INDUSTRIAL + MANUFACTURING

Providing Solutions, Delivering Results.

BE&K

Building Group

It's All About People.

WHAT SETS US APART

▶ **Safety Culture**

▶ **Experienced | Dedicated Professionals**

▶ **Industry-Specific Expertise**

▶ **On-Time | On-Budget Results**

▶ **Virtual Design + Construction Technologies Driving Economies and Speed**

▶ **Repeat Client Relationships**

▶ **Superior Sustainability**

50 million
square feet
of Industrial +
Manufacturing
facilities completed
nationwide

Seqirus
Holly Springs, NC

MISSION

To safely build complex projects anywhere and develop lasting relationships with our customers by consistently exceeding expectations.

VISION

To be the best construction services provider in every market we serve and create a legacy of excellence for our people.

GUIDING PRINCIPLES

▶ Innovation
▶ Extreme Customer Service
▶ Operational Excellence

CORE VALUES

▶ Integrity
▶ Teamwork
▶ Respect
▶ Discipline
▶ Accountability
▶ Social Responsibility

BMW of North America
Greer, SC

Ferguson Enterprises
Waterloo, IA • Coxsackie, NY • Celina, OH

SERVICES

▶ Integrated Project Delivery

▶ Design-Build | Design-Assist

▶ Construction Management

▶ Preconstruction

WHO WE ARE

Award-Winning Facilities Recognized by *Engineering News-Record (ENR)* and Associated Builders & Contractors (ABC)

Proven Relationships with Leading Industrial + Manufacturing Designers

Top ABC "STEP" Award Recipient Outstanding Safety Program
2006 – Present

Dedicated to Sustainable Construction More Than $3 Billion in LEED and Green Globes Projects
Platinum, Gold, Silver, and Certified

Honda Aircraft Company
Greensboro, NC

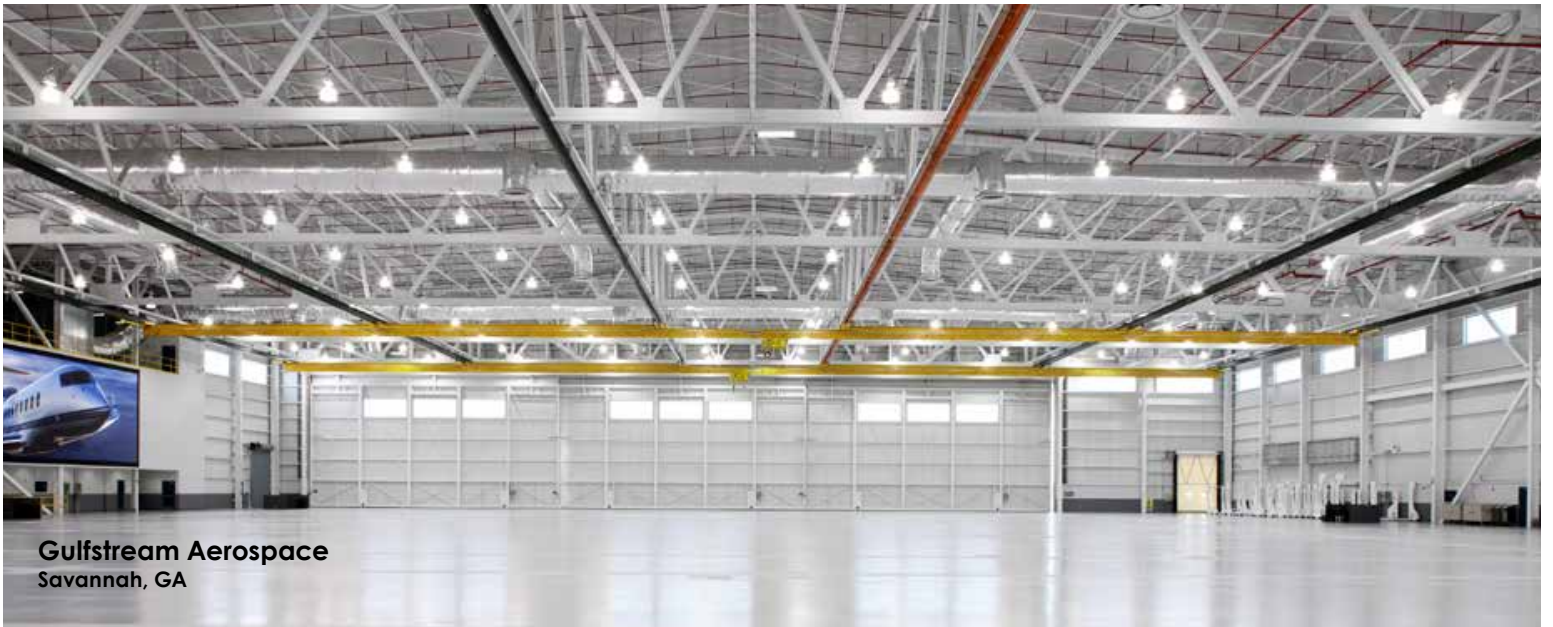**$600 million to $1 million** project size capability

