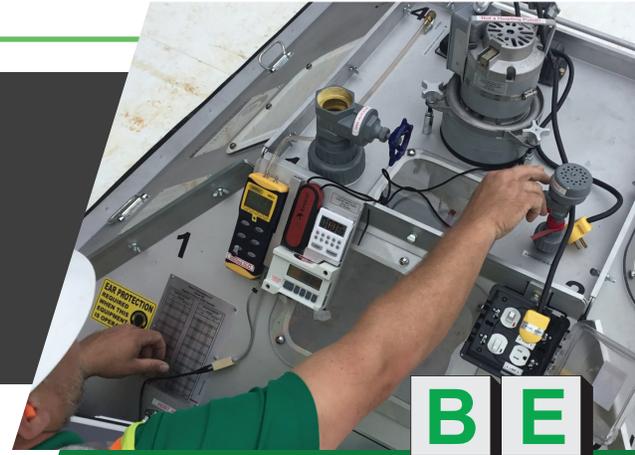


Introduction



BE-CI is a licensed professional building enclosure and engineering firm specializing in consulting for the entire building enclosure, and we welcome the opportunity to provide our professional services. We have been in business for over 30 years and have 12 offices throughout the United States.



Our mission is to offer clients professional consulting and engineering services that fit their needs. We provide a sensible approach to building enclosure solutions and services for new construction projects and existing and historic buildings.



Our typical new construction services include Design Peer Reviews, Submittal Reviews, Quality Assurance Site Visits, and Building Enclosure Testing. We have offices in Destin, Miami, Pensacola, and Tampa, Florida; Austin, Dallas, San Antonio, and Houston, Texas; New Orleans, Louisiana; Atlanta, Georgia; Nashville, Tennessee; and Denver, Colorado.

"A sensible approach to building enclosure solutions"

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New Construction Services

Over the years, we have worked with our clients to develop a process for third-party involvement in new construction projects. This process provides owners, contractors, and developers with the best value and benefits as they develop a property. Our approach comprises four phases: Design Peer Review, Construction, Consulting, Quality Assurance Site Visits, and Field Testing.



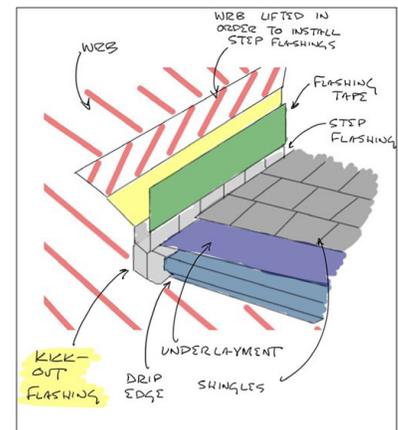
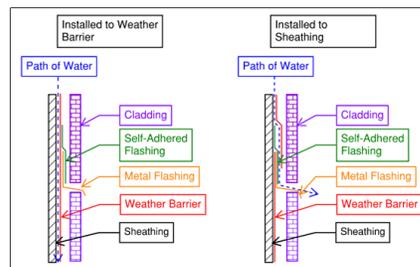
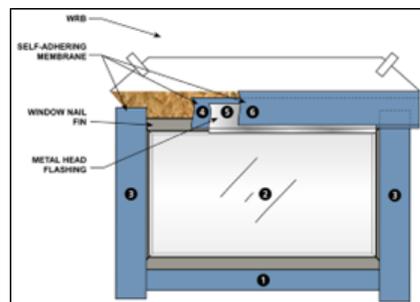
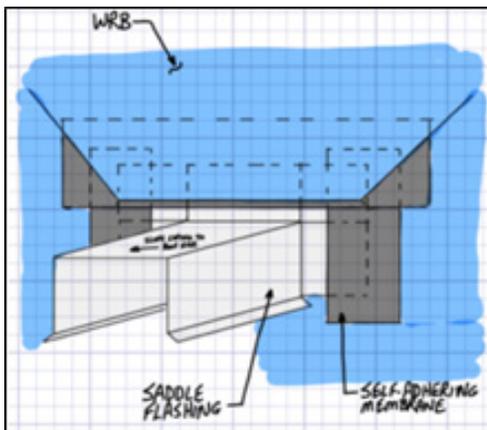
Design Peer Review (DPR). This process starts before construction begins. Our DPR considers industry standards, code minimums, client directives, and budget constraints based on years of experience. We provide written comments regarding water penetration control, water vapor accumulation, condensation control, building air leakage, and other issues related to building enclosure. In addition to written comments, we provide suggested detailed modifications on the drawings or complete example details for easy review and incorporation by the project's design professional.

