

PUBLICATIONS AND PRESENTATIONS:

PUBLICATIONS

1. Stoll, S. "Application of Acousto-Ultrasonic Technique in Evaluation of Bond Strength Between Composites and Concrete Substrates" Faculty of the University of Louisville, J.B. Speed School of Engineering. (August 2009).
2. Stanley Stoll and Paul Bennett. "Assessing Wind Damaged Masonite Shingles" Forensic Engineering 5th Congress 2015.
3. Stanley Stoll and Eric Black. "Residential 3D Model Wind Tunnel Pressure Testing" Forensic Engineering 5th Congress 2015.
4. Stanley Stoll, Paul Bennett, James Staebler. "Hail Impact Testing of Masonite Shingles" Forensic Engineering 5th Congress 2015.
5. Kyle Wiegghaus, PhD. and Stanley Stoll. "Methodology for Assessing the Thermal Effects of a Wildfire on a Structure" Forensic Engineering 7th Congress 2022 – nominated Congress' Best Paper Award.
6. Stanley Stoll, Samuel Henning, Aaron Bagley, Kyle Wiegghaus, PhD. "Foundation Damage Assessments and Structural Repairs" Forensic Engineering 7th Congress 2022.

TECHNICAL CONFERENCES AND SEMINARS

1. "Masonite Roofing." Presenter. Shelter Insurance Company, Highlands Ranch, CO, November 18, 2010.
2. "Masonite Roofing." Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, January 28, 2011.
3. "Introduction to Soils and Foundation Damage." Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, January 28, 2011.
4. "Masonite Roofing." Presenter. Wyoming Claims Association, Cheyenne, WY, May 20, 2011.
5. "Evaluation of Roofing Damage." Presenter. All Phase Continuing Education, All Phase Restoration, Frederick, CO, August 17, 2011.
6. "Residential Cracks, What Causes Them?" Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, September 23, 2011.
7. "Roof Inspections." Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, September 23, 2011.
8. "Plumbing and Mechanical System Failures." Presenter. Colorado Chartered Property Casualty Underwriters, Denver, CO, December 13, 2011.
9. "Hail and Wind Damage Roof Inspections." Presenter. Engle Martin & Associates, Inc, Centennial, CO, April 24, 2012.
10. "Evaluation of Fire and Explosion-Related Damage to Structural Components." Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, August 12, 2012.
11. "Plumbing and Mechanical System Failures." Presenter. Jim Black Construction, Thornton, CO, November 14, 2012.
12. "Evaluation of Fire and Explosion Related Damage to Structural Components." Presenter. Jim Black Construction, Thornton, CO, November 14, 2012.
13. "Fire Investigations and Evidence Preservation" Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, January 25, 2013.
14. "Residential Roof Damage Assessment" Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, January 25, 2013.
15. "The Reason for Reserves, a Building Envelop Class" Presenter. Montrose Realtors Association, Grand Junction, CO, May 12, 2014.
16. "Building Envelopes" Presenter. BluSky Restoration, Edwards, CO, June 4, 2014.
17. "Engineering Expert Witness Case Studies and Current Technology" Presenter. Colorado Defense Lawyers Annual Conference, Telluride, CO, July 26, 2014.
18. "Fire and Explosions Investigations" Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, November 7, 2014.
19. "Fire and Explosions Investigations" Presenter. Knott Laboratory Continuing Education Seminar, Centennial, CO, January 30, 2015.
20. "Hail damage and Laboratory Testing to Residential Roof" Presenter. Knott Laboratory Continuing Education Seminar, Grand Junction, CO, April 10, 2015.
21. "Water Loss and Foundation Movement" Presenter. Knott Laboratory Continuing Education Seminar, Grand Junction, CO, April 10, 2015.
22. "Fire and Explosion Investigations" Presenter. Knott Laboratory Continuing Education Seminar, Grand Junction, CO, April 10, 2015.
23. "Common Construction Defects" Presenter. Knott Laboratory Continuing Education Seminar, Grand Junction, CO, April 10, 2015.
24. "Live Burn" Presenter. Continuing Education Seminar, Colorado Springs, CO, June 13, 2018.
25. "Live Burn" Presenter. Knott Laboratory Continuing Education Seminar, Grand Junction, CO, October 17, 2018.

