



 **JJA** *Mechanical and Electrical  
Engineering Consultants*

*Engineering Since 1978*

## SIGNATURE PROJECTS





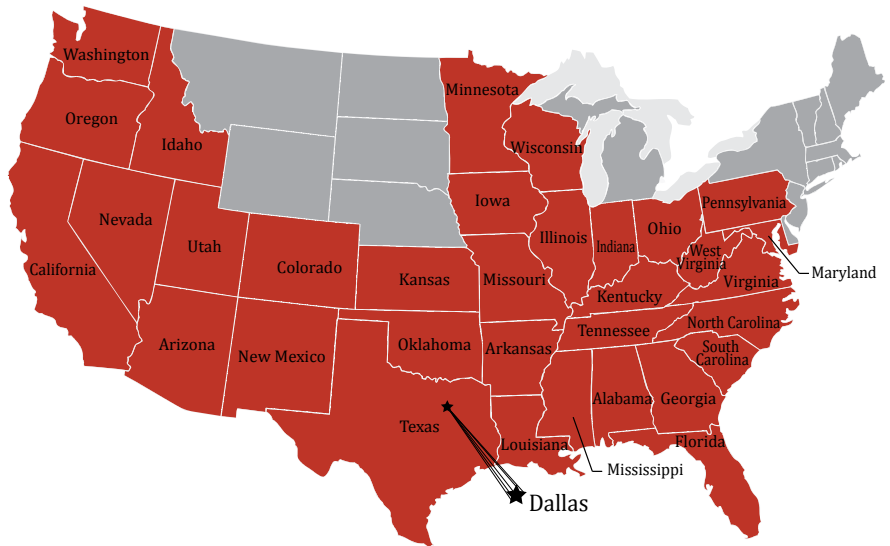
# JJA, Inc. Company Profile

JJA, Inc. is a leading Mechanical and Electrical Engineering Consulting firm established in 1978 in Dallas, Texas providing engineering design of HVAC, Plumbing Fire Suppression, Electrical Distribution and Critical Power Systems, Lighting systems, Life Safety systems, Sustainable Designs, Energy Modeling and MEP System Commissioning.

JJA holds Professional Engineering registrations in over 30 states, providing services locally, regionally, and nationally. JJA also performs national on-call MEP services for several corporate Clients.

JJA is committed to sustainable design solutions, utilizing innovative engineering design processes that focus on the life cycle performance for MEP Systems.

JJA is dedicated to servicing our clients with integrity and responsiveness, while providing a collaborative TEAM solution.



## Signature Projects At a Glance

### MEP Engineering

JJA, Inc. provides specialized engineering services for corporate/speculative office, interiors, hospitality/urban residential, automotive, educational, critical systems, power studies, and commissioning environments. We understand the importance of efficient, dependable MEP systems and work closely with our Clients to provide the level of service required to achieve both the aesthetic and functional demands of this industry.

### Blue Cross Blue Shied of Texas

Richardson, Texas



The BCBSTX corporate campus facility consists of over 1 million square-feet of occupied area with a 240,000 SF base tower building. JJA designed a 3000 ton, variable primary flow chilled water plant that serves the complex central station air handling units, fan coil units and computer room units. The campus is served by on-site transformers and seven main switchboards, with electrical distribution provided by conduit and wire and vertical busways. The facility has two 1250kW Emergency Generators. Certified LEED Silver.



### Hunt Oil Corporation Headquarters

Dallas, Texas



A 14 Story Office Tower with an HVAC system that includes an 1800-ton cooling tower with self-contained water cooled package equipment and isolated air conditioning systems for various functions within the facility to mitigate domestic terrorist threats. The facility is provided with an Emergency Power System (EPS) consisting of a 1500kW emergency generator, UL-2085 fire rated fuel tank, and automatic transfer switches. Certified LEED Silver for commercial interiors.

### Tarrant County Community College (Formerly Radio Shack Corporate Headquarters)

Fort Worth, Texas

The development involved the master planning of approximately 1.4 Million SF, and construction of 900,000 Sf. Located on a 37 acre site, the seven building campus includes offices, parking garage, a 500 seat auditorium, conference center, dining facility, fitness center and data center. Building MEP systems included a 3500 ton chilled water central plant (designed for 4200 tons) with variable primary chilled water and variable condenser water pumping system. The building was also designed with an underfloor air distribution system, 15kV power distribution and 4.5 mW of emergency generators.





