

Darin V. Lasater, P.E.

Principal



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AREAS of EXPERTISE

Architectural, Structural, Civil and Environmental Engineering and Construction

SUMMARY of EXPERIENCE

Mr. Lasater has 28 years of comprehensive construction, architectural, structural, and civil engineering experience. As a design engineer, he has designed foundation and superstructure, roof, cladding, utility, and pavement repairs and renovations for multi-family housing units, office complexes, retail facilities, warehouses, educational facilities, industrial processes, and residential properties. He has conducted over 410 real estate property inspections to report the condition of existing buildings and other real property and has conducted more than 1,300 forensic investigations to determine cause and extent of damage to building superstructure (steel, wood, concrete), roofs, foundations, pavements, finishes, indoor air, and building cladding. Serving as construction project manager, he has completed multiple construction projects on time and within allotted budget.

FORMAL EDUCATION

Master of Science in Civil Engineering (Construction Management) - University of Washington (1990)
Bachelor of Science in Architectural Engineering (Structures) with honors - University of Colorado (1983)

PROFESSIONAL POSITIONS

2004-present Acute Engineering, Inc. - Principal
1998-2004 Triune Engineering, Inc. - Vice President of Engineering
1995-1998 The Evans American Corporation (Disaster Reconstruction Contractor) - Regional Manager
1995 Law Engineering & Environmental Services - Project Manager
1992-1995 Naval Regional Contracting Center, Singapore - Resident Officer in Charge of Construction
1990-1992 Naval Air Station - Assistant Public Works Officer
1986-1989 U.S. Navy Civil Engineer Corps Officers School - Instructor
1983-1986 U.S. Naval Mobile Construction Battalion (Seabees) - Officer-in-Charge
1982 Hensel Phelps Construction Company - Field Engineer

CERTIFICATIONS and REGISTRATIONS

Licensed Professional Engineer (Architectural, Structural, Civil) - Texas (License #83586)
Licensed Professional Engineer (Civil) - California (License #44041)
Licensed Professional Engineer (Civil) - Louisiana (License #32418)
Certified Structural Engineer #1293-110 5 - Structural Engineering Certification Board
Board Certified Building Inspection Engineer - Building Inspection Engineering Certification Institute
STAAD Certified Engineer - Research Engineers International
Licensed Mold Assessment Consultant #MAC0116 - Texas Department of State Health Services
Council-certified Indoor Environmental Consultant #0612043 - The American Indoor Air Quality Council
Certified Microbial Consultant - The American Indoor Air Quality Council
Qualified Windstorm Inspector #83586 - Texas Department of Insurance Property & Casualty Program
Certified Federal Emergency Management Agency (FEMA) Disaster Housing Inspector
Certified EIFS/Stucco Third-party Inspector - Exterior Design Institute
Former Department of Defense Construction Contracting Officer

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PROFESSIONAL MEMBERSHIPS and ASSOCIATIONS

Member of American Society of Civil Engineers (ASCE)
Member of the Architectural Engineering Institute (AEI) of ASCE
Member of the Structural Engineering Institute (SEI) of ASCE
Member of the Construction Institute of ASCE
Member International Society for Soil Mechanics & Geotechnical Engineering
Member of the National Society of Professional Engineers (NSPE)
Member of the Texas Society of Professional Engineers (TSPE)
Professional Member of the National Academy of Building Inspection Engineers (NABIE)
Professional Member of the American Institute of Steel Construction (AISC)
Member of the American Concrete Institute (ACI)
Professional Member of Roof Consultants Institute (RCI)
Member of the National Roofing Contractors Association (NRCA)
Member of the Exterior Design Institute (EDI)
Professional Member of the International Code Council (ICC)
Engineer Member of the Texas Association of Real Estate Inspectors (TAREI)
Member of the National Fire Protection Association (NFPA)
Design Professional Member of the American Forest & Paper Association (AF&PA) American Wood Council (AWC)
Member of the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE)
Member of the Indoor Air Quality Association (IAQA)
Member of ASTM International
U.S. Naval Reserve (LCDR Civil Engineer Corps) retired

MAJOR PROJECTS and RESEARCH

Hurricane Ike Wind Damage Investigation and Analysis - Southeast Texas
Hurricane Dolly Wind Damage Investigation and Analysis - South Texas
Investigation of Premature Deterioration of Steel Roof Deck in Multiple Office/Warehouse Buildings - Houston, Texas
Tornado Damage Structural Evaluation of 12 Airport Buildings - McKinney, Texas
Office Building Architectural and Structural Design - Houston, Texas
Hurricane Rita Wind Damage Investigation and Analysis - Southeast Texas
Hurricane Katrina Wind Damage Investigation and Analysis - South Louisiana
Fire-Damage Reconstruction Design - Multi-Family Housing (multiple projects) - Texas
Casino Structural and Water Damage Assessment and Repairs (Hurricane Rita) - Vinton, Louisiana
Pre-Engineered Building Collapse Investigation and Reconstruction Design (tornado) - Alvin, Texas
Ship Loader Crane Collapse Investigation and Structural Modeling (construction defects) - Port Arthur, Texas
Television Ministry Church Construction - Newark, Texas
Structural Damage Investigation and Reconstruction (bomb blast) - Colombo, Sri Lanka
Hurricane Marilyn Damage Investigation and Reconstruction - St. Thomas, U.S. Virgin Islands
Northridge Earthquake Damage Investigation and Reconstruction - California State University, Northridge
U.S. Naval Facility Construction (office bldg, warehouses, recreation facilities, communications center, housing) - Singapore
U.S. Naval Facility Renovations (office bldg, barracks, gymnasium) and Construction (parking, steel pontoons)- Japan
Tabor Center High-Rise Construction - Denver, CO
"Triaxial Performance of Controlled Density Fill in Utility Trench Excavations" (published thesis)- University of Washington

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PAST HONORS

University Scholarships

4 Navy Commendation Medals

Society of American Military Engineers' "Best Individual Member" Award

"Skyscraper Award" - Criterium Engineers Affiliate

updated 2/20/09