Curriculum Vitae of

JED B. LARSEN, M.E., P.E.

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SYNOPSIS

Mr. Larsen is an expert in evaluating failures, determining the cause and extent of damage, and providing code-compliant repair strategies for commercial and residential properties and construction sites. Throughout his career, he has performed thousands of onsite evaluations of building components, including but not limited to roofs, windows, cladding, foundations, and interior finishes. His education and career research includes failure analysis of construction materials, including wood, steel, fiberglass, asphalt, and concrete. He has conducted various tests on building envelope materials (e.g., roofing, windows, and cladding) to emulate weather conditions and has authored a publication on the adequacy of design roof loads. Based on Mr. Larsen's research and projects, he was commissioned by law enforcement to provide support regarding alleged vandalism to building materials caused by apparent attempts to mimic or exaggerate storm damage. Mr. Larsen has provided testimony regarding the application and analysis of building code standards, construction defects, design defects, real estate transaction disclosure issues, and other construction-related matters. Mr. Larsen's experience also includes premises liability investigations involving slips, trips, and falls, stairways, means of egress, snow and ice management, and associated human factors. He has served as an expert in matters that have affected Utah case law concerning property damage and repairability. An area of particular emphasis throughout his career has been his focus on determining the cause of water intrusion through building envelopes using nondestructive testing. Mr. Larsen is a certified Master Thermographer in compliance with the American Society for Nondestructive Testing (ASNT) and has taught seminars and provided testimony regarding the principles of infrared technology. Mr. Larsen is a specialist in investigating wall and roof assemblies for trapped moisture and/or construction deficiencies using infrared and electrical impedance. Mr. Larsen's experience includes analysis of structures or components that have sustained damage or are otherwise defective from corrosion, wood rot, long-term wear, exposure to materials known to be toxic, as-built conditions, poor design, manufacturing defects, freeze/thaw, earthquakes, wind/hail, explosions/vibrations, fire, snow/ice, soil issues, grading/drainage, plumbing leaks, mudslides, sinkholes, flooding, and tree/vehicular impacts.

EDUCATION

Utah State University

M.Eng. Civil and Environmental Engineering — 2010
Structural Emphasis

B.S. Civil and Environmental Engineering — 2009

REGISTRATION

Registered Professional Engineer in the States of Arizona, Arkansas, California, Colorado, Idaho, Kansas, Louisiana, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming

Certified Level III Master Thermographer

EXPERIENCE

Palmer Engineering and Forensics, LLC, North Salt Lake, Utah

Vice President	2026 – Pres
Senior Engineer	2024 – 2026

Nelson Forensics, LLC: Dallas, Texas; Irvine, California; Draper, Utah

Technical Director	2015 – 2024
Project Director	2013 – 2015
Associate	2010 – 2013

EXPERT TESTIMONY

Mr. Larsen has provided expert testimony in various jurisdictions across the country regarding property damage disputes. He has been qualified as an expert witness and has testified in depositions and arbitration.

PROFESSIONAL AFFILIATIONS

Member of the American Society of Civil Engineers (ASCE)

Member of the National Roofing Contractors Association (NRCA)

Member of Structural Engineering Institute (SEI)

Member of the California Emergency Management Agency's (CalEMA) Safety Assessment Program (SAP)