



**Building
Group**

It's All About People.

HIGHER EDUCATION

Providing Solutions, Delivering Results.



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

3 million
square feet
Higher Education
construction
nationwide



MISSION

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

VISION

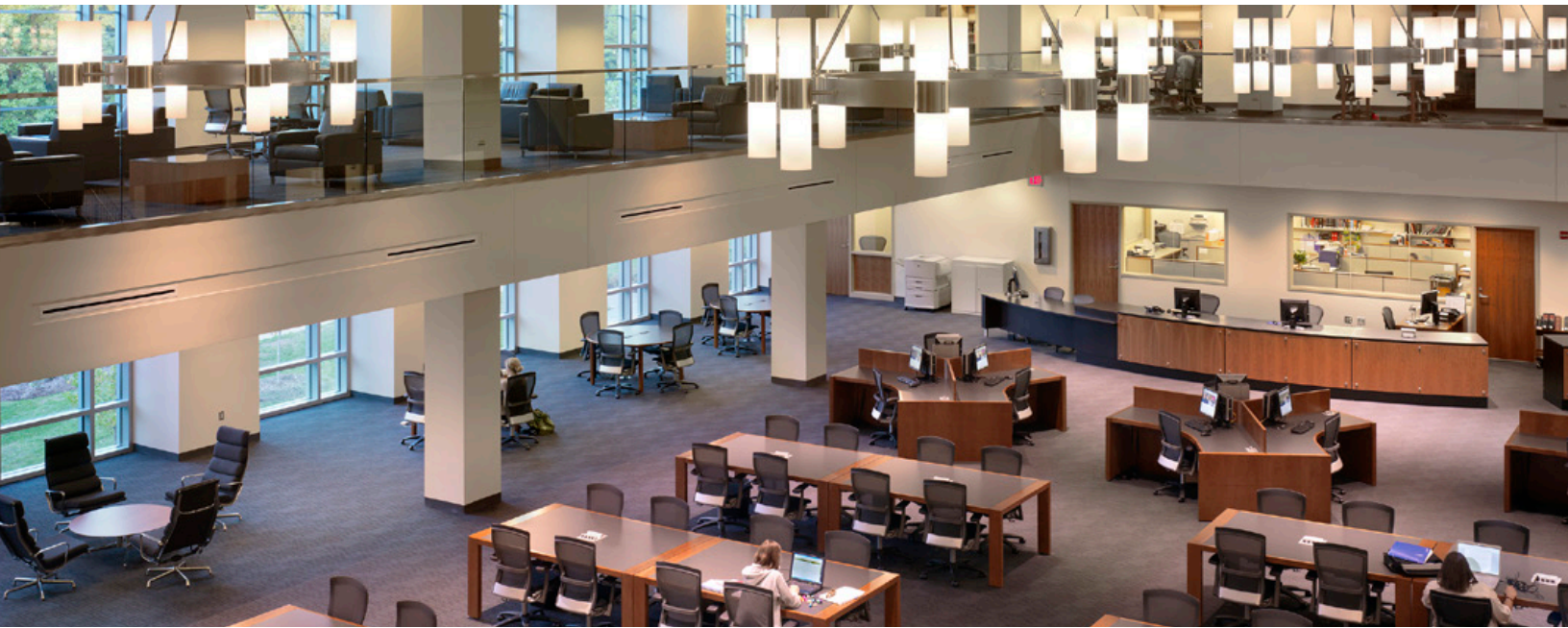
To be the best construction services provider in every market we serve and create a legacy of excellence for our people.

