

Design Review



- Assistance with preliminary design recommendations
- Conceptual sketching
- Design phase detailing and technical assistance
- Value engineering studies
- Bid reviews
- Preconstruction technical review and field testing of mock-ups
- Construction period observation, documentation, and on-site evaluation of contractor quality control
- Code compliance reviews
- Third-party structural peer reviews
- Fitness for service reviews

WJE has applied our logical, rational, and practical approach to thousands of projects since our founding in 1956. Our engineers and architects draw upon extensive knowledge of construction-related issues to objectively assess design plans and provide technical guidance. Our independent design review provides a superior level of quality control and the confidence that comes with expert oversight.

WJE's 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. During the design phase, our engineers and architects assist in the decision-making process regarding overall design, materials selection, and development of details. The WJE reviewer helps the project team work through complex details, identifying systems and materials incompatibilities and mitigating future performance issues. Once construction is underway, the WJE reviewer's role extends to the assessment of submittals and samples as well as performance testing.

We work closely with the client and the design and construction teams throughout the project to review, refine, and implement design solutions that ensure long-term durability and client satisfaction. Our design review process supports the full project team—from the construction professionals to the owner—and provides 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