Construction Consulting. Our process consists of a review of submittals, including comments on products, redline drawings, opinions on the systems submitted, their compliance with the construction documents, and other project requirements. We are not distant consultants, but active project team members. We use the consulting budget at your request to attend meetings or provide guidance on various building enclosure issues as the project progresses.

Quality Assurance Site Visits. Field observations are the most significant benefit to any project as they ensure the design becomes a reality in the field. We have vast experience working with various construction teams to ensure they install the exterior envelope as the plans specify. We also identify and solve issues as they arise during construction. While on-site, we are active and productive construction team members as we help identify and document non-compliant items. After completing our site visit, digital field notes are distributed to the team so corrections can begin immediately.

Field Water Testing. Visual observation can only tell you so much, so we work with project teams to prove through industry-standard tests to determine if construction meets design standards. We offer various field testing options from window water testing, EFVM, Roof Uplift, Air Barrier testing, and more!

Design Peer Review (DPR)



An independent Design Peer Review is one of the most essential steps in the overall design and construction process. We have a proven track record of providing dependable and sensible recommendations on exterior envelope design and detailing to architects, engineers, owners, and contractors alike. As project team members, we meet with clients to determine their specific needs on a project and tailor our comments on the exterior envelope to follow not only industry standards and best practices but also our clients' particular construction needs and desires.

The Design Peer Review typically takes place in two phases designed to work together to alert the client to specific building enclosure issues. It helps eliminate costly mistakes on the front end. The first phase ensures the documents have enough detail and clarity to allow field personnel to build the project. In the second phase, we dive into the details and provide sketches and recommendations on layering, sequencing, and selection of materials to ensure the project performs to the standards set forth by our clients. Our Design Peer Review report offers a complete evaluation of the specifications and details. We meet with clients and designers to discuss and review all results.

Context, Consistency, and Clarity are how we strive to achieve our strategy of providing a sensible approach to building enclosure solutions. Let us apply these principles to a design review of your project today.

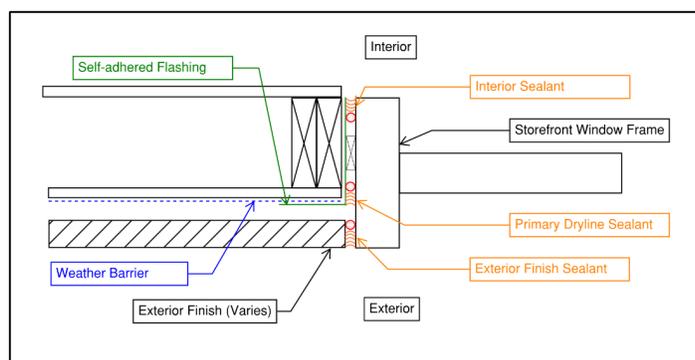
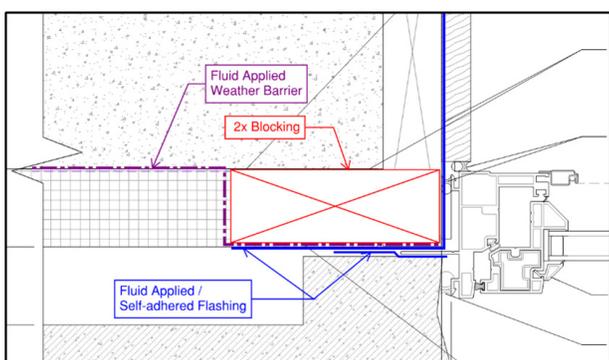
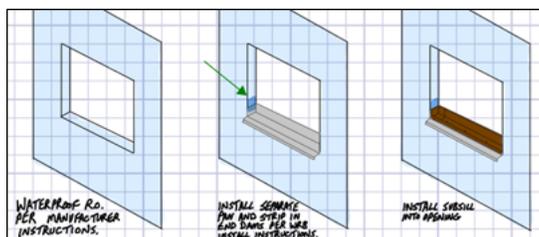
QA Site Visits



Well-planned and timed QA inspections are one of the best means to ensure quality workmanship and proper construction of the exterior envelope of a project. At BE-CI, we routinely perform QA site visits nationwide for contractors, designers, and owners on all types of buildings. We are well versed in the methods and materials used to construct the exterior envelope of multifamily, historic rehabilitation, high-rise, commercial projects, and other types in between.



We implement a process that leverages efficiency and individual expertise to ensure our clients maximize the benefit from our field observations. We review the project before arriving on site, and once we complete our site work, we provide our clients with a digital snapshot of any significant issues the same day we observe them. We call these our field notes. Corrections can begin immediately with these field notes, and your team won't have to wait on a formal report before taking action. We aim to issue finalized field observation reports to the client within 72 hours of completing the site visit. We also track the non-compliant conditions observed throughout the project's life and work with site teams to fix them. This closed-loop documentation is critical to documenting that projects are built per their design.



