

HALEY H. KILGORE, P.E.

Staff Structural Engineer
haley@pseglobal.com



February 6th, 2020

PROFESSIONAL EXPERIENCE

Paragon Structural Engineering, LTD.

Staff Structural Engineer (July 2019 – Present)

Senior Structural Engineer (September 2010 – July 2011)

Graduate Structural Engineer (June 2005 – January 2009)

As Staff Structural Engineer for Paragon Structural Engineering, LTD. (PSE), Ms. Kilgore leads a technical staff of graduate engineers, project managers, and field technicians in the structural design and forensic investigation of planned and existing structures. Ms. Kilgore's structural design services include analysis and engineering of large, custom single-family residences, multi-family apartment/condominium complexes, low-rise commercial facilities, and ancillary structures (retaining walls, screen walls, and swimming pools) utilizing a variety of building materials including dimensional lumber, engineered wood products, rolled steel, light-gauge steel, CMU, masonry, and cast-in-place concrete. Ms. Kilgore's design projects include the following types of structural systems: conventional/post-tensioned elevated foundation systems, pier-and- beam elevated foundation systems, wood/steel/CMU superstructures, masonry/concrete/CMU ground-supported or elevated retaining walls, ground-supported or elevated screen walls, and ground-supported or elevated pools. Ms. Kilgore also performs construction phase observations of the aforementioned structural systems to verify design compliance. Projects also include performing design of remedial work for the aforementioned types of structural systems. Ms. Kilgore has performed engineering designs for hundreds of residential and low-rise commercial structures and dozens of retaining walls, screen walls, and pools.

Ms. Kilgore's structural forensic services include investigations concerning soil-structure interactions, performance of structural systems, evaluations of building envelopes, and determination of cause, origin, and extent of peril damage. Soil-structure interaction assessments include claims relating to design, construction, historic/current site effects, and moisture source influences. Structural system assessments include claims relating to patent or latent design and construction issues. Building envelope assessments include claims related to roof coverings, veneers, flashing, and weather resistive barriers. Peril assessments include claims relating to hurricane damage, tornado damage, lightning strikes, earthquakes, explosions, fire damage, and vehicle-structure collisions. Ms. Kilgore performs site investigations and devises protocols for site-specific investigative tests that may include relative elevation surveys, geotechnical borings, geophysical resistivity surveys, ground- penetrating radar surveys, groundwater monitoring, water chemical analysis, test pit excavations, material strength tests, and water application/infiltration tests. Her typical projects include single-family residences, multi-family apartment/condominium complexes, commercial facilities, and warehouses as well as ancillary structures such as retaining walls, screen walls, and swimming pools. Ms. Kilgore has performed hundreds of forensic investigations, and she has authored expert reports for use in mediation, arbitration, and/or litigation.

Dominick R. Pilla Associates PC

Senior Engineer (November 2012 – June 2014)

As Senior Engineer for Dominick R. Pilla Associates PC, Ms. Kilgore lead teams of engineers, project managers, and contractors in designing concrete retaining walls, masonry structures, wood, and steel frame designs for new construction and remodel projects. Ms. Kilgore was also responsible for construction oversight and consulting.

ProNet Group, Inc.

Project Engineer (July 2011 – October 2012)

As Project Engineer for ProNet Group, Inc, Ms. Kilgore performed structural forensic investigations including insurance claims and litigated projects regarding foundation movement, structural framing, retaining walls, moisture infiltration, and hurricane/explosion effects. Ms. Kilgore also conducted site investigations to interview property owners, survey relative foundation elevations and document signs of distress and compose/issue engineering reports accordingly.

HALEY H. KILGORE, P.E.

Staff Structural Engineer
haley@pseglobal.com



Page 2 of 2

PROFESSIONAL EXPERIENCE (CONTINUED)

Bryant Consultants, Inc.

Graduate Engineer (January 2009 - September 2010)

As Graduate Engineer for Bryant Consultants, Inc, Ms. Kilgore lead teams of project managers, field technicians, laboratory technicians, and contractors in geotechnical and structural forensic investigations concerning soil- structure interactions as well as determination of cause, origin, and extent of peril damage. Peril assessments included claims relating to hurricane damage, tornado damage, explosions, fire damage, and vehicle-structure collisions. Ms. Kilgore performed site investigations and devised protocols for site-specific investigative tests that may have included relative elevation surveys, geotechnical borings, geophysical resistivity surveys, ground-penetrating radar surveys, groundwater monitoring, water chemical analysis, test pit excavations, concrete core strength tests, and water application/infiltration tests. Her typical projects included single-family residential structures, multi-family apartment/condominium complexes, commercial facilities, and warehouses as well as ancillary structures such as retaining walls and swimming pools. Projects also included performing structural design of remedial work for the aforementioned types of projects.

PROFESSIONAL LICENSES

State of Texas	Professional Engineer #105001
State of New York	Professional Engineer #091438
State of New Mexico	Professional Engineer #25904
State of Oklahoma	Professional Engineer #pending
NCEES National Registration	Professional Engineer #49287

EDUCATION

Southern Methodist University (Dallas, TX)

Bachelor of Science in Mechanical Engineering, 2005 - Graduate, GPA 3.5 / 3.7

PROFESSIONAL CERTIFICATIONS AND TRAINING

Building Envelope Trained (BET-1), Building Envelope Science Institute
Building Envelope Certified (BEC-2), Building Envelope Science Institute
Model Law Engineer, National Council of Examiners for Engineering and Surveying (NCEES)
Ladder Safety (Single, Extension, Articulated, and Step), American Ladder Institute
Residential Roofs Inspector, Haag

PROFESSIONAL CERTIFICATIONS AND TRAINING - Pending

Commercial Roofs Inspector, Haag
Rope and Harness for Steep Roof Slopes, Safety Services Company
Wind Damage Inspector, Haag
Windstorm Inspector, Texas Department of Insurance (TDI)

PROFESSIONAL ASSOCIATIONS

Building Envelope Science Institute

PROFESSIONAL LECTURES, SEMINARS, PRESENTATIONS, AND TRAINING AS A PRESENTER

Past Schedule

Storm Damage Assessment - Dallas Baptist University - August 21, 2019 ^{TDI}
Forensic Analysis of Plumbing Leak Foundation Claims - Dallas Baptist University - August 21, 2019 ^{TDI}

Key

^{AIA} American Institute of Architects Continuing Education Approved Course

^{TDI} Texas Department of Insurance Continuing Education Approved Course

EXPERT WITNESS DESIGNATION

This curriculum vitae shall not be used for expert witness designation unless an authorized proposal has been executed with this firm.