

## JEFFREY HOCH, AIA



Quality Built  
Chief Forensic Architect

**Recognizing that architecture doesn't end when the plans are submitted, Jeff Hoch realized he wanted to not only design and construct buildings, but also to discover how and why they fail. He has since built his knowledge base to incorporate design, construction, inspection, litigation, and diagnostic testing.**

Credibility is the number one requirement of a forensic consultant, and Jeffrey Hoch has earned his right to represent clients in mediations and forensic inspections. He has spent a considerable amount of time obtaining certifications and learning everything he can about why buildings fail. Jeff's extensive knowledge of building codes, design standards, local ordinances, forensic building failure analysis, and construction defects has earned him a reputation for successfully diagnosing problems that have stumped other "experts".

Throughout his 26-year career, Jeff has conducted thousands of inspections, while providing plan reviews, forensic investigations, and testing services in many states. On a day-to-day basis, he is responsible for supporting field consultants, project managers, and inspectors. This is why he is often aware of trends in construction defect issues before they are ever addressed in a courtroom.

Jeff's extensive experience, expertise, drive, and desire to make sure buildings are consistently constructed correctly has earned him the trust of builders, developers, mediators, attorneys, and insurance companies throughout Southern California.

### Areas of Specialty:

- AAMA Standards
- AIA Documents
- Air Infiltration Testing American with Disabilities Act Architectural Design
- ASTM Standards
- ASTM Testing
- Building Materials Standards Code Compliance
- Construction Defect Litigation
- Contractor's Right to Repair
  - NRS-40 Claims
  - SB-800 Claims
- Forensic Inspection
- Water Infiltration Analysis
  - Building Walls Testing
  - Roof and Deck Testing
  - Window and Door Testing

### Technical Experience:

- Window systems: water testing and assembly inspections.
- ASTM water testing: residential, commercial and healthcare structures.
- Air infiltration and building tightness testing.
- Defect claim project management: scheduling inspections, coordinating other consultants, preparing allocations, and attending mediations.
- Technical plan reviews.
- SB-800 claims: customer service forensic testing and repair recommendations.

### Technical Experience (cont.):

- Mold inspections: in conjunction with other inspections or as a stand-alone inspection. Visual inspections based on the AIC2 standards of practice. Prepare reports including laboratory results.
- Thermal imaging inspection: in conjunction with other inspections or as a stand-alone inspection. Perform a thermal imaging scan of the structure to identify potential anomalies that may indicate moisture intrusion or heat loss conditions.
- Energy audits per InterNACHI standards of practice: Visual inspection of property in conjunction with real estate inspection. Data from the inspection is entered in a US Department of Energy computerized program. Based on report from USDOE, potential ways to save energy through various improvements can be recommended.

### Forensic Consulting Experience:

Thousands of water tests on window systems across the country.

Prevented a lawsuit against a builder, reducing risk by millions of dollars, and enhancing the comfort of building occupants.

Reduced the builder's risk by millions of dollars by overseeing multiple inspectors and laborers for forensic testing of over 600 window assemblies on a large-scale high-end condominium project.

Partial List of Specific Projects

- County of San Diego: Lakeside Community Center, North County Regional Center, and Rancho San Diego Branch Library
- 6320 Lakeview Drive, LLC, 6320 Lakeview Drive
- Arch Insurance, Casa Bella on Westshore
- Barratt American, Seahaus
- Block 588 Condominium Development, LLP, 3110 Thomas Avenue

- DR Horton, Miro and Ravel
- Mid-Atlantic Builders, 13414 Marburg
- Morrison Homes, 21163 E. Greenwood Pl.
- Regis Homes, Bay Street One
- Shelby Homes, Meadows of Estero
- Shughart, Thompson & Kilroy, PC, Besse Residence
- Wespac, Residence on Main
- Brookfield Homes, Treo Irvine

### Professional Experience:

*2013 – Present*

#### **Quality Built, Architectural Expert**

Single, multi-family, and mixed-use development. Provide technical support, technical plan reviews, property condition assessments, quality assurance, and forensic customer service testing. Prepare and review technical guides and inspection programs.

*2012 - 2013*

#### **Millenium Information Services, Inc.**

##### **Independent Field Representative**

Perform property inspections including Mid-Value and High -Value surveys as part of a risk management service for property and casualty insurance companies.

*2004 - 2012*

#### **Pacific Property Consultants**

##### **Architect/Project Manager**

Testify as an expert in construction defect cases, manage construction defect claims, and forensic testing. Assist Builders in claims under ASRS Title 12, CASB 800, NRS 40, and other Builder's Right to Repair statutes. Perform project evaluations, and other inspections as required.

*1998 - 2004*

#### **West Coast Property Consultants**

##### **Construction Quality Control Inspector**

Peer plan reviews, preconstruction project review, inspection management on single and multi-family construction projects, site inspection, data compilation for reports,

*1994-1998*

**JR Bardin, Forensic Inspector**

Performed construction defect related forensic site inspections including intrusive testing.

*1991-1993*

**Architechnology, Forensic Inspector**

Performed construction defect related forensic inspections and prepared written reports of findings as well as court exhibits

**Education, Certifications & Training:**

**Bachelor of Arts, Architecture**

New School of Architecture

**Continuing Education**

Average of over 100 hours of continuing educational classes each year. A full list of recent course work is available upon request.

**Licensed Architect**

California C26482

**Professional Licenses and Certifications:**

- ICC Certified Residential Building Inspector, 2013, ICC
- Certified Professional Inspector, 2012, InterNACHI
- Certified Home Energy Inspector, 2012, InterNACHI
- Certified Lead Safe Work Practices Inspector, 2013, InterNACHI
- Certified Mold Inspector, 2013, IAC2
- Certified Renovator Inspector, 2013, InterNACHI
- OSHA 30 Hour, 2014, OSHA 360
- OSHA Fall Protection, 2014, OSHA 360
- OSHA Scaffolding, 2014, OSHA 360
- OSHA Aerial Lift/Scissor Lift, 2011, OSHA 360
- OSHA Stairways and Ladders, 2011, OSHA 360
- Registered SAP Evaluator, 2011, Cal-EMA Safety Assessment Program (SAP).
- AutoCAD release 12, Levels 1-3, 1995, AutoDesk

**Association Involvement:**

American Institute of Architects (AIA), Member Architect

International Association of Certified Home Inspectors, Inc. (InterNACHI), Member with \$10,000 Honor Guarantee

American Architectural Manufacturers Association (AAMA), Professional Member

American Society for Testing and Materials (ASTM), Participating Member

National Fire Protection Association (NFPA), Member

**Publications:**

**Dryer Duct Length Best Practices: Reducing the Risk of Dryer Fire**

www.qualitybuilt.com, Newsletter, 12/10/15

[LINK TO ARTICLE](#)

**Flashing Panels For Exterior Wall Penetrations**

Co-Authored by Frank Yellico, PE

www.qualitybuilt.com, Newsletter, 11/12/15

[LINK TO ARTICLE](#)

**CPVC Compatibility Issues**

www.qualitybuilt.com, Newsletter, 10/15/15

[LINK TO ARTICLE](#)

**Seam Seal Tape**

www.qualitybuilt.com, Newsletter, 09/04/14

[LINK TO ARTICLE](#)

**Two Problems with Every One-Coast Installation**

www.qualitybuilt.com, Newsletter, 06/09/14

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