GUIDING PRINCIPLES

- ▶ Innovation
- ▶ Extreme Customer Service
- ▶ Operational Excellence

CORE VALUES

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



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 Higher Education 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

University of Florida • Research and Academic Center
Orlando, FL



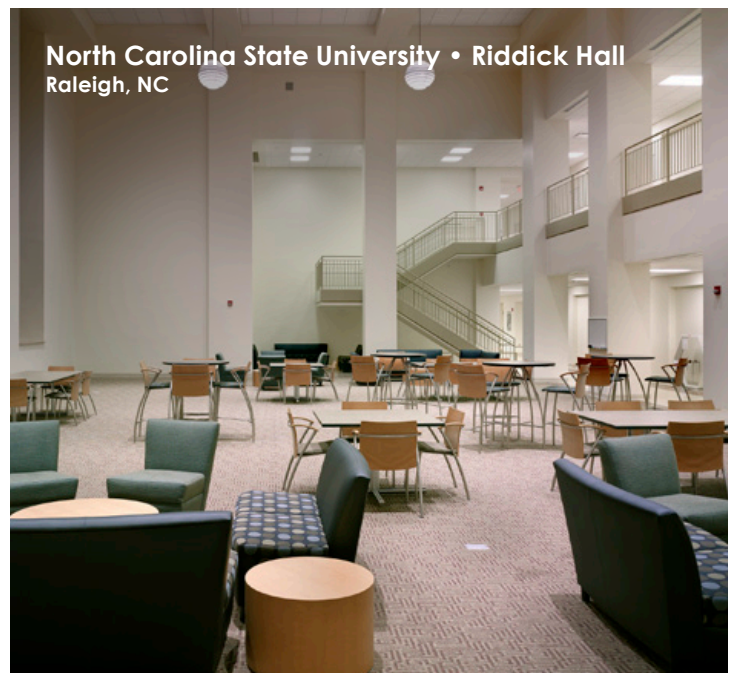
Providing modifiable cutting-edge spaces for today's pedagogical methods



Duke University • School of Nursing
Durham, NC



University of North Carolina • Brauer Hall
Chapel Hill, NC



North Carolina State University • Riddick Hall
Raleigh, NC

University of North Carolina • Koury Oral Health Sciences
Chapel Hill, NC



SPECIALIZED EXPERTISE

Aquatic Facilities

Athletic Facilities

Auditoriums and
Assembly Areas

Cafeterias and
Dining Halls

Classrooms

Faculty Offices

Greenhouses

Infrastructure

Libraries

Medical Facilities

Observatories

Parking

Research & Development
Facilities and Laboratories

Biosafety Containment
(BSL 3 and 4)

Mass Spectrometry

Nanoscience and
Nanotechnology

Nuclear Magnetic
Resonance (NMR)

Teaching and
Simulation
Labs

Vivariums

Student Housing

Student Collaboration
and Success Spaces

Support Facilities



Duke University • School of Nursing
Durham, NC



Western Carolina University • Stillwell Hall
Cullowhee, NC



University of North Carolina Charlotte • Hunt Residence Hall
Charlotte, NC

MWBE
participation on
Higher Education
projects consistently
exceeds client
goals



Johnson & Wales University • Housing and Dining
Charlotte, NC



Washington and Lee University • Student Commons
Lexington, VA



Valdosta State University • Health Sciences and Business Administration
Valdosta, GA

University of North Carolina Pembroke • Sciences
Pembroke, NC



Texas A&M University-Commerce • Nursing Sciences
Commerce, TX



Tarleton State University • Engineering Building
Stephenville, TX



VA Polytechnic Institute & State University
Visitors & Undergraduate Admissions
Blacksburg, VA

University of North Carolina • Kenan Music
Chapel Hill, NC



University of Houston-Victoria • University Commons
Victoria, TX



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

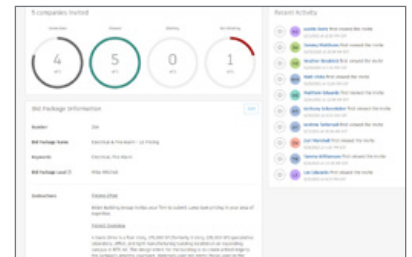
A construction management platform that provides project stakeholders with easy access to current information. Enhances collaboration by providing a central location for all drawings, RFIs, submittals, and documents, specific to safety, cost control, quality control, and schedule validation.



