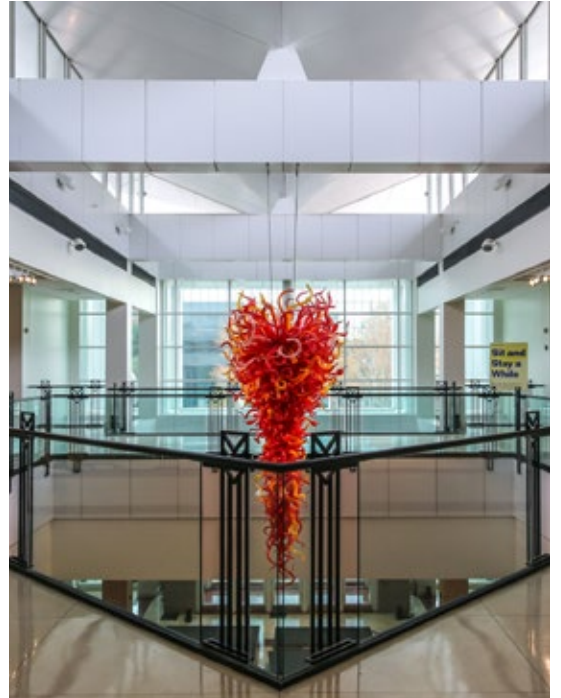




Columbia Museum of Art

Columbia, South Carolina





FAST FACTS:

Size: 135,000 SF

Services: Architecture, Engineering, Interiors

Design Awards:

AIA South Carolina: Merit Award



Columbia Museum of Art

Columbia, South Carolina

This former Macy's department store, built in the late 1960's, is now home to the internationally recognized Columbia Museum of Art.

SSOE transformed this vacant storefront plaza into an award-winning international hot spot known for its unique traveling exhibits, art studios, galleries, conference rooms and art shop, and event space.



MARATHON PETROLEUM CORPORATION

MARATHON

E. HARDY





Section C Corporate Facilities

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S MAIN ST





New Research and Development Laboratories

Des Moines, Iowa & Zhuhai Guangdong, China



New Research and Development Laboratories

Des Moines, Iowa & Zhuhai Guangdong, China

SSOE was selected to design two modern Research and Development (R&D) facilities that are reflective of the Kemin corporate brand and entrepreneurial spirit. The designs also needed to position the company appropriately for future projected growth in both Des Moines, Iowa, USA and Zhuhai, Guangdong, China.

SSOE provided an overall assessment of the Iowa site to situate the new R&D laboratory and future corporate headquarters in such a manner as to promote oversight and engagement with the existing campus and manufacturing facilities. The positioning also offers a formal gateway and introduction to Kemin's innovation to the public. From the exterior, the focus is on the facility's main entrance that features an open, light-filled, two-story atrium with common areas for employees and visitors. The China R&D facility is situated to establish a dominant façade to the site's surrounding buildings, giving the new building a formal presence on the site. It is enhanced with a two-story lobby that contains a large glass curtain wall and floor to ceiling external windows to allow natural lighting to flow into the facility.

The two-story laboratories' floor plans are organized with an emphasis on access to daylight, spatial efficiencies, and flexibility to expedite idea exchange. The main, general laboratory areas are open and modular, with specialty laboratories and related open office areas located directly adjacent. Administrative offices, conference rooms, and informal meeting / break areas surround the primary laboratories. The layout of lab and support spaces were designed to encourage communication and collaboration between all lab staff.



FAST FACTS:

Size: 43,000 SF
15,748 SF / 4,800 sq. m.

Services: Master Planning,
Engineering







General Motors Advanced Technical Center

Shanghai, China



General Motors Advanced Technical Center

Shanghai, China

To meet the market demand for new products in China, GM built its first Chinese R&D facility in Shanghai. This facility, which is the most comprehensive and advanced automotive development center in China, included areas for advanced vehicle development, powertrain design, electrical and fuel cell design, chassis, HVAC, body, exterior and interior development, and telematics. SSOE applied its vast experience in designing automotive R&D facilities and familiarity with the Chinese design and construction process to deliver this high caliber, sustainable project. SSOE designed an interior hydrogen fuel cell garage space, along with an exterior hydrogen fueling station and garage space. Special considerations, including distance from nearby high rises, were made during design due to safety considerations. Fuel farms were also integrated to provide for blending and testing operations for hydrogen-based vehicles and hybrids. A significant design feature was a central garage space that separated the building into two halves. The central garage space functions as a central spine and serves as a common use area for multiple groups. It potentially allows groups to share tooling.