Bell Helicopter
Lafayette, LA • Fort Worth, TX

Triumph Aerostructures
Red Oak, TX

Gulfstream Aerospace
Savannah, GA

Benteler Automotive
Duncan, SC

Buckeye Technologies
Gastonia, NC

EFACEC Power Transformers
Rincon, GA

Synnex Corporation
Greenville, SC • Olive Branch, MS

10 million
work hours on
The Boeing Company's
program over
10 years without
a lost-time
incident

The Boeing Company
North Charleston, SC • St. Charles, MO • Oklahoma City, OK • San Antonio, TX • Mesa, AZ

VIRTUAL DESIGN + CONSTRUCTION TECHNOLOGY

RESULTS + BENEFITS

Virtual Design + Construction (VDC) technology enables a better way of delivering capital projects, making informed decisions, enhancing collaboration, and producing more accurate data. It brings clarity + certainty to the most demanding projects through:

- Faster precon cycles to better understand cost + schedule
- Visual planning to support communication
- Reduced field issues through comprehensive modeling

- Reduced schedules due to advanced planning + quality management
- Higher ROIs through technology

PROJECT DOCUMENTATION + PROJECT MANAGEMENT
PROCORE

A construction management platform that provides project stakeholders with easy access to current information. Enhances collaboration by providing a central location for all drawings, RFIs, submittals, and documents, specific to safety, cost control, quality control, and schedule validation.

TRADE PARTNER SOLICITATION
BUILDINGCONNECTED + TRADETAPP

Centralized solution for comprehensive bid solicitation and bid management coupled with a trade partner prequalification tool providing benchmarked contractor financial, capacity, and safety performance reviews to mitigate risk.

AERIAL DRONE IMAGERY
DJI + DRONEDEPLOY

From site selection to ribbon cutting, manage, measure, and monitor projects with drone imagery. Apply technology to create consumable and sharable drone maps, 3D models, and project photos. Utilize advanced aerial photogrammetry to create 3D topography maps providing volumetric analysis for accurate site condition evaluations and measurements.

JOBSITE PHOTO DOCUMENTATION
DRONEDEPLOY GROUND

Use standard and 360° photography to capture jobsite progress photos, track installed work, and communicate with teams. Make meetings more efficient by reviewing up-to-date conditions. Walk the jobsite from your phone, iPad, or laptop. Know exactly what's been installed and where. Share PDFs of floor plans linked with respective progress photography that work completely offline.

REALITY CAPTURE (LASER SCANNING)
FARO

Capture an accurate point cloud to create exact 3D maps of existing conditions, installed work, and as-built conditions. Link point clouds to the project's coordination model to validate design, check floor flatness, verify locations of installed work and equipment, and identify variances. Efficiently correct any issues in the support of overall project quality. Assists with preconstruction, logistics, coordination, installation tracking, and as-built deliverables.
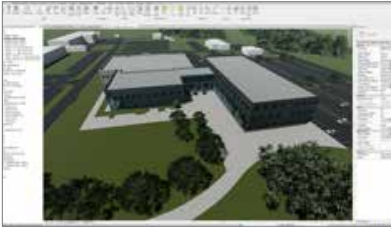
APPROACH

PEOPLE — We have a deep bench of industry-leading, technology-focused experts.

