

Design Review



- Assistance with preliminary design recommendations
- Conceptual sketching
- Design phase reviews, detailing and technical assistance
- Value engineering studies
- Bid reviews
- Observation and testing of preconstruction mock-ups
- Submittal reviews
- Construction period observation, documentation, and on-site evaluation of contractor quality control
- Reviews of Requests for Information
- Code compliance reviews

Our extensive experience in the investigation of problems provides fundamental and unique advantages in foreseeing potential problems during the design and construction phases for new buildings. Our technical professionals draw upon extensive knowledge of design and construction related issues to objectively provide practical technical guidance to help improve the energy efficiency, durability, constructability, and serviceability of their projects.

Our specialized expertise in and knowledge of critical performance issues can be vital to understanding and properly addressing design components less familiar to the design and construction teams. With the design and construction team, we develop practical, cost-effective, and technically sound solutions – routinely tailoring our services to meet the specific needs of a project or client.

During the design phase, we assist in the decision-making process regarding overall technical design, materials selection, and development of details and specifications. During construction, we participate in submittal reviews, on-site quality assurance, and enclosure performance testing to verify that the construction meets the intended design. We work collaboratively with the project team and provide practical recommendations to minimize the potential for durability and serviceability problems to occur before they are constructed and costly to remediate.

We provide real value by contributing the experienced and unbiased perspective of an industry leader in technical excellence and innovation.





SERVICE PROFILE

Design Review

REPRESENTATIVE PROJECTS

- 16 Chestnut - Denver, CO: Building enclosure design peer review and quality assurance testing
- Altis Boca Raton - Boca Raton, FL: Design review of concrete balconies
- Art Institute of Chicago Modern Wing - Chicago, IL: Structural peer review and construction phase services
- AT&T Stadium - Arlington, TX: Design peer review and construction observations
- Dow Chemical Corporate Headquarters - Midland, MI: Building enclosure design assistance and peer review
- Four Seasons Resort Lanai at Manele Bay - Lanai City, HI: Peer review of waterproofing design
- Franklin Delano Roosevelt Memorial - Washington, D.C.: Technical design and materials consulting
- Rowes Wharf - Boston, MA: Design review of plaza restoration
- Target Field - Minneapolis, MN: Design peer review of building envelope
- University of Houston, Health and Biomedical Sciences Building 2 - Houston, TX: Building enclosure design peer review and construction observation

