

EXPERT EVALUATIONS
INNOVATIVE SOLUTIONS
BETTER BUILDINGS



Building Technology Consultants, PC



About BTC

BTC is a consulting firm specializing in building envelope components, structural systems, and architectural elements. Our services include forensic investigations, condition assessments, repair design, bidding assistance, and construction contract administration.

From water leakage to catastrophic collapse, our in-depth and highly specialized experience gives our engineers, architects and building science specialists a unique perspective of the complex, inter-related factors that impact building problems and repairs. Using this broad knowledge, we perform expert evaluation of building performance issues and develop long-term innovative solutions to address our clients' needs.

We also leverage our experience with building system failures to advise our clients on preventing similar failures in new buildings. We do this by providing peer review services during design of intricate building envelope systems, and through building envelope commissioning.

Since its inception in 2001, BTC has successfully completed over 900 consulting projects for numerous building types, including:

- High-Rise Buildings
- Shopping Malls
- Educational Facilities
- Hotels
- Multi-Family Residential Buildings
- Healthcare Facilities
- Parking Garages
- Athletic Arenas
- Religious Facilities
- Historic Buildings
- Industrial and Manufacturing Facilities
- Special Use Structures Including Indoor Swimming Pools and Hardened Facilities

To view project profiles for some of our representative projects, visit www.btcp.com/projects.



↑ Wood-framed cupola at a mansion class residence
Milwaukee area, Wisconsin





↑ The Hogan Building, Northwestern University, Evanston, Illinois

Mission, Business Philosophy, and Technical Approach

Our mission is to provide our clients with expert evaluation of building problems, and to develop and implement cost-effective and innovative solutions. We achieve our mission through specific strategies that guide how we run our business.....we strive to deliver beyond expectation, deliver consistent quality, deliver technical leadership, and provide options to the client.

Our mission, business philosophy, and technical approach provide direction for what we do every day. They represent who we are as an organization, how we operate our business, and how we work with our valued clients. In short, they provide the framework for every action and decision we make. Additionally, and no less important, we work to understand the problem accurately, solve the problem correctly, and leverage knowledge and ingenuity.

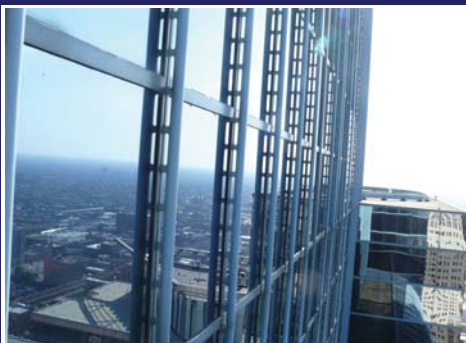
For more information on our strategy to meet our mission, visit www.btcp.com/mission.

Working With BTC

Our long-term clients have come to rely on several characteristics of our services including:

- Clear Understanding of the Client's Problems and Needs
- Hands-on Involvement of BTC's Principals
- A Sense of Urgency
- Ongoing Communication and Simple Explanations

These characteristics are what enable us to provide value to our clients. For more on how the above characteristics help our clients, visit www.btcp.com/benefits.





↑ Wrigley Building Clock Tower
Chicago, Illinois

Services

BTC offers a wide range of specialized consulting services to its clients. These services are provided within our areas of expertise.

Our capabilities include evaluating water leakage, moisture migration, durability, aging, and failure of a variety of systems. Our work encompasses building envelopes, structural systems, architectural elements, parking garages, and historic preservation.

Our services include:

- Forensic Investigations and Expert Testimony
- Condition Evaluation
- Repair Design
- Bidding Assistance
- Construction Phase Services
- Peer Review and Building Envelope Commissioning
- Transitional Studies and Capital Asset (Reserve) Studies
- Specialized Diagnostic Testing
- Facility Services

For a detailed explanation of each of the above services, visit www.btccp.com/services.

Expertise

By focusing our team's experience, education, and training in selected areas of building construction, we provide a level of expertise that helps our clients resolve seemingly irreparable problems.

Our in-depth areas of expertise include:

- Roofing
- Building Facades and Balconies
- Waterproofing
- Parking Garages
- Historic Preservation
- Structural Distress and Failure Analysis
- Architectural and Code Compliance Issues

For more detail on our areas of expertise, visit, www.btccp.com/expertise.





↑ St. John Chrysostomos Greek Orthodox Monastery, Pleasant Prairie, Wisconsin

Industry Involvement

Involvement and contribution to organizations engaged in our areas of expertise is a cornerstone of how we operate our business. We believe that our involvement in industry organizations promotes professional development of our team and keeps us at the leading edge of our profession. Our contributions to these organizations help raise the standards in our industry.

