# HEALTHCARE

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all states

Providing Solutions, Delivering Results.

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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

# 20 million square feet of Healthcare projects

Benjamin Russell Hospital for Children Birmingham, Al

# MISSION

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

# VISION

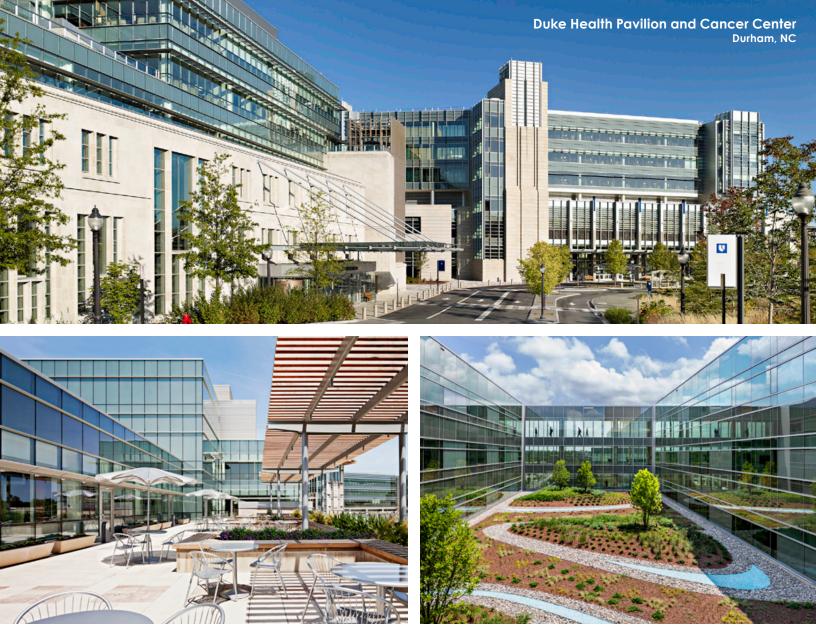
To be the best construction services provider in every market we serve and create a legacy of excellence for our people.

# **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 Healthcare Program Managers and 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

















Comparison
Compari

#### SPECIALIZED EXPERTISE

Ambulatory Surgery Centers **Cancer Centers** Central Energy Plants Central Sterile Facilities Children's Hospitals Data Centers Heart Centers Hospital Patient Towers **ICU/NICU/PICU** Facilities **Parking Facilities** Hybrid ORs Linear Accelerators Medical Office Buildings **Outpatient Clinics R&D** Laboratories Surgical Suites Wellness Centers Women's Centers















# 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

#### **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.











 Reduced schedules due to advanced planning + quality management

Higher ROIs through technology

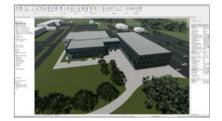


## APPROACH

**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.



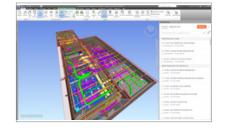
### VISUAL SCHEDULING + LOGISTICS PLANNING

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.

# \$480 m

Emergency Departments successfully completed

Cedar Park Regional Medical Center Cedar Park, TX

**Central Texas Medical Center** 

San Marcos, TX

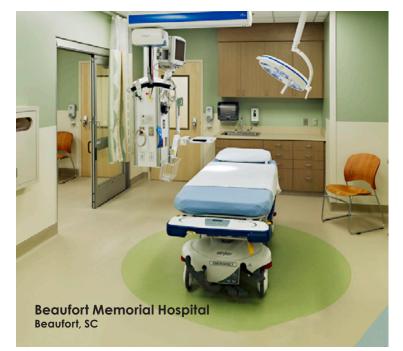
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Greer Memorial Hospital Greer, SC

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McLeod Health Hybrid OR Florence, SC

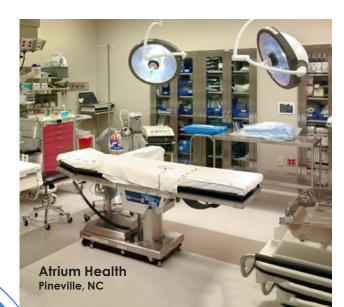
# 100+

Operating Rooms including hybrid and maternity

> Medical University of South Carolina Hybrid OR Charleston, SC









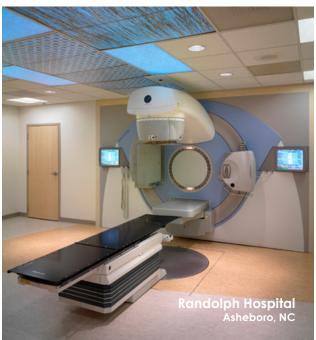
















#### REPRESENTATIVE Healthcare Clients

- Adventist Health System Alamance Regional Medical Center Archbold Medical Center Atrium Health Baptist Healthcare System Beaufort Memorial Hospital Carolina Neurosurgery and Spine Carolinas Hospital System Cedar Park Regional Medical Center Centra Health Central Texas Medical Center Children's Health System Community Health Systems Cone Health
- Duke Health
- Eastern New Mexico Medical Center Florida Hospital Fish Memorial
- Galesburg Cottage Hospital
- Greenville Health System
- Hughes Investments Corporation
- Iredell Memorial Hospital
- McLeod Health
- Medical University of South Carolina Mission Health Mountain States Health Alliance Northwest Medical Center
- Palmetto Health Tuomey
- Pardee UNC Health Care Piedmont Healthcare Providence Hospital Randolph Hospital Roper St. Francis Healthcare Sentara Albemarle Medical Center Sparks Health System Summit Healthcare Group The Keith Corporation Triangle Physicians Network UNC Health Care Wake Forest Baptist Health Wesley Long Community Hospital













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# CANCER CENTER

## bekbg.com

- Chicago
- Dallas
- Greenville
- Houston

Research Triangle Park