



MICHAEL KENT HOLDEN JR., M.ENG., P.E.

Mr. Holden is a graduate of University of Florida with a Bachelor of Science Degree in Civil Engineering and a Master of Engineering Degree in Civil Engineering. Mr. Holden's background includes responsibility for the technical design and construction document preparation for various structures including commercial, medical, educational, and transportation. Mr. Holden has extensive experience with commercial, educational, and transportation construction projects. Additionally, Mr. Holden has experience with field investigation work regarding code compliance issues, construction document and design specification conformance, as well as assessment of building damage due to weather conditions and construction or design defects.

Mr. Holden possesses the unique combination of civil, structural, and geotechnical experience. He also has experience performing cause and origin failure analysis, investigation, and forensic engineering pertaining to various civil engineering related systems including residential and commercial structures, soils, retaining structures, concrete, masonry, waterproofing details, and building codes.

Mr. Holden is also trained as a Residential Roof Inspector to assess damage to all major types of residential steep slope roofs, including wind and hail, and can evaluate installation, weathering, maintenance, mechanical damages and repair costs of asphalt composition, wood shingle/shake, concrete, clay tile, and asbestos-fiber cement roof coverings.

EDUCATION

Master of Engineering, Civil/Structural Engineering, University of Florida

Bachelor of Science in Civil Engineering, University of Florida

PROFESSIONAL REGISTRATION

Professional Engineer License, Alabama	Lic. No. 40450-E
Professional Engineer License, Connecticut	Lic. No. PEN.0035482
Professional Engineer License, Florida	Lic. No. 72453
Professional Engineer License, Georgia	Lic. No. PE047594
Professional Engineer License, Idaho	Lic. No. 20248
Professional Engineer License, Louisiana	Lic. No. PE.0046316
Professional Engineer License, Michigan	Lic. No. 6201311413
Professional Engineer License, Minnesota	Lic. No. 62593
Professional Engineer License, New York	Lic. No. 104766
Professional Engineer License, North Carolina	Lic. No. 054677
Professional Engineer License, North Dakota	Lic. No. PE-40571
Professional Engineer License, South Dakota	Lic. No. 17057

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Professional Engineer License, Wisconsin
Professional Engineer License, Wyoming

Lic. No. 49228-6
Lic. No. 20439

SPECIALIZED TRAINING

HAAG Residential Roof and Wind Damage

HAAG Composition Roofs Damage Assessment

HAAG Roof Repair vs. Replace Cost Analysis

IIBEC Roof Technology & Science I & II

IIBEC Rooftop Quality Assurance

Low-slope Roofing Systems, University of Wisconsin-Madison Department of Engineering Professional Development

Metal Roofing Systems, University of Wisconsin-Madison Department of Engineering Professional Development

Tile Roof Institute High Wind Manual Certification

WORK EXPERIENCE

U.S. Forensic, LLC

2014 – Present

- Perform investigations and forensic evaluations for various conditions, failures, and damage to residential and commercial buildings. Types of evaluations include moisture source analysis, moisture intrusion analysis, damage from flood waters, hurricane damage evaluations, damage from wind pressures, soil movement analysis, damage from tree impacts, damage from vehicle impacts, damage from fire exposure, code compliance, construction defects, and other various conditions.
- Performed peer review of reports prepared by other company engineers.
- Conducted instructional presentations for industry and company staff.

McElroy Engineering, Inc.

2013 – 2014

- Performed structural analysis and design for various materials including structural steel, reinforced concrete, post-tensioned concrete, masonry, wood, and cold-formed steel. Prepared construction documents with coordination between architects and contractors.
- Performed construction administration tasks including shop drawing review and approval, threshold inspections, progress inspections, construction document compliance inspections, and investigative inspections.

Structural Engineers Group, Inc.

2011-2013

- Performed structural analysis and design for various materials including structural steel, reinforced concrete, masonry, and wood.

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- Prepared construction documents with coordination between architects and contractors. Performed construction administration tasks including shop drawing review and approval, threshold inspections, progress inspections, and construction document compliance inspections.