BTC's principals are industry leaders, actively involved in teaching their peers through a variety of local and national professional associations. Because they are able to clearly explain technical building problems and solutions to non-technical individuals, they are actively sought as speakers by building owners and management groups.

Other BTC team members are encouraged to stay involved in all aspects of our industry. Our team members participate in industry organizations in a variety of capacities from serving on boards of directors of professional associations to volunteering on technical committees.

BTC's team members have received numerous awards and recognitions for their expertise and contributions to our industry. With BTC, our clients know they are working with highly qualified professionals.

In addition to our active involvement, we financially support many organizations to promote education and professionalism in our industry. These organizations include RCI Foundation, SWR Institute Foundation, and CAC Building Envelope Foundation. Our contributions to these organizations help fund scholarships and research.

For more information on BTC's involvement in industry organizations, visit www.btcp.com/involvement.





↑ Millar Chapel, Northwestern University
Evanston, Illinois

Our Team

At BTC, we believe that the quality of our services is directly related to the qualifications, experience, and training of our team members. We employ experienced and knowledgeable engineers, architects, and building science specialists, as well as technical support staff who receive continuous training and mentoring. We encourage our employees to participate actively in industry organizations, to contribute to such organizations, and to advance their expertise through continuing education.

Most of our team members are recognized leaders in their respective fields. Our team members include:

- Licensed Structural Engineers
- Licensed Professional Engineers
- Licensed Architects
- Registered Building Envelope Consultants
- Registered Roof Consultants
- Registered Exterior Wall Consultants
- Registered Waterproofing Consultants
- Certified Construction Specifiers
- Certified Construction Contract Administrators
- Construction Document Technologists
- Registered Roof Observers
- LEED Accredited Professionals
- Certified Level I Infrared Thermographers
- Certified Concrete Slab Moisture Testing Technicians
- Certified Concrete Field Testing Technicians

Our staff members continuously contribute to education and the dissemination of information within our industry through publishing technical articles, presenting the latest on project experiences, and teaching classes to our peers. For representative articles published by our staff, visit www.btcpc.com/publications.

Through their extensive training and involvement in industry organizations, our staff members offer an unusual set of skills and expertise to solve our clients' problems. For more information on our team members, and to download a professional profile for each of our technical staff members, visit www.btcpc.com/team.





Projects

Since its inception, BTC has completed over 900 projects. Our projects range from evaluation of building envelope and structural systems to design and contract administration for multi-million dollar, multi-phase rehabilitation projects. Many of these projects have included multi-discipline, complex issues requiring special expertise to complete. Several of our projects have been recognized by our peers with awards.

To view project profiles for some of our projects, visit www.btcpc.com/projects.

← *Naperville Financial Center, Naperville, Illinois*

Clients

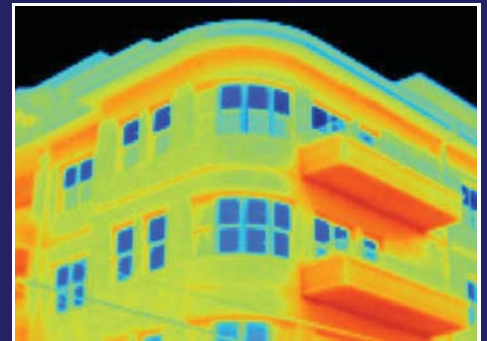
Since its inception, BTC has been retained by a wide range of clients to help solve building problems, or assist in dispute resolution. From local to national companies, we serve many small to large clients within the following categories:

- Law Firms
- Commercial Property Owners
- Property Managers
- Manufacturing and Industrial Facility Owners
- Insurance Companies
- Community Associations
- Architectural and Engineering Firms
- Contractors
- Developers
- Institutions, Government, and Municipalities

For a representative list of our clients, visit www.btcpc.com/clients.



Citigroup Center, Chicago, Illinois →





Our Name and Logo

Our Logo: A cross centered on a circle is a universal symbol of accuracy. A cross surrounded by a circle with one of its arms highlighted is the engineering symbol for true north. We strive to provide our engineering services with accuracy while maintaining a true direction on every project.

Our Name: Building Technology is defined as "the art or business of assembling materials into a structure" and "practical application of knowledge especially in a particular area; a manner of accomplishing a task especially using technical processes, methods, or knowledge". We have selected this name for our consulting business because we consider ourselves as experts in the technical processes and methods of assembling building systems.

For more on the meaning of "Building Technology", go to www.btcpc.com/ourname.

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