Another feature was a visually secure, exterior patio for GM to view vehicles in natural sunlight. This requirement created an interesting challenge since the site was located within city limits and near a multi-story building. SSOE designed a visual screen to obstruct the view from the building while still allowing the natural sunlight to enter the space. SSOE provided an innovative design which minimized environmental impact, while maximizing occupant safety, health, and comfort. Design criteria also emphasized the use of sustainable materials and other energy reduction features.



FAST FACTS:

Size: 355,000 SF

Services: Master Planning,
Programming, Engineering







Dana Advanced Manufacturing Training Center

Owens Community College, Perrysburg, Ohio





FAST FACTS:

Size: 58,690 SF

Services: Architecture, Engineering,
Security Design, Interior Design

Design Awards: Ohio Economic
Development Association's Excellence
in Workforce Development Award



Dana Advanced Manufacturing Training Center

Owens Community College, Perrysburg, Ohio

SSOE's manufacturing facility design experts are working closely with our higher education team and the client to incorporate the latest manufacturing trends into the new center. We have worked on thousands of industrial projects and have kept pace with this dynamic industry by working alongside experts in the field. The application of the knowledge we have gained result in the delivery of a teaching and training facility that truly reflects today's manufacturing environments. Simulation of real-world working environments allows students to be prepared for success as they complete their courses and enter the workforce.