TECHNOLOGY — We provide hand-selected software applications customized for each project.

OPERATIONAL EXCELLENCE — From preconstruction through construction, we provide a collaborative environment to help plan and drive design and construction decisions through option analysis, financial modeling, and risk management. Throughout the project lifecycle, we provide technology specific to serve each project's unique requirements.

PROJECT 3D MODELING
REVIT + INFRAWORKS

Create 3D models for site logistics, planning, and communication. Generate highly detailed virtual mock-ups to test scope detail and validate installation sequences. Produces a detailed digital copy of the project to coordinate systems and resolve issues before field fabrication and installation.

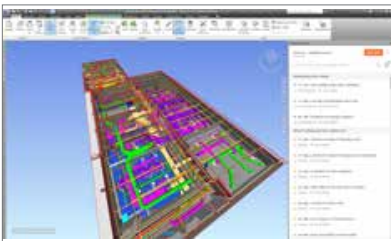### VISUAL SCHEDULING + LOGISTICS PLANNING
SYNCHRO

Use project models to create, manage, visualize, and track project schedules. Generate sequence animations, review construction plans, identify opportunities for improvement, simulate construction activities, and optimize project schedules.

AUGMENTED REALITY (AR) + VIRTUAL REALITY (VR)
ENSCAPE

Communicate design with greater clarity whether in the office or on a jobsite. Helps teams run QA/QC, find coordination issues, and validate designs through the use of immersive + photorealistic digital environments.

3D SYSTEMS COORDINATION + ISSUE MANAGEMENT
NAVISWORKS

Build your project virtually first, get it right, and then build it in the field. Manage the federated models from designers and subcontractors to identify, track, and report on constructability issues and clashes. Enhances the coordination effort through persistent collaboration focused on identifying real issues and working toward quick, iterative resolutions to safeguard the overall health of the project.

JOBSITE ENVIRONMENTAL MONITORING
MODEL-BASED QUALITY CONTROL (MBQC)

Full site, 24/7 monitoring for temperature, humidity, carbon monoxide, VOCs, particulates, noise, light, and pressure. Designed to detect unsafe environmental working conditions and potential risks to installed scope in real time. Drill into data by floor or area, customize reporting, and create custom alerts for your mobile device. Creates a historical record of the conditions of your project.

80%
of our projects
are with
repeat clients

REPRESENTATIVE

Industrial + Manufacturing Clients

American Honda Motor Company	Fujifilm	Medicago
BASF	FUJIFILM Diosynth Biotechnologies	Monsanto Company
Bell Textron	General Electric	Novartis Vaccines & Diagnostics
Benore Logistics	Guilford Mills	Novo Nordisk
Benteler Automotive	Gulfstream Aerospace	Novozymes
BMW	HAECO Americas	Pfizer
Boeing	H-E-B	Reichold
BorgWarner	Honda Aero	Scynexis
Bridgestone Firestone	Honda Aircraft Company	Seqirus
Buckeye Technologies	Honeywell	Solectron
Cambridge Development Group	I.H. Caffey Distributing Company	Solutia
CEL-SCI	Intrexon	Super Duper Publications
Crenlo Manufacturing	IVAX	Synnex Corporation
CTL Packaging USA	Jet Aviation	Sysco Corporation
DSM Desotech	J.J. Taylor Companies	Techtronic Industries Company
EFACEC	Kimberly Clark	Triumph Aerostructures
Famous Craft Boats	KTH Parts	Volvo
FedEx Express	Liggett Group	
Ferguson Enterprises	Michelin North America	

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Medicago
Research Triangle Park, NC

FUJIFILM Diosynth Biotechnologies USA
Research Triangle Park, NC

Novo Nordisk
Durham, NC

Novo Nordisk
Clayton, NC

Mayne Pharma
Greenville, NC

Seqirus
Holly Springs, NC

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Chicago

Dallas

Greenville

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