

# Architectural Diagnostics Ltd.

Building Diagnostics • Failure Analysis • Remedial Architecture • Architecture

**RESUME OF: JAMES N. REINHARDT, AIA, CSI**

January 2015

**EMPLOYMENT:**

Architectural Diagnostics, Ltd., Honolulu, HI; President, 1990 to present.  
TRB/Hawaii, Ltd., Honolulu, HI; President, 1982 - 1990  
CJS Group Architects, Honolulu, HI; Principal, 1980 - 1982  
Anderson/Johnson/Reinhardt Ltd. Honolulu, HI; President, 1972 - 1980  
Au, Cutting, Smith & Associates, Honolulu, HI; Associate, 1968 - 1972  
Mithun & Associates, Bellevue, WA; 1966 - 1968

**EDUCATION:**

Dartmouth College, Hanover, NH; Bachelor of Arts- Art History 1960  
University of California, Berkeley, CA; Department of Architecture, 1960 - 1962  
University of Washington, Seattle, WA; Bachelor of Architecture, 1966

**LICENSES:**

Architect- Washington #1835, 1969 to present  
Architect- Hawaii #2731, 1970 to present  
Architect- Colorado #306440, 2002 to 2014

**PROFESSIONAL ASSOCIATIONS:**

American Institute of Architects (AIA), 1969 to present  
Member Emeritus 2010  
President, Hawaii Society: 1979  
Vice president, Hawaii Society: 1978  
Secretary, Hawaii Society: 1976  
Director, Hawaii Society: 1973 & 74  
Editor, Hawaii Architect: 1972 - 1978  
Construction Specifications Institute (CSI), 1983 to present  
Construction Document Technologist, 1992 to present  
Technical Committee, 1997-2000  
American Society of Testing and Materials (ASTM)  
American Society of Professional Estimators (ASPE) 2010 to 2015  
International Code Council (ICC)  
Dispute Prevention and Resolution , Arbitration/Mediation Panel, 1995 to present  
Hawaii Pest Control Association  
Industry Improvement Committee 1999-2001  
Termite Inspection Training Seminars, Instructor, 1995-2015  
Advisory Committee to the Honolulu Building Department on Termite Protection 1996-99  
State Building Code Council- Hawaii AIA Chapter representative. 2012 to present

**EXPERT QUALIFICATIONS:** State of Hawaii, District Court, 1st, 2nd and 3rd Circuits. Architectural design, practice, and ethics, construction and construction industry practices, repair & maintenance of buildings, waterproofing, window systems, selection & evaluation of flooring materials, design & evaluation of steps & stairways, interpretation of construction contracts & documents, interpretation of property restrictions & restrictive covenants.

**CONTINUING EDUCATION:**

Building Investigation Seminar; Roofing Consultants Institute; 25 & 26 January 2010  
Construction Defect Claims in Hawaii; Lorman Educational Services, 2004 & 2005  
Solving Water Intrusion & Mold Problems in Hawaii; Lorman Educational Services 2004 & '05  
ASTM Symposium; Science & Technology of Building Seals, Sealants and Waterproofing. '98  
Plaza and Below-Grade Waterproofing; Univ. of Wisconsin, College of Engineering. 1996  
Ensuring Failure Free Buildings; Univ. of Wisconsin, College of Engineering. 1994  
Wood Behavior and Treatment; Univ. of Hawaii, School of Architecture. 1990  
Water in Exterior Building Walls- Problems and Solutions; ASTM Symposium. 1990  
Chemistry of Construction Materials; Univ. of Hawaii, School of Architecture. 1987  
Wood Characteristics, Behavior & Problems; Univ. of Hawaii, School of Architecture. 1981  
Construction Litigation; Univ. of Hawaii, Depart of Continuing Education. 1979  
Water Infiltration, Theory and Practice; Univ. of Hawaii, School of Architecture. 1977

