
Architectural Diagnostics Ltd.

Building Diagnostics • Failure Analysis • Remedial Architecture • Architecture

RESUME OF: JAMES N. REINHARDT, AIA, CSI

January 2006

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 present

PROFESSIONAL ASSOCIATIONS:

American Institute of Architects (AIA), 1969 to present
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)
International Code Council (ICC)
American Arbitration Association (AAA), 1986 to 2002
Large, Complex Case Panel, 1993 to 2002
Hawaii Pest Control Association
Industry Improvement Committee 1999-2001
Termite Inspection Training Seminars, Instructor, 1995-2001
Advisory Committee to the Honolulu Building Department on Termite Protection 1996-99

CONTINUING EDUCATION:

Construction Defect Claims in Hawaii; Lorman Educational Services, 2004 & 2005
Solving Water Intrusion and Mold Problems in Hawaii; Lorman Educational Services 2004 & 2005
Louisiana State University, Agriculture Research Center; Practices to Prevent Subterranean
Termite Damage. June 2000
ASTM Symposium; Science & Technology of Building Seals, Sealants and Waterproofing. '98
Univ. of Wisconsin, College of Engineering; Plaza and Below-Grade Waterproofing. 1996
Univ. of Wisconsin, College of Engineering; Ensuring Failure Free Buildings. 1994
Univ. of Hawaii, School of Architecture; Wood Behavior and Treatment. 1990
ASTM Symposium; Water in Exterior Building Walls- Problems and Solutions. 1990
Univ. of Hawaii, School of Architecture; Chemistry of Construction Materials. 1987
Univ. of Hawaii, School of Architecture; Wood Characteristics, Behavior and Problems. 1981
Univ. of Hawaii, Depart of Continuing Education; Construction Litigation. 1979
Univ. of Hawaii, School of Architecture; Water Infiltration, Theory and Practice. 1977

TEACHING:

"Construction Defect Claims in Hawaii", Lorman Educational Services, Apr '04 & '05
 "Solving Water Infiltration and Mold Problems in Hawaii", Lorman Educational 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", Louisiana State Univ, Agriculture Research Center, Conference- Practices to Prevent Subterranean Termites Damage, June 2000
 "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 Associations Institute. 1998
 "Termite Prevention in Wood Frame Structures II", AIA- Honolulu Chapter. 1997
 "Coating Failures", Construction Specifications Institute, Hawaii Chapter. 1997
 "Termite Prevention in Existing Structures", Community Associations Institute. 1997
 "Termite Prevention in Wood Frame Structures", AIA- Honolulu Chapter. 1996
 "Wood Treatment for Hawaii", AIA, Honolulu Chapter. 1996
 "Hazards of Hawaii- Termites", AIA, Hawaii Island Section. 1995
 "Termite Prevention in Wood Frame Condominiums", Community Associations Institute. '95
 "Termite Mitigation Measures for Design", Univ. of HI, School of Architecture w/ AIA, Honolulu. '94
 "Termite Inspector Training Course", Hawaii Pest Control Association. 1993 - 2001
 "Modified Bitumen Roofing Systems", Hawaii Roofing Contractors Association. 1988.
 "Materials and Methods of Construction", Univ. of Hawaii, School of Architecture. 1976-87.

PUBLICATIONS:

Building Management Hawaii, Guardrail Adequacy, 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 the Extent of Mold Contamination in Some Mold-Damaged Buildings", Miller, Haisley & Reinhardt, Vol X-2000, p. 146-151.
Pacific Rim Standards, "Troubleshooting Waterproofing Failures", June/July '98
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.

EXPERT QUALIFICATIONS: State of Hawaii, District Court, 1st, 2nd and 3rd Circuits.

Architectural design, practice, and ethics, construction and construction industry practices, waterproofing, window systems, repair and maintenance of buildings, selection and evaluation of flooring materials, design and evaluation of steps and stairways, interpretation of construction contracts and documents, interpretation of property restrictions and restrictive covenants.