26. "Structure Fire Damage and Restoration" Presenter. Knott Laboratory Continuing Education Seminar, Grand Junction, CO, October 17, 2018.
27. "Structure Fire Damage and Restoration" Presenter. Continuing Education Seminar, Colorado Springs, CO, December 11, 2018.
28. "Water Loss and Structural Foundation Damage" Presenter. Continuing Education Seminar, Colorado Springs, CO, December 11, 2018.
29. "Live Burn 2019" Presenter. Continuing Education Seminar, Colorado Springs, CO, June 6, 2019.
30. "Water Loss and Foundation Movement" Presenter. Rocky Mountain Property Claims Association, Centennial, CO, September 12, 2019.
31. "Foundation Failures" Presenter. Knott Laboratory, Continuing Education Series, Centennial, CO, February 8, 2021.
32. "The US Legal System and Expert Witnesses" Presenter. Knott Laboratory, Continuing Education Series, Centennial, CO, January 14, 2022.
33. "Laser Scanning our World" Presenter. Knott Laboratory, Continuing Education Series, Centennial, CO, March 25, 2022.
34. "Knott Laboratory Reconstructs a National Spotlight Race Accident" Presenter. HxGN Live 2022, Las Vegas, NV, June 21, 2022.
35. "Capital Improvements – Project Train Wrecks" Presenter. Presenter. Community Associations Institute – 2022 Rocky Mountain Conference, Vail, CO, September 26, 2022.
36. "Foundation Damage Assessments and Structural Repairs" Presenter. Forensic Engineering 7th Congress 2022, Denver, Colorado, November 5, 2022.
37. "Construction Defects" Presenter. Hall and Evans Continuing Education Series, Denver, Colorado, May 4, 2023.
38. "Videogrammetry and Point Clouds: A Novel Approach for Accident & Shooting Reconstructions" Presenter. HxGN Live 2023, Las Vegas, NV, June 14, 2023.
39. National Council of Structural Engineering Association (NCSEA), Attendee. Annual Symposium 2023, Las Angeles, CA. November 7-9, 2023.
40. Hexagon Public Safety and Forensics Conference UK/BNX 2024 Attendee and Presenter. "Videogrammetry & Point Clouds: A Novel Approach for Incident Reconstructions," London, UK. March 20-21, 2024.
41. Structural Engineering Association of Colorado (SEAC), Current State of Building Assessments in the US, Denver, CO July 17, 2024.
42. "Building Investigations and Assessments 101" Presenter. Knott Laboratory, Continuing Education Series, Centennial, CO, August 28, 2024.
43. National Council of Structural Engineering Association (NCSEA), Chair of Building Assessments Webinar Series - 6 part series on Building Assessments. August and September 2024.
44. National Council of Structural Engineering Association (NCSEA), Building Assessments 101 Webinar, Online August 20, 2024.
45. National Council of Structural Engineering Association (NCSEA), Annual Symposium 2024, Las Vegas, NV. November 5-8, 2024.
46. National Council of Structural Engineering Association (NCSEA), Chair of the Building Assessment Summit, November 5, 2024, Las Vegas, NV.
47. National Council of Structural Engineering Association (NCSEA), Annual Symposium 2024, "Webinar Series - Building Assessments: That's a Wrap", Las Vegas, NV. November 6, 2024.
48. National Council of Structural Engineering Association (NCSEA), Annual Symposium 2024, "Red Tag a Building, Are you Crazy?", Las Vegas, NV. November 7, 2024.
49. Hexagon Public Safety and Forensics Conference UK/BNX 2025 Attendee and Presenter. "Application of 3D Data in Accident and Shooting Investigations," London, UK. February 26-27, 2025.
50. Hexagon Public Safety and Forensics Conference UK/BNX 2025 Attendee and Presenter. "Emerging Technology & Modern Investigations *Bonus: JFK Review and Update*," London, UK. February 26-27, 2025.
51. "Building Investigations and Assessments 101", Structural Engineering Association of Oklahoma (OKSEA), Stillwater, OK April 8, 2025.
52. "Building Assessments and Forensic Investigations: A Look at Modern Technology and Construction Defect Trends", 2025 Structural Engineering Association of Colorado (SEAC) and Structural Engineering Institute (SEI) Fall Seminar, Denver, CO November 6, 2025.
53. "Advancing Proactive Structural Engineering: Integrating Medicine 3.0 Principles for Enhanced Existing Building Assessments and Safety in Florida", Florida Structural Engineering Association (FLSEA), Webinar, November 18, 2025.
54. "Building Assessments and Forensic Investigations: A Look at Modern Technology and Construction Defect Trends" Presenter. Knott Laboratory, Continuing Education Series, Centennial, CO, January 19, 2026.

