



THE FUTURE IS IN THE FIELD

JB&B has a solid, 100-plus year reputation for outstanding design services—and a loyal client base that looks to us for quality, integrity, and foresight. More and more, our clients have asked us to expand our focus on field services. The fact is, a number of our current service offerings are field services, which we have been providing for more than 50 years, and recently a considerable portion of our engineers have been dedicated to these services. But, listening to our clients—and to an evolving market—we're pleased to introduce an exciting new service sector: **JB&B Field**.

JB&B Field offers solutions for the changing future in construction, built on the same values and reputation that has kept the firm's outstanding team of consulting engineers at the forefront of the industry. By combining many of the services you already know with newer additions, we've established a streamlined integration of our field services under one brand, one comprehensive service offering.

BALANCING



Testing, adjusting and balancing (TAB) are the three major steps used to achieve maximal operation of HVAC systems. Our TAB specialists perform air and hydronic measurements on HVAC systems and adjust the respective flows as required to achieve design performance of the building environmental equipment.

COMMISSIONING

A service JB&B has provided in a less-official capacity for nearly 50 years and as a defined service for the past 20, this quality-focused process enhances the delivery of a project for green building standards, energy conservation codes and/or client-specific requests. It maintains a primary focus on verifying and documenting that the facility and all of its systems and assemblies are planned, installed and tested to meet the Owner's Project Requirements.



LASER SCANNING



Our team of qualified scanning technicians digitally captures physical objects using lasers and images, with the end product being a 3D representation of the object in point-cloud format and assembled by our in-house engineer-modelers. The point-clouds are then used to provide a static 3D representation that serves as the foundation for development of dynamic Building Information Models.

MEP ADVISORY SERVICES

An MEP-focused team delivering project management, construction administration and operations consulting services. Our core strength is management of projects on behalf of property management engineering staff—more often on projects not designed by JB&B—as a third-party project management engineer.





MEP LOGISTICS

Providing comprehensive technical oversight for targeted system- and equipment-specific MEP projects. Work includes construction scheduling; budget management; bid management, bid leveling and invoicing review; pre-qualifying vendors; and oversight of contractor/vendor coordination.

OPERATIONAL OPTIMIZATION

OO leverages building data analytics software to identify issues and make actionable recommendations to improve building operations through correction of equipment/system deficiencies, implementation of new control sequences or operator protocols, and infrastructure upgrades.



PROPERTY ASSESSMENTS

Evaluation of real estate assets to help owners understand the physical condition of their real estate portfolio, develop capital budgets for improvements, and prioritize resources. A formal report compiled by trade-specific engineers is delivered, including observed deficiencies, estimated lifespan of building elements and systems, and a list of recommendations for repair or replacement.

SPECIAL INSPECTIONS

NYC-required inspections conducted during the construction process to verify that work is being done in accordance with the approved plans and specifications. Our specialized team of credentialed inspectors is well-versed in code requirements and the firm is licensed with the NYC Department of Buildings as well as accredited through the International Accreditation Service (IAS).



TECHNICAL PROJECT SUPPORT

A service that provides onsite practical direction for coordination and troubleshooting of new and existing systems, and startup operations support, as well as guidance regarding code/plan/specification requirements, to successfully complete a project. This entails periodic visits by an engineer with wide-ranging experience and a well-trained eye, and acts as a bridge between the designers and the construction team to minimize impacts to the project schedule.

THERMOGRAPHY

A non-invasive proactive method of obtaining baseline thermographic data and detecting potential electrical equipment/system failures utilizing infrared cameras. Our certified Level I Thermographers identify potential electrical problems as well as diagnose mechanical equipment problems.



Through these ten different but synergistic services, JB&B Field stands ready and committed to work with you and keep you a step ahead as the industry moves into an exciting future.

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