## TEACHING:

"Building Codes in Hawaii," Lorman Educational Services, 11 May 2012  
"AIA Contracts," Lorman Educational Services, 27 March 2012  
"How to Keep Construction Projects From Going Bad," Lorman Educational Svcs, 12 July '11  
"Building Code Update", Lorman Educational Services, 13 May 2011  
Building Investigation Seminar; Roofing Consultants Institute; 25 & 26 January 2010  
Seminar: Keeping the inside In and the Outside Out; Hawaii State AIA; 9 Oct '08  
"So your Building is now 25 years Old. Now What", Maui Community Council, 30 Oct '08  
"Do You Really Need 3 Bids?", Community Associations Institute, Mar 2007  
"Moisture, Air and Vapor Barriers in Construction", Hawaii State AIA, Oct '06  
"Water Intrusion and Mold in Buildings", Hawaii Island AIA, Apr '06  
"Construction Defect Claims in Hawaii", Lorman Educational Services, Apr '04 & '05  
"Solving Water Infiltration and Mold Problems in Hawaii", Lorman Educ. Svcs, Mar '04 & '05  
"Maintaining Your 30 Year Old Building", Community Associations Institute, Apr '05  
"History and Design of Curtain Walls", Roofing Consultants Institute, Jan '04  
"Mold Prevention thru Design- Case Studies," Institute for Mold Control, Univ. of HI, Jun '03  
"Build and Buy Green/Hawaii: Health & Indoor Air Quality", BIA, EPA, GSA, DBET, Apr '03  
"Solving Water Intrusion and Mold Problems in Hawaii", Lorman Educational Svcs. Mar '03  
"Sick Buildings in Hawaii", State of Hawaii, Department of Health. July 2002  
"Failures in Fiber-Cement Shingles in Hawaii", Roofing Consultants Institute. Jan '02  
"Selection of Residential Windows", AIA, Honolulu Chapter. November 2001  
"Termite Protection Practices in Hawaii", Tokyo Termite Symposium. May 2001  
"Termite Protection Practices in Hawaii", Forum on Construction Practices to Resist Formosan Subterranean Termite Attack, Louisiana State Univ, Agriculture Research Center Jun'00  
"Termite Protection of Wood Frame Structures in HI", Amer. Wood Preservers Assoc. May 2000  
"Toxic Mold in the Home", Community Associations Institute. 17 February 2000  
"Installation Procedures for Basaltic Termite Barrier", Univ. of Hawaii, Dept of Entomology '98  
"Maintenance and Renewal of your 20 year old Building", Community Assoc. Institute. 1998  
"Coating Failures", Construction Specifications Institute, Hawaii Chapter. 1997  
"Termite Prevention in Wood Frame Structures", AIA- Honolulu Chapter. 1996  
"Wood Treatment for Hawaii", AIA, Honolulu Chapter. 1996  
"Termite Prevention in Wood Frame Condominiums", Community Associations Institute. '95  
"Termite Mitigation Measures for Design", Univ. of HI, School of Arch. w/ AIA, Honolulu. '94  
"Termite Inspector Training Course", Hawaii Pest Control Association. 1993 - 2001  
"Materials and Methods of Construction", Univ. of Hawaii, School of Architecture. 1976-87.

## PUBLICATIONS:

**Hawaii Community Associations**, "Window Replacement for Condo's", Spring 2010  
**Hawaii Community Associations**, "Renovation Guidelines for Condo Boards", Aug/Sep '08  
**Building Management Hawaii**, "if you want to test your guardrails..", June/July 2005  
**Building Management Hawaii**, "The Destructive Power of Fire"; Elisha & Reinhardt, Aug/Sep 02  
**Journal of Sociobiology**, "Installation Guidelines for the Basaltic Termite Barrier: A Particle Barrier to Formosan Subterranean Termites"; Yates, Grace & Reinhardt, Vol 35, No.1, 2000  
**Journal of the International Society of Indoor Air Quality and Climate**, "Air Sampling and Mold Contamination in Mold-Damaged Buildings", Miller, Haisley & Reinhardt, Vol X-2000  
**Pacific Rim Standards**, "Troubleshooting Waterproofing Failures", June/July '98  
**Pacific Rim Standards**, "Use of Sealants", June/July '98  
**Pacific Rim Standards**, "Termite Control in Wood Frame Construction", July '97  
**The Community Assoc. Inst. Reference Book**, "Termite Control in Existing Bldgs", '96,'97,'98  
**Hawaii/Pacific Architecture**, "The Wood Treatment Wars", "Alternative Wood Products", Jul '96  
**Hawaii/Pacific Architecture**, "Wood Treating- A Primer", March '96  
**Hawaii/Pacific Architecture**, "Single Barrier vs Multi-Barrier Waterproofing", Feb '96  
**Hawaii/Pacific Architecture**, "Weapons Against Termites", October '95  
**Hawaii/Pacific Architecture**, "Termite Mitigation Measures in Design", January '95  
**Hawaii/Pacific Architecture**, "Moisture in Buildings", January '95  
**Hawaii Architect**, "Solving Flashing Problems", July 1988  
**Hawaii Architect**, "Designing a Waterproof Structure", May 1987  
**Hawaii Architect**, "Five Common Waterproofing Problems", May 1986  
**Hawaii Architect**, "Renovating Chinatown's Oahu Market", May 1984  
**AIA Journal**, "A Climate-Bred System of House Building", March '82.