PRINT AND MEDIA APPEARANCES

1. GlobeNewswire, *Colorado-based firm uses state of the art forensic science to refute the Warren Commission's findings on the assassination of President John F. Kennedy*, October 25, 2023.
2. The Business Times *Evidence to the contrary: Forensics firm adds to storied history of JFK assassination*, November 8, 2023.
3. Atlanta News First, *New study casts more doubt on JFK assassination's 'magic bullet'*, November 17, 2023
4. NewsNation, *'Two different trajectories': Lab does forensic study on JFK assassination*, November 19, 2023
5. WGN News Chicago, *New findings on JFK assassination*, November 22, 2023
6. Kennedy Saves the World, *What Really Happened to John F. Kennedy*, November 22, 2023.
7. True Crime Arizona, *New Tech Finds JFK Assassination "single bullet theory" scientifically impossible*, November 27, 2023.
8. LiDAR News, *Kennedy Assassination Report Refuted with Lidar*, July 5, 2024.
9. Bridging the Gap Podcast Ep 277, *It's Crucial to Prioritize Preventative Maintenance*, September 4, 2024.
10. Specified Growth Podcast, *Extending the Life of Existing Infrastructure*, October 18, 2024.
11. Engineering Management Institute Podcast Ep 061; *The Powerful Impact Tech Has on Modern Building Assessments*, December 16, 2024.
12. Colorado Real Estate Journal, *Colorado Construction Defects: Address Early and Often*, December 18, 2024.
13. Commercial Construction Coffee Talk Podcast, *Lessons Learned in the Construction Industry*, November 1, 2024.
14. The Best Ever CRE Show, *Forensic Engineering Insights, Preventative Maintenance Strategies, & Critical Property Inspection Tips*, March 2, 2025.
15. The Morning Huddle Construction Show, *Structure Failure Analysis*, February 11, 2025.
16. Colorado Real Estate Journal, *Modern Building Assessments Can Identify Weaknesses*, March 19, 2025.
17. NAIOP Development Magazine, *The Importance of Addressing Construction Defects*, March 2025.
18. The Veterans Who Build Show, *Combat Engineer to CEO*, May 5, 2025.
19. The National Association of Industrial and Office Properties (NAIOP) Development Magazine, *The Importance of Addressing Construction Defects*, Spring 2025.
20. JFK Facts on Substack, [#124 Computer Modeling JFK with Dr Stanley Stoll \(sic\)](#), January 15, 2026.

FORENSIC BUILDING INVESTIGATION SUMMARY:

