

BUILDING ENCLOSURE CONSULTING SERVICES



INNOVATIVE BUILDING ENCLOSURE SOLUTIONS

Pie Forensic Consultants can provide a wide variety of consulting services focusing on building enclosure systems such as:

- Moisture, Air, Vapor and Thermal Barriers
- Fenestrations and Curtain Walls
- Roofing
- Facades and Claddings
- Plaza Decks & Below-Grade Waterproofing

Pie's extensive consulting expertise was born from over 10 years of conducting forensic evaluations of building enclosure systems. Simply stated, Pie knows how building enclosures should perform with regard to water, vapor, air and heat transfer efficiency.

Pie has provided building enclosure consulting services on over \$5.0 billion worth of new and retrofit construction projects for the department of defense, federal and local governments, institutional, medical, resort communities, and the private marketplace since 2002.

CLIENTS

- Developers
- General Contractors
- Design-Build Contractors
- Design Professionals (Architects and Engineers)
- Construction and Project Management Professionals
- Building Owners

SERVICES

- Technical Plan and Specification Reviews
- Hygrothermal Roof & Wall Assembly Analysis
- 2-D Heat Transfer Simulations
- Quality Assurance Site Observations
- Fenestration, Façade & Curtain Wall Testing
- Large Building Air Barrier Testing
- Roof Wind Uplift Testing
- Non-Destructive Evaluations and Diagnostics
- Infrared Thermography Services
- Forensic Investigations
- Rehabilitation Design and Project Management
- Building Enclosure Energy Audits
- Specialized Training Seminars

REPRESENTATIVE PROJECTS

- United States Air Force Academy Vandenberg Hall Cadet Barracks – Colorado Springs, CO
- Weber State University New Residential Life Phase Buildings – Ogden, UT
- David Walsh Cancer & Regional Medical Center – Sterling, CO
- U.S. Army Corps of Engineers Consolidated Troop Medical Center – Ft. Leonard Wood, MO
- University of Northern Colorado Butler Hancock Athletic Building – Greeley, CO
- Federal Building & U.S. Courthouse – Sioux Falls, SD
- City of Denver Police Crime Lab - Denver, CO
- University of Pennsylvania Morris Arboretum Horticulture Center – Philadelphia, PA
- U.S. Navy/NAFVAC Bachelor Enlisted Quarters - Camp Pendleton, CA
- Federal Aviation Administration (FAA) Rocky Mountain Regional Air Traffic Control Tower – Broomfield, CO
- Clemson University, SC Research Park: Innovation Center – Anderson, SC
- High Desert Church Children's Ministry Facility – Victor Valley, CA
- Colorado Discovery Museum – Fort Collins, CO
- U.S. Federal Courthouse – Yuma, AZ



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www.pieforensic.com