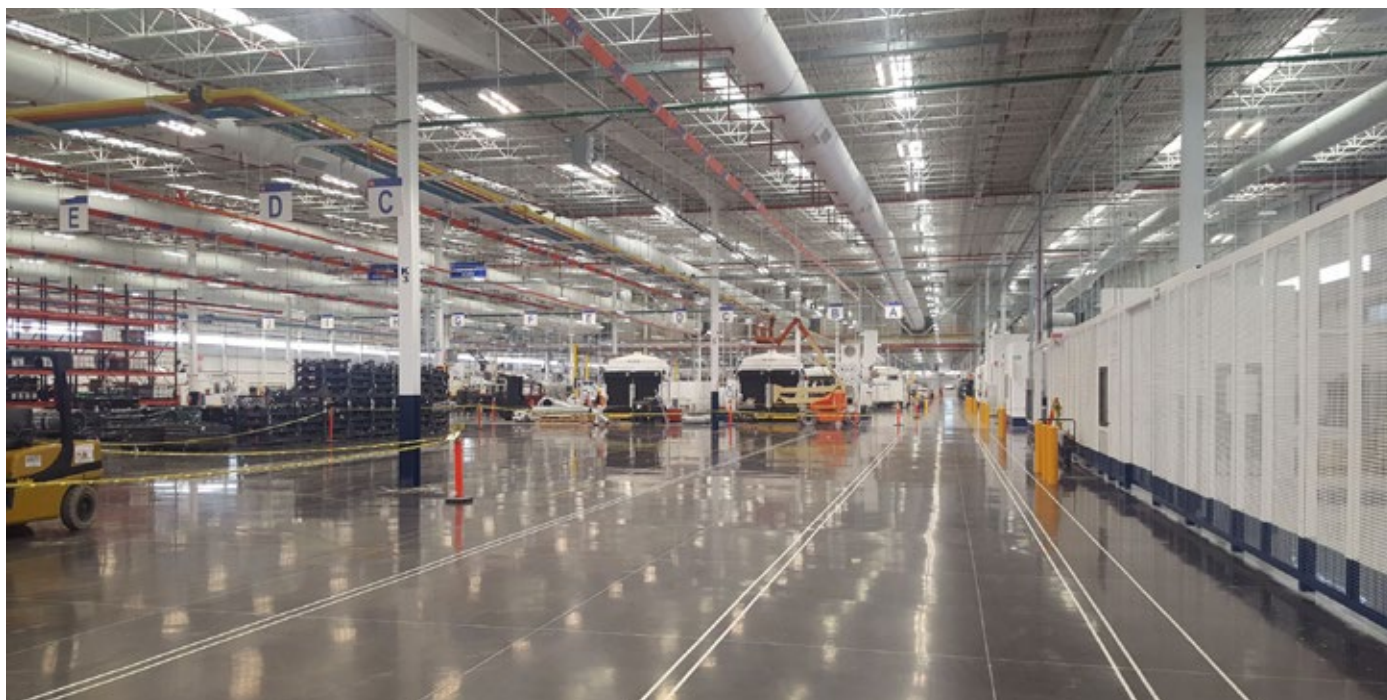




American Axle Automotive European Headquarters

Germany





FAST FACTS:

Size: 173,000 SF

Services: Engineering, Master Planning



American Axle Automotive European Headquarters

Germany

AAM's new EHQ reflects the company's brand while integrating European culture through furniture selections, material selection, and use of natural light. As a focal point, the lobby entrance for visitors will serve as the public introduction—an impressive expanse of curtain wall and metal panel with accents of precast concrete and an entry vestibule with a custom canopy—connecting the office wings and technical center. SSOE is not only responsible for conceptual design but also provided the permit design package and re-zoning to take the site from agricultural to commercial use with in-country consultant, Scalaplan GmbH, as well as approval of final design and on-site construction management services.

**FAST FACTS:**

Size: 13,860 SQM

Services: Engineering



Automotive Research and Development Technical Center

Pune, India

To provide research & development (R&D) capabilities in India and better supplement the existing fabrication plant, an automotive client selected SSOE to provide architecture and engineering design services for a new technical center and office complex. The center includes performance, structural, environmental, oil flow and lubrication, and metallurgical testing, as well as noise, vibration, and harshness (NVH) testing capabilities. SSOE worked closely with an Indian design firm to ensure the center met local jurisdiction regulations, while still providing the client with their desired international appeal. The facility is state-of-the-art and places a high priority on safety, health, and comfort, going above and beyond government requirements for R&D facilities.



FAST FACTS:

Size: 1,900,000 SF

Services: Architecture, Engineering



Nissan Automotive Manufacturing Facility

Aguascalientes, Mexico

Nissan North America commissioned SSOE to provide the design of its new automotive assembly facility in Aguascalientes, Mexico. This 1.9 million SF facility is the first of three project phases planned for the greenfield site. The plant was designed, constructed, and placed in production within 22 months. SSOE was responsible for the entire assembly plant layout and subsequent design of the automotive manufacturing campus. The project involved multiple buildings to be completed simultaneously, including more than 300 acres of developed land, a stamping facility, body assembly shop, paint shop, and final assembly area.





Section D
**Corporate Workplace
& Interiors**





La-Z-Boy New Innovation Center

Dayton, Tennessee





FAST FACTS:

Size: 70,000 SF

Services: Architecture, Mechanical and Structural Engineering, Dust Collection, Data / Fire / Security Design, Steel Detailing, and Interior Design



La-Z-Boy Innovation Center

Dayton, Tennessee

La-Z-Boy's vision was to create a new state-of-the-art R&D facility with larger, modern work spaces that would aid in improving staff recruiting and retention. The floor plan, along with the café and outdoor seating areas, follow La-Z-Boy's overall strategy to have office neighborhoods where people aren't tied to the same work space on a daily basis, and offer employees a choice of where to work. SSOE's complete steel pre-fab structural building drawing ultimately saved La-Z-Boy time and over \$500,000. The facility's design met the client's goal and vision for a modern and flexible workplace for their employees.





Gilmore Jasion & Mahler LTD Corporate Office Renovation

Maumee, Ohio





FAST FACTS:

Size: 24,000 SF

Services: Architectural, Engineering,
Interior Design



Gilmore Jasion & Mahler LTD Corporate Office Renovation

Maumee, Ohio

There was a strong desire to modernize the existing Eaton (LaValley) Building façade and entries, and tie it to an architectural design in line with GJM values. The design solution included offices placed internally within the floor plan allowing workstations and collaboration spaces placed along the exterior to take advantage of windows and daylight. The continued connection to nature and natural daylight promoted employee well-being and added physical comforts to the space. The interior finishes and contemporary color scheme thoughtfully reinforced the architecture of the space and provided a backdrop for client branding.





