



Zohaib A. Alvi, P.E.
601 Portion Road,
Suite 205
Lake Ronkonkoma, NY 11779
631.991.8002
zalvi@consultz.net

Curriculum Vitae

Summary of Qualifications

I am a Civil, Structural, and Forensic Engineering Consultant, and Principal of za/engineering. I am a graduate of State University of New York, Farmingdale State College, and have dual Bachelor of Science degrees in Architectural Technology and Construction Management Engineering Technology (ETAC-ABET Accredited Programs). I also have an Engineering Leadership Certificate from Cornell University. I am a Licensed Professional Engineer (P.E.) and maintain licensure in New York, New Jersey, Connecticut, Pennsylvania, and Texas. I have extensive experience in evaluation, repair, and rehabilitation of existing structures and historic buildings, and I am skilled in the structural design of new commercial and residential structures.

I am also highly experienced in forensic investigations evaluations, to determine the cause and origin of structural deficiencies, damage following accidents, weather-related damage, and other concerns. I also have experience in verifying construction compliance with applicable building codes and contract specifications, evaluating impact of construction errors, change orders, and damages during construction, along with evaluating job site safety concerns. I have also facilitated seminars for professional organizations for continuing education credits.

Professional Engineering Licenses

Licensed in the following States: *New York, Connecticut, Texas, Pennsylvania, and New Jersey*

Education

State University of New York – Farmingdale State College

Dual Bachelor of Science – May 2008

Architectural Technology and Construction Management Engineering Technology - ETAC/ABET Accredited Programs

Recent Presentations and Public Events

Structural Consideration When Installing Rooftop Solar Panels

Engineer's Joint Committee of Long Island (EJCLI) E-Week Seminar – Long Island, New York – February 2021

An Introduction to Forensic Engineering

A Joint Presentation by the Long Island Branches of the ASCE and NSPE – Long Island, New York – February 2021

Building Personal Resilience

New York Build Expo, Manhattan, New York – March 2020

What if Forensic Engineering?

New York State Society of Professional Engineers – Long Island Branch, Long Island, New York – January 2020

Professional Memberships and Affiliations

American Society of Civil Engineers (ASCE)

National Society of Professional Engineers (NSPE)

Structural Engineers Association of New York (SEAoNY)

National Academy of Forensic Engineers (NAFE)

ASTM International (ASTM)

International Association for Bridge and Structural Engineers (IABSE)

National Academy of Building Inspection Engineers (NABIE)

Recent Publications

Why Should I Care About Diversity in Engineering? (Contributing Author)

PE Magazine: The Magazine for Professional Engineers – July/August 2020 Issue

The Importance of Learning About History (For Engineers Who Never Liked History)

PE Magazine: The Magazine for Professional Engineers – Fall 2020 Issue

Don't Let an 'Imposter' Derail Your Career

PE Magazine: The Magazine for Professional Engineers – Spring 2021 Issue