TRADE PARTNER SOLICITATION

BUILDINGCONNECTED + TRADETAPP

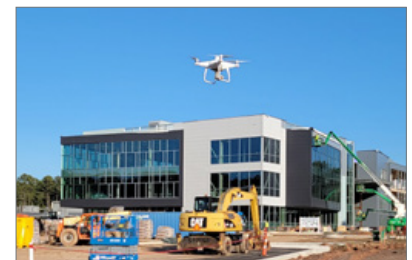
Centralized solution for comprehensive bid solicitation and bid management coupled with a trade partner prequalification tool providing benchmarked contractor financial, capacity, and safety performance reviews to mitigate risk.



AERIAL DRONE IMAGERY

DJI + DRONEDEPLOY

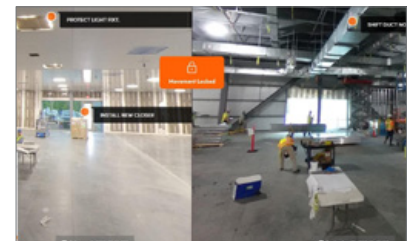
From site selection to ribbon cutting, manage, measure, and monitor projects with drone imagery. Apply technology to create consumable and sharable drone maps, 3D models, and project photos. Utilize advanced aerial photogrammetry to create 3D topography maps providing volumetric analysis for accurate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



JOBSITE PHOTO DOCUMENTATION

STRUCTIONSITE

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.

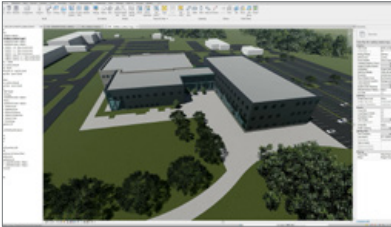


APPROACH

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

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

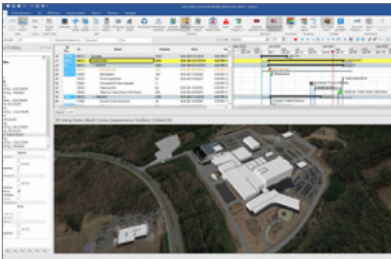
OPERATIONAL EXCELLENCE — From preconstruction through construction, we provide a collaborative environment to help plan and drive design and construction decisions through option analysis, financial modeling, and risk management. Throughout the project lifecycle, we provide technology specific to serve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

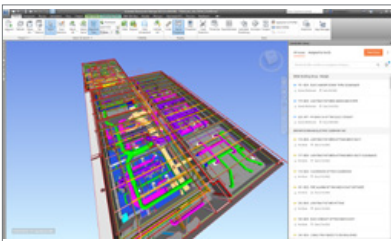
Use project models to create, manage, visualize, and track project schedules. Generate sequence animations, review construction plans, identify opportunities for improvement, simulate construction activities, and optimize project schedules.



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.

Building
award-winning
facilities for
notable
clients

REPRESENTATIVE

Higher Education Clients

Allen University

Augusta University

Converse College

Duke University

Florida State University

Gardner Webb University

Johnson & Wales University

Lamar University

Longwood University

North Carolina A&T State University

North Carolina State University

Peace College

Sam Houston State University

Seminole State College of Florida

SKEMA Business School

Tarleton State University

Texas A&M University-Commerce

Texas A&M University, McAllen Campus

University of Florida

University of Houston-Victoria

University of North Carolina Chapel Hill

University of North Carolina Charlotte

University of North Carolina Pembroke

Valdosta State University

Virginia Polytechnic Institute and
State University

Washington and Lee University

Western Carolina University

Florida State University • Chemical Sciences
Tallahassee, FL



Texas A&M University • Engineering Research
College Station, TX



Texas A&M University • Higher Education Center
McAllen, TX



**Lamar University • Center for Innovation,
Commercialization and Entrepreneurship**
Beaumont, TX



Converse College • Phifer Science Building
Spartanburg, SC



**Building
Group**

bekbg.com

Chicago

Dallas

Greenville

Houston

Research Triangle Park