Halcrow, Inc.

2008-2011

- Performed structural analysis and design for various materials including structural steel, steel sheet piles, steel pipe piles, and reinforced concrete.
- Prepared construction documents with coordination between Port Canaveral Staff and contractors.
- Performed construction administration tasks including shop drawing review and approval, threshold inspections, progress inspections, and construction document compliance inspections.
- Performed condition assessments for existing piers and provided repair recommendations.
- Halcrow was acquired by CH2M Hill, who was later acquired by Jacobs.

Walter P Moore and Associates

2007-2008

- Performed structural analysis and design for various materials including structural steel, reinforced concrete, and masonry. Prepared construction documents with coordination between architects and contractors.
- Performed construction administration tasks including shop drawing review and approval, progress inspections, and construction document compliance inspections.

TESTIMONY HISTORY

No.	Case Identification	Deposition	Trial
1	2015-CA-002891-16L-W USF No. 15.09.285 Linde, Louis and Dorri v. American Integrity Insurance Company of Florida Seminole County, Florida	X	
2	2016-CA-7653-O USF No. 16.09.307 Richard Kerner and Yvette Kerner v. American Integrity Insurance Company of Florida Orange County, Florida	X	
3	18-CA-001110 USF No. 18.16.157, 18.16.158, and 18.16.159 Joseph Citro v. Universal Property & Casualty Insurance Company Hillsborough County, Florida	X	

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4	2019-CA-004020-O USF No. 19.09.019 Zia Ansari and Usaira Ansari v. Auto Club Insurance Company of Florida Orange County, Florida	X	
5	2020-CC-000002 USF No. 19.09.517 Richard Hanson v. American Integrity Insurance Company of Florida Sumter County, Florida	X	

No.	Case Identification	Deposition	Trial
6	2020-CC-000010 USF No. 19.09.453 Tammie Mauck and Edward Fox v. American Integrity Insurance Company of Florida Sumter County, Florida	X	
7	2020-CA-00001-O USF No. 19.09.140 Nelson De Los Santos v. Tower Hill Preferred Insurance Company Osceola County, Florida	X	
8	35-2018-CA-001407-AXXX-XX USF No. 17.09.462 John Zonin v. American Integrity Insurance Company of Florida Lake County, Florida	X	
9	20-CA-5167 USF No. 20.17.216 Thomas and Barbara Stitchberry v. Omega Insurance Company Lee County, Florida	X	
10	20-CA-003876 USF No. 18.17.227 USMS LLC, a/a/o Jary & Patricia Ernberger v. Tower Hill Insurance Company Lee County, Florida	X	
11	2017 CA 000704 CI USF No. 20.09.346 and 20.09.347 Hector Ramos v. Universal Property & Casualty Insurance Company Osceola County, Florida	X	

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12	2019 CA 008878-O USF No. 19.09.347 Louis Lugo and Renee Lugo v. Universal Property & Casualty Insurance Company Orange County, Florida	X	
13	21-CA-000294 USF No. 20.17.214 Ronald Plesnicher and Susan Plesnicher v. Tower Hill Preferred Insurance Company Lee County, Florida	X	

No.	Case Identification	Deposition	Trial
14	2021-CA-005812-O USF No. 22.09.346 Marvin Colon and Aurelena Colon v. Universal Property & Casualty Insurance Company Orange County, Florida	X	
15	2021 30649 CICI USF No. 22.09.599 Ilyas Zarifigil v. Universal Property & Casualty Insurance Company Volusia County, Florida	X	
16	2021-CC-004143 USF No. 21.09.276 Storm Damage Solutions LLC dba Smart Tarp aao Anat & Masha Khokhar v. Family Security First Insurance Seminole County, Florida	X	
17	2019-CA-14830 USF No. 22.09.577 Roselyne Coulibaly v. Universal Property & Casualty Insurance Company Orange County, Florida	X	
18	2021CA001212CAAXWS USF No. 23.16.011 Robert Carroll v. Universal Property & Casualty Insurance Company Pasco County, Florida	X	