ProMedica Health New Corporate Headquarters

Toledo, Ohio





FAST FACTS:

Size: Headquarters: 200,000 SF;
Parking Garage: 200,000 SF

Services: Architecture, Mechanical,
Electrical, Plumbing, Technology,
Fire Protection, Data / Fire / Security
Systems, Site Lighting

Design Awards: ENR Midwest's
Best Projects Award



ProMedica Health New Corporate Headquarters

Toledo, Ohio

The move to downtown's waterfront entailed the renovation of the vacant historical Edison Steam Plant, renovation of the adjacent former Key Bank building, and construction of a new multi-level parking structure. The existing Key Bank building houses a new YMCA space in the basement level, the Chop House restaurant on the lobby level, and office spaces on floors two, three, and four. The large variety of mixed building use is unique to this type of project but was successfully handled by the design team. SSOE is proud to have been a part of this local project that promotes economic growth and urban revitalization.





New Guest & Welcome Center | Huntsville Botanical Gardens

Huntsville, Alabama

PROPST GUEST CENTER





FAST FACTS:

Size: 30,000 SF

Services: Engineering, Lighting Design, Master Planning

New Guest & Welcome Center | Huntsville Botanical Gardens

Huntsville, Alabama

SSOE joined the Matheny Goldman Architects' team to provide multiple engineering design services for the Huntsville Botanical Gardens' new Guest Welcome Center. Already a world-class botanical garden, the client sought a way to increase attendance and revenue opportunities in order to continue to provide the Huntsville area with beautiful gardens to visit and utilize for event rental. A key design element was to have the mechanical equipment obscured from favorable sightlines to the garden. An effective and simple touchscreen lighting control system used in the main events space, creating unique lighting design. Lastly, the welcome center boasts a reduced glare building mounted lighting used to enhance nighttime views of water feature and gardens.







Meridian Building

Columbia, South Carolina





FAST FACTS:

Size: 350,000 SF

Services: Architecture, Electrical and Civil Engineering and Interior Design

Meridian Building

Columbia, South Carolina

Located in the heart of downtown Columbia, the Meridian building is prominently featured in the Business District's skyline. The 17-story, 350,000 square foot building is a "Class A" office tower that includes more than 1,000 parking spaces in an adjacent parking deck. The tower's design features a well-defined base that directly relates to the adjacent two-story façades. The interior architecture of the building's lobby, elevators and public corridors relates to the historical façade by providing a refined sense of detail and excellence in design quality. Rich materials in these areas include Venetian plaster and hand selected granite from Italy which corresponds to the heritage of the exterior.





First Citizens Bank Headquarters

Columbia, South Carolina





FAST FACTS:

Size: 177,000 SF

Services: Architecture, Electrical and Interior Design

First Citizens Bank Headquarters

Columbia, South Carolina

A new level of design excellence is achieved with the construction of First Citizens Center. The seven-story structure steps up to nine floors at the corner of the site and hugs the property line, which is similar to other traditional buildings in the area, thus reinforcing the visual axis southward towards the South Carolina State House. The city improvements along Main Street add to the quality of the experience as parking, planters and other site development elements are coordinated with entrances and other building design features. Conscious efforts were made to recognize the State House grounds by extending the manicured landscape qualities north towards Lady Street.



Directions Credit Union New Headquarters

Toledo, Ohio







FAST FACTS:

Size: 36,000 SF

Services: Architecture, Engineering



Directions Credit Union Headquarters

Toledo, Ohio

The Directions leadership team's vision was for a cultural change and creation of a more open and collaborative workplace. The space was planned to create multiple teaming, conference, and collaboration zones, with the elimination of most private offices. Directions desired spaces that would respond to changing workforce demographics, and one that would allow them to continue to be innovators within their industry. The headquarters design includes the renovation of three floor plates. Design features include 360 degree views of downtown with the signature Directions' branding for the interior color scheme.



