

JESSE F. NIETHAMMER, M.S., E.I.

EDUCATION:

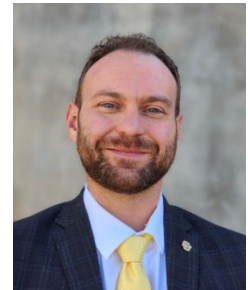
B.S. Civil Engineering, (Structural), University of Colorado, Denver, CO, May 2023
M.S. Civil Engineering, (Structural), University of Colorado, Denver, CO, May 2025

REGISTRATION:

Mr. Niethammer is a Registered Engineer Intern in Colorado
NCEES Record Holder #22-900-43

EXPERIENCE:

Project Engineer, Knott Laboratory, LLC, Centennial, Colorado, April 2023 to present
Structural Engineering Intern, KL&A Engineers and Builders, Golden, Colorado, January 2023 to April 2023
Civil Engineering Intern, RES Americas, Broomfield, Colorado, June 2022 to August 2022
Math and Physics Tutor, Community College of Denver, Denver, Colorado, October 2019 to October 2021
Water Distribution Field Operator, Aldasoro Ranch Homeowners Company, Telluride, Colorado, August 2020 to August 2021



FORENSIC AND RECONSTRUCTION ENGINEERING:

Mr. Niethammer has investigated cases involving property damage caused by fire, moisture intrusion, hail, corrosion, foundation and structural failures, vehicular impacts, construction defects, and various other environmental and man-made hazards. At Knott Laboratory, he conducts structural evaluations and failure analyses on residential and commercial structures, including assessments of building envelopes. His experience includes both destructive and non-destructive testing methods.

Mr. Niethammer has designed structural repairs for a wide range of residential and commercial buildings following his investigations. His designs incorporate various construction materials such as masonry, wood and timber, reinforced concrete, prestressed and post-tensioned concrete, structural steel, and emerging composite materials. These designs have included structural elements within gravity, lateral, and foundation systems, and were developed in accordance with numerous building code standards, including those published by the International Code Council (ICC), American Society of Civil Engineers (ASCE), American Concrete Institute (ACI), American Institute of Steel Construction (AISC), National Design Specification for Wood Construction (NDS), and The Masonry Society (TMS).

ENGINEERING AND DESIGN:

Prior to completing his engineering degrees, Mr. Niethammer gained valuable experience across various phases of construction, manufacturing, operations, and sales. This diverse background provides him with a holistic understanding of the implementation processes during reconstruction, rehabilitation, and new design of both residential and commercial projects. His practical experience enhances his ability to accurately identify structural issues and develop effective repair and improvement strategies.

Mr. Niethammer also has experience in construction administration, including responding to Requests for Information (RFIs), reviewing submittals, offering advisory problem-solving, and preparing conformance documentation. Beyond typical residential repairs, remodels, and additions, he has contributed to the rehabilitation and adaptive reuse of historic structures. Additionally, he is proficient in operating laser scanning equipment to document and analyze existing structures using point cloud data.

PROFESSIONAL AFFILIATIONS:

Mr. Niethammer is a member of the following technical and professional societies:

AISC	American Institute of Steel Construction	ASCE	American Society of Civil Engineers
AWC	American Wood Council	SEAC	Structural Engineers Association of Colorado
SEI	Structural Engineering Institute	TMS	The Masonry Society