Date	Project	Location	Client
Feb 2025	Single Family Residence – Construction Damage Assessment	Grand Junction, CO	J. Howell Custom Home Builder
Jan 2025	Post-litigation Foundation Damage Remediation – Single Family Residence	Grand Junction, CO	White Residence
Dec 2024	Utility Main Water Break and Single-Family Residence Damage Evaluation	Phoenix, AZ	Zachar Law Firm P.C.
Nov-2024	Montrose County Building, Facility Condition Assessment and Emergency Repairs	Montrose, CO	Montrose, County
Oct-2024	Building Safety Evaluation and Construction Evaluation	Telluride, CO	CIRSA
Oct 2024	Roof Collapse Investigation	Littleton, CO	Cheney, Galluzzi and Howard
Aug 2024	6-Story Concrete Residential Tower with 3-level Parking Structure – Concrete Parking Structure Repairs	Grand Junction, CO	Horizon Tower HOA
Jan 2024	Single Family Residence – Construction Defect Evaluation	Grand Junction, CO	Vostatek Construction, Inc.
Oct 2023	Pavilion Collapse Injury – Collapse Investigation	Pueblo, CO	Elkus & Sisson, P.C.
Aug 2023	AirBNB Deck Collapse – Injuries	Colorado Springs, CO	Hagen Nares, PC
July 2023	6-Story Concrete Residential Tower with 3-level Parking Structure - Facility Condition Assessment and Repairs	Grand Junction, CO	Horizon Tower HOA
May 2023	Single Family Residence Roof Collapse and Injuries Investigation	Phoenix, AZ	Morgan and Morgan
May 2023	Construction Defect Evaluation – 3-Story Condominium	Telluride, CO	Wegener Lane & Evans, P.C.
Jan 2023	Early 1900 Stone and Masonry Building – Structural Foundation and Frame Remodel	Montrose, CO	Rathbone Hotels
Jan 2023	Construction Defect Assessment - Single Family Residence	Crested Butte, CO	Hoskin, Farina, & Kampf, P.C.
Jan 2023	Police Dept Building Struck by Vehicle – Structural Damage Assessment and Repairs	Grand Junction, CO	CIRSA
Nov 2022	Hospital Damage Evaluation during Construction	Boulder, CO	Engle Martin
Aug 2022	Early 1900 State Armory - Facility Condition Assessment, Foundation Repair, Structural Remodel	Delta, CO	Delta Police Department
Jul 2022	Four-Story Mixed Use Condominium Building – Construction Defect Evaluation	Golden, CO	McKenzie Mena, LLP

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Date	Project	Location	Client
Jul 2022	Four Unit – 3-Story Residential Condominium Building – Construction Defect Evaluation	Golden, CO	McKenzie Mena, LLP
Jun 2022	Post-Litigation Construction Defect Repairs – Mixed Use 3-Story Building	Steamboat Springs, CO	Alpenglow Condominiums and Townhomes
Apr 2022	Three Building – 3-Story Residential Condominium Building – Construction Defect Evaluation	Federal Heights, CO	Burg, Simpson, Eldredge, Hersh & Jardine, PC
Feb 2022	Early 1900 Stone and Masonry Church - Facility Condition Assessment	Montrose, CO	Montrose Methodist Church
Sept 2021	Foundation Assessment and Global Site Soil Stability	Rifle, CO	Rider & Quesenberry LLC
Apr 2021	Grand Junction High School, Facility Condition Assessment, and subsequent Structural Repairs.	Grand Junction, CO	Colorado School District 51
Mar 2021	Single Family Residence Construction Defect Assessment and Repairs	Ridgeway, CO	Lori Shepard
Nov 2020	Four Story Concrete Framed Commercial Building – Construction Defect Evaluation	Grand Junction, CO	Karp, Neu, Hanlon, PC – 734 Investments LLC
Feb 2020	Grand Junction Regional Airport, Facilities Condition Assessment and subsequent Structural and Foundation Repairs	Grand Junction, CO	Grand Junction Regional Airport
Feb 2020	Post-litigation Foundation Damage Remediation – Single Family Residence	Grand Junction, CO	L. Knight
Jan 2020	Residential Design and Construction Assessment - Construction Defects	Grand Junction, CO	Griffiths Law PC
Jan 2020	Single Family Residence Tornado Damage Assessment	Dallas, TX	State Farm Insurance
Jan 2020	Explosion Damage Assessment - Two Single Family Residences	Houston, TX	State Farm Insurance
Jan 2020	Residential Foundation Assessment - Post Real Estate Sale Disclosure	New Castle, CO	Griffiths Law PC
Jan 2020	Condominium Handrail Collapse Injury – Cause Investigation	Florence, CO	Heuser & Heuser LLP
Dec 2019	Foundation Damage Assessment, City of Dinosaur Townhall	Dinosaur, CO	CIRSA
Oct 2019	Plumbing Failure and Structural Damage Assessment	Townsend, MT	State Farm Insurance
Oct 2019	Residential Design and Construction Assessment - Construction Defects	Lakewood, CO	The Litigation Boutique LLC
Sept 2019	Hail Damage Assessment - Appraisal - 9272 700 East	Sandy, UT	Farmers Insurance
Sept 2019	3rd Story Window Failure collapse and Fall	Colorado Springs, CO	Heuser and Heuser, LLP