**JJA, Inc.**

*Signature Projects - At a Glance*



*The Richards Group Corporate Headquarters*

Dallas, Texas

The new 19 Story office building structure consists of approximately 250,000 GSF corporate office space, with a 328,000 SF above grade, cladded, parking structure. The new building is a fast track process with shell & core plus interior finish-out and will be used as a corporate, single user occupancy.

*Park Seventeen*

Dallas, Texas



This upscale mixed use project features two towers in a development partnership between Granite Properties and Gables Residential. The project includes a 13-story, 379,000 SF office tower and a 19-story, 361,524 SF, 296-unit residential tower sitting atop a mixed use podium with retail and restaurant space, a fitness center, service amenities and parking. The residential tower is Certified LEED Silver, while the office tower received its LEED Gold Certification.



*W Dallas Victory Hotel and Residences*

One Victory Park, Dallas, Texas

Adjacent to the American Airlines Center, this \$125 million, 765,000 SF, mixed use, 33 Story high rise facility combines a 251 Room Five Star Hotel (lower 14 floors), with 94 luxury condominiums (upper 15 floors). Amenities include 25,000 SF of street level Retail, Fine Restaurants, 11,000 SF of Meeting Rooms, Swimming pool (16th floor), Parking Garage, and 10,000 SF Spa facility. On the uppermost floor is a nationally acclaimed Nightclub overlooking the Dallas skyline and the American Airlines Center.

*W Austin Hotel and Residences*

Austin, Texas



The W Hotel & Residences project in Austin is surrounded by West 2nd Street, Guadalupe Street, West 3rd Street and Lavaca Street and is a 37 story tower, consisting of over 1M SF of mixed use. The project includes a 252 guestroom, 5-Star, W Hotel, 159 unit condominium tower, 2,500 seat capacity music venue (Austin City Limits), spa, restaurants, outdoor garden terrace (elevated) areas and below grade parking. Certified LEED Silver.



*Chesapeake Energy (Formerly Pier 1 Headquarters)*

Fort Worth, Texas

Having serviced over 33 locations throughout the US in the last 2 years, JJA continues to provide on-call design services for Humana renovation, expansion and new construction work. Scope of services includes interior renovations, pharmacy refill facilities, expansions, critical systems design, upgrades, and systems replacements. Additionally, JJA MEP system and LEED assessments for a number of their national locations.

*Burlington Northern Santa Fe Corporate Headquarters*

Fort Worth, Texas

JJA, Inc. has worked with BNSF for over 20 years. Project components for this location include a Network Operations Center (NOC) for Train Dispatch, a 20,000 SF Data Center, office buildings, and a marketing building. MEP systems include an N+1 MEP System, N+N UPS System, 6.4 MW emergency generators with 72 hours of diesel fuel storage and 24 hours of cooling tower make up water storage consisting of 240,000 gallons.





# Mechanical and Electrical Engineering Consultants



### Office

8150 N. Central Expwy  
M-2100 Campbell Centre  
Dallas, Texas 75206  
Tel 214-739-8880  
Toll Free 877-620-2890  
Fax 214-739-1777  
[www.jjainc.com](http://www.jjainc.com)

### Contacts

George Laity, PE, CxA  
Director of Engineering  
Direct 214-622-6376  
[george.laity@jjainc.com](mailto:george.laity@jjainc.com)

Christine "Chris" Smithhart  
Business Development  
Direct 214-622-6355  
[chris.smithhart@jjainc.com](mailto:chris.smithhart@jjainc.com)

### Markets

Corporate / Office  
Interiors  
Critical Systems  
Education  
Hospitality / Residential  
Automotive  
Power Studies  
Commissioning  
Healthcare  
Retail / Mixed-Use  
Government / Municipal  
Manufacturing / Industrial

### Consulting Services

Facility Assessments  
Life Cycle Cost Analysis  
Electrical Power Studies  
System Commissioning  
Document Reviews  
LEED Consulting  
Value Engineering

### Design Services

HVAC Systems  
Underfloor Air Systems  
Thermal Storage Systems  
Building Automation  
Plumbing Systems  
Electrical Power Distribution  
Lighting Systems  
Emergency Power Systems  
Critical Systems  
Coordination Studies  
Energy Modeling  
Fire Suppression  
Life Safety Systems  
Sustainable Design  
BIM Production