Delta Airlines Headquarters

Atlanta, Georgia







FAST FACTS:

Size: 35,000 SF

Services: Interior Design



Delta Air Lines Headquarters

Atlanta, Georgia

SSOE re-energized the lobby arrival to welcome and encourage meet-and-greet with team members and visitors by enhancing the connection between the lobby, café, employee services, and office program, including a new open stair linking floors above. We doubled the seating capacity for the café within the current building foot-print, linked interior to outdoor space, and provided 5 food service brands to enhance the food and beverage choices. Elements throughout the space celebrate the Delta brand and story and provide a unique sense of place, pride and inspiration to the Delta community.





Rheem Manufacturing

Atlanta, Georgia





FAST FACTS:

Size: 37,000 SF

Services: Interior Design



Rheem Manufacturing

Atlanta, Georgia

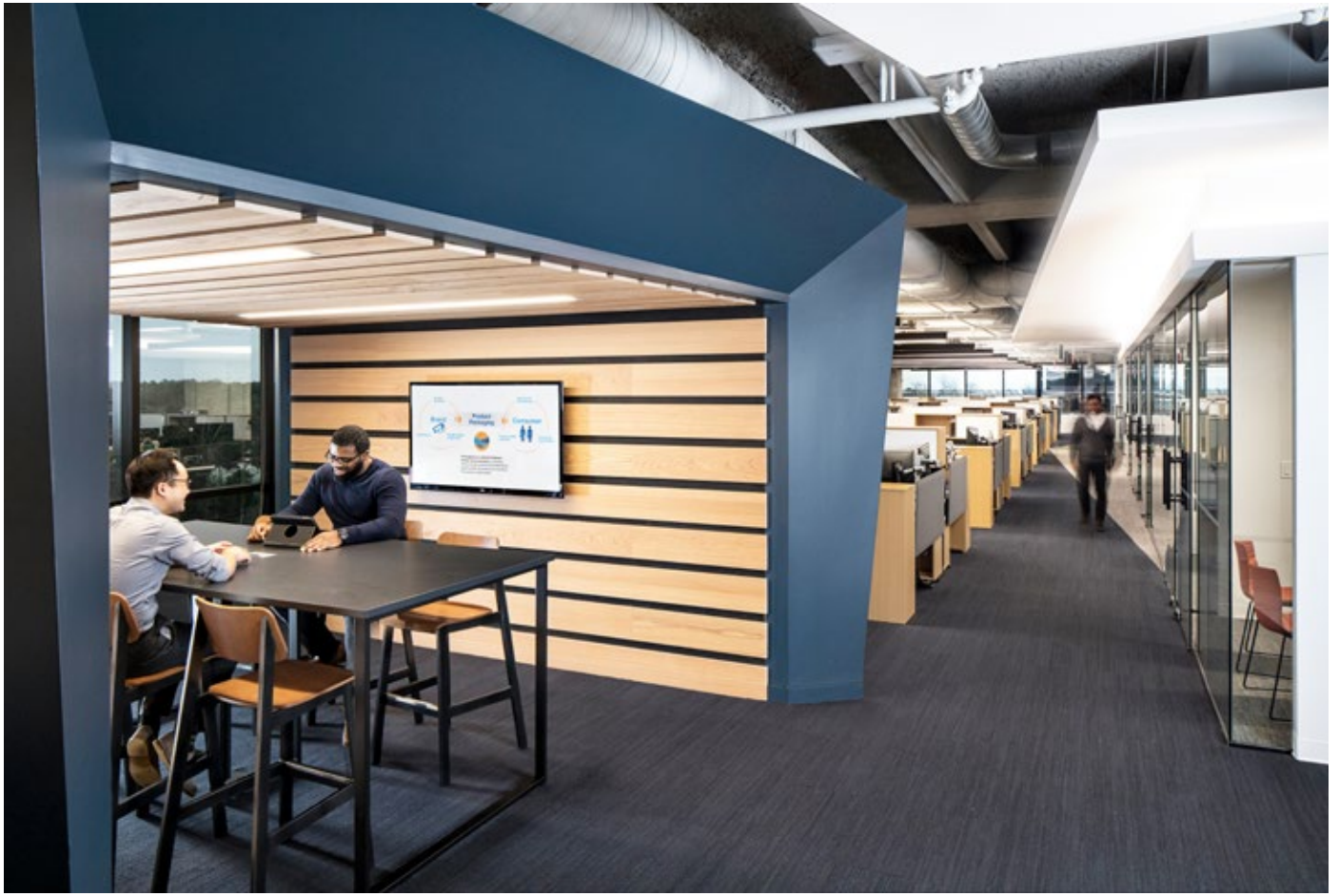
This component of the company sought to create a new facility that would be an effective tool enabling more meaningful customer collaboration, with real-time hands-on demonstration and problem solving; an interactive showcase of the Company's forward thinking and innovative new products; and would celebrate and facilitate a new transformative culture within the co-located business units coming together for the first time in the new Rheem Water Division Headquarters.