Building Enclosure Testing Services



The quality of construction can vary significantly from one job to another. One of the best ways to ensure the actual performance capability of the building enclosure components is through combined inspections and performing industry-standardized testing.

At BE-CI, we provide various standardized field-testing protocols to ensure compliance with the applicable codes and contract documents. We own and maintain an assortment of testing and evaluation equipment to assist in identifying various building component issues and failures and even verify the existence of certain overt conditions.

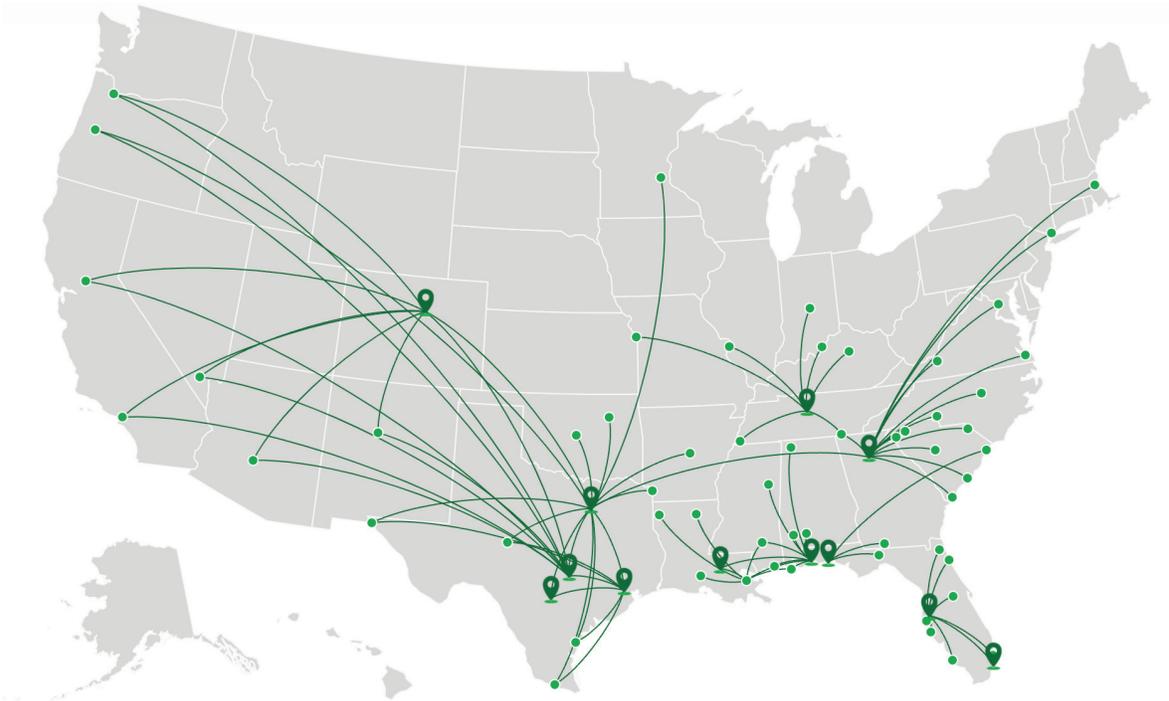
When you hire our team, you aren't getting a pass/fail testing lab but a partner in construction that can diagnose issues that may present themselves through field testing. Whether you are building a new, state-of-the-art high-rise, renovating a historic building, or trying to diagnose a leak in an existing property, our systematic and common-sense approach to building enclosure consulting assist you in completing your project.



Listed below are just some of the industry standard tests we offer:

- ASTM E1105 (Water Infiltration Testing)
- ASTM E783 (Air Infiltration Testing)
- AAMA 501.2 (Water Nozzle Testing)
- ASTM E1186 (Air Leakage Through Air Barrier Testing)
- FMG 1-52 (Roof Uplift Testing)
- ASTM D7877-14 (Electronic Field Vector Mapping, EFVM)
- ASTM 4541 (Pull-Off Strength of Coatings)
- ASTM C1521 (Evaluating Adhesion of Installed Sealants)
- ASTM C1046 (Infrared Testing)
- ASTM 2128 (Evaluating Water Leakage of Building Walls)

BE-CI Locations



Southwest Region

Austin

512-768-8320 Office

Dallas

214-307-8900 Office

Denver

720-551-9967 Office

Houston

713-970-1718 Office

San Antonio

800-842-7043 Office

Southeast Region

Atlanta

470-273-7106 Office

Miami

251-415-6200 Office

Nashville

615-241-6222 Office

Tampa

813-461-5066 Office

Gulf Coast Region

Destin

850-650-2311 Office

850-650-0091 Fax

Pensacola

850-912-9990 Office

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