

COMPANY OVERVIEW

FALCON ENCLOSURE CONSULTING

Falcon Enclosure Consulting, Inc. (FEC) was established in 2018 to serve the needs of many long-term clients in California, and nationwide. FEC provides a unique, practical, and more effective perspective on building enclosure design and building science. Years of expertise from different segments within the construction field provides knowledge and experience unlike any other consulting firm. We believe that an engineering consultant must have more than just theoretical and technical knowledge; an engineer should have some hands-on experience and extensive field experience to truly understand how assemblies are constructed, and what solutions are truly practical in terms of constructability, budget, and timeline.

In addition, we work with some of the best testing companies available to test and prove the performance of building assemblies. We will design large-scale mock-ups, and develop test protocol to test the assemblies and detailing. This added ability to test solutions for complex and unique situations helps to provide definitive answers and keep up with the evolving Building and Energy Code Requirements and reduce our clients' risk.

CLIENT FOCUS

Our focus is always our clients. We are a responsive, credible, and honest resource for our clients. We not only want to help turn design concepts into reality, but we want to make sure our clients get a well-performing building that meets their expectations. We work to protect the liability of our clients by preventing future issues with the performance of the building enclosure. We pride ourselves on being an active part of the project team to engage in problem-solving and teach the owners, architects, contractors, and other experts in order to expedite the resolution of questions and issues, and mitigate future concerns. We want to build and continue to develop our relationships with long-term clients for whom we can be an invaluable resource.

SERVICES

We provide services during all phases during a building's design, construction, testing, verification, maintenance, and rehabilitation. FEC provides building enclosure and building science consulting services. These services include:

ENGINEERING AND DESIGN

- Detail Development
- Specification Development
- Design Supplementation
- High-Performance Enclosure Design
- Building Science and Modeling
- Value Engineering
- Peer Review

CONSTRUCTION ADMINISTRATION

- Submittal Review
- Field Quality Control
- Field Engineering
- Document Review & Assistance

RENOVATION & REHABILITATION

- Defect Identification
- Repairs & Rehabilitation
- Renovations & Additions
- Historic Preservation

PERFORMANCE VERIFICATION

- Mock Up Design
- Mock Up Testing
- Field Testing

INVESTIGATIONS

- Due Diligence
- Defect discovery
- Litigation support