Westrock Headquarters

Atlanta, Georgia







FAST FACTS:

Size: 200,000 SF, Nine stories

Services: Interior Design



Westrock Headquarters

Atlanta, Georgia

The new workplace brings together over 1,000 people, nine floors of workplace are open, connected, and inclusive, featuring agile workspaces. A mix of settings recognize the diverse range of preferences and work styles, allowing individuals to “customize” their work experience. Lots of glass, open and semi-open collaborative zones and an interconnecting stair energize the atmosphere, a visual buzz and hum. The simple beauty and geometry of folded planes, layered, and textured surfaces are found in their products and inspire the design of the workplace plan and architecture.



A modern office interior featuring a ceiling with a complex, white, geometric, crystalline pattern. The floor is made of large, dark grey tiles. On the left, there is a glass-walled conference room with a brown tufted bench and several office chairs. In the center, a dark grey counter holds a vase of yellow flowers. To the right, a long table with three red bar stools is positioned near a large window that offers a view of a city skyline. A staircase with a glass railing is visible on the far right.

Carr, Riggs & Ingram

Atlanta, Georgia





FAST FACTS:

Size: 48,000 SF

Services: Interior Design

Carr, Riggs & Ingram

Atlanta, Georgia

Challenged by merging three separate office locations in the metro-Atlanta area, Carr, Riggs & Ingram wanted to look forward and push the boundaries of what an accounting firm's space can be aesthetically and culturally to reflect something uniquely their own. The space supports an elastic and growing headcount, driving the design to include infrastructure planning for the future and a flexible workstation solution that allows for additional desking to be added overnight. Client guests are greeted by striking, contrasting materials upon arrival to the reception area which features a floating architectural ceiling element that is reminiscent of piles of ticker tape that meanders through the space. CRI's triangular logo is echoed in through architectural angles and dynamic uses of finishes, creating a sleek, modern aesthetic.





CONA

Atlanta, Georgia





FAST FACTS:

Size: 28,000 SF

Services: Interior Design



CONA

Atlanta, Georgia

The CONA team is transforming their industry, using technology and engaged customer collaboration, to drive change from “standardization” to “an innovation factory.” Expressing, “our defined culture is a work in progress” the client wanted a flexible, fun environment, emphasizing their connection with their clients. They needed places for deep, meaningful, client collaboration as well as “labs” on site, to develop customized and innovative technology solutions. We developed a design concept based on “neighborhoods” of work flow, creating diverse settings that enrich their people’s daily experience. Each neighborhood fosters their blossoming company identity and helps shape the emerging culture we integrated places that express their spirit and build community.



Alight Solutions

Atlanta, Georgia







FAST FACTS:

Size: 45,500 SF

Services: Interior Design



Alight Solutions

Atlanta, Georgia

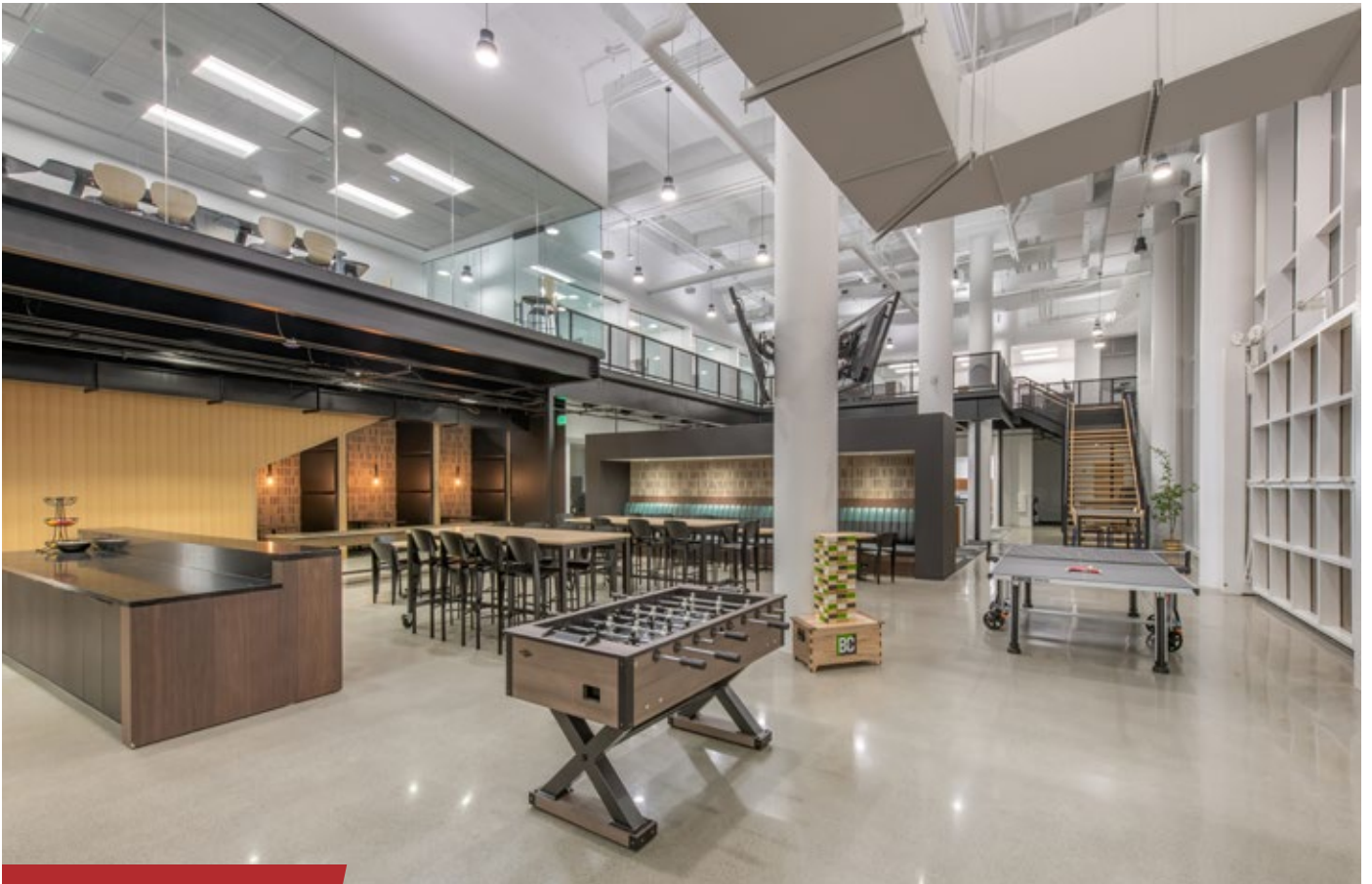
Alight sought a new workplace to reflect their values: Enable people to do their best work – in a simpler way – a more connected way – a more insightful way. SSOE’s strategic design solution led Alight to re-imagine their workplace, and to embrace a dramatic shift in culture and design for the future. The finish palette is energizing - mirroring Alight’s brand and corporate identity. The architecture reiterates this approach, including playful ceiling soffits and branded recessed lighting. The result is an emotional connection of people to brand, culture, and clients.



Batson-Cook Headquarters

Atlanta, Georgia







FAST FACTS:

Size: 33,000 SF

Services: Interior Design



Batson-Cook Headquarters

Atlanta, Georgia

Batson-Cook's expertise in the construction industry spans almost every major commercial sector in the Southeast. SSOE's design was intended to promote communication with the inclusion of open desks, white noise to reduce distractions, and huddle spaces to make it easier for employees to collaborate outside their normal workspace. The addition of a new mezzanine maximized the use of the height of the space and allowed the design to come together with exposed steel details and a new stair case. The space encourages an attitude of "the builder", collaboration, visual transparency and openness between groups.





**Confidential
Technology Company**

Southeast USA





FAST FACTS:

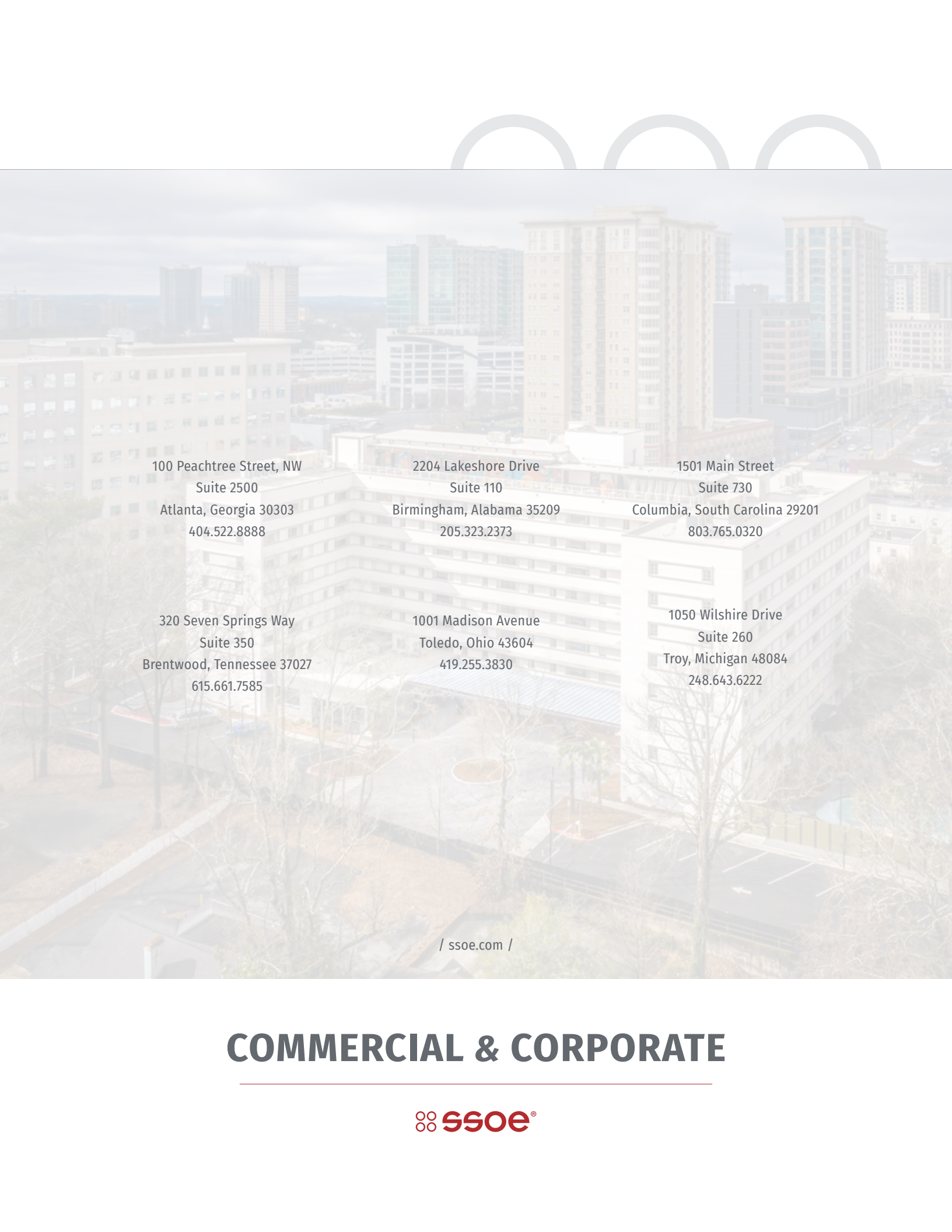
Size: 30,000 SF

Services: Interior Design

Confidential Technology Company

Southeast USA

SSOE implemented its design expertise for a global top 10 technology company, who wanted a culture of connection-spaces that would allow them to come together. In this space, work can happen anywhere with easy access to power, data and wireless: IDEA|SPAN created a workplace that provides for “free address” enables work life balance and supports a culture that is mobile, collaborative and fun. The client wanted the space to reflect their core values and brand. SSOE designed a space that is soft and inviting, with no angles or hard edges. The final product entails a design of pure precision: open, warm, approachable and comfortable.



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