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Sept 2019	Foundation Repairs - 2689 Whisper Ct.	Grand Junction, CO	M. Hall
Sep 2019	Hurricane Damage Assessment - Single Family Residence	Ingleside, TX	State Farm Insurance
Aug 2019	Foundation Placement and Cracking Evaluation and Repair	Crested Butte, CO	FCI Construction
Aug 2019	Commercial Building Hail and Wind Damage Assessment and Repairs	Borger, TX	Steadfast Insurance Company
Aug 2019	New Construction Defect Assessment	Snowmass, CO	Cincinnati Insurance
Aug 2019	Snowmass Village Rec Center Flood and Damage Assessment	Snowmass Village, CO	CIRSA
Jul 2019	Foundation Repairs - 581 Tucker Street	Craig, CO	James Diehl
Jul 2019	Water Loss Moisture Damage Assessment - 729 E. Bleeker Street	Aspen, CO	American Family Insurance
Jun 2019	Parapet Wall Structural Load Testing	Aspen, CO	Hanson Construction, Inc.
Jun 2019	4 plex multi-family Complex Fire Repairs	Fruit, CO	Monument HOA
Jun 2019	Tornado Damage Assessment - Single Family Residence	Dallas, TX	State Farm Insurance
May 2019	Residential Foundation Assessment - Construction Defects	Grand Junction, CO	Griffiths Law PC
May 2019	Moisture Intrusion Single Family Residence	El Campo, TX	State Farm Insurance
Apr 2019	Solar Panel Efficiency and Location Evaluation	Avon, CO	Orten Cavanagh & Holmes, LLC
Mar 2019	Residential Foundation Assessment - Post Real Estate Sale Disclosure	Grand Junction, CO	Hoskin, Farina, & Kampf, P.C.
Feb 2019	New Construction Interior Crack Evaluation	Norwood, CO	Acuity Insurance
Feb 2019	Floor Moisture Damage Evaluation - Single Family Residence	Austin, TX	State Farm Insurance
Dec 2018	Retaining Wall Failure and Construction Defect Evaluation - Falcon Terrace	Colorado Springs, CO	Benson, Kerrane, Storz & Nelson, P.C.
Dec 2018	Residential Foundation Assessment - Construction Defects	Grand Junction, CO	Hoskin, Farina, & Kampf, P.C.
Oct 2018	Hurricane Damage Assessment - Wood Pellet Manufacturing Plant	Laurinburg, NC	CJW Insurance
Oct 2018	Hurricane Damage Assessment - 28 Building Multi-family Complex	Wilmington, NC	CJW Insurance
Aug 2018	Residential Design and Construction Assessment - Construction Defects, and Repairs	Montrose, CO	Hoskin, Farina, & Kampf, P.C.
Aug 2018	Design and Construction Evaluation of 3-Story Concrete Framed Structure	Denver, CO	Benson Kerrane Storz & Nelson P.C.

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Date	Project	Location	Client
Aug 2018	Fatal Steel Erection Collapse Evaluation	Severance, CO	OSHA
Jul 2018	3rd Story railing collapse and Fall	Florence, CO	Heuser and Heuser, LLP
Jun 2018	Hail Damage Assessment SW Plains Dairy	Syracuse, KS	Brown Pruitt Wambsganss Ferrill & Dean, PC
June 2018	9 Multi-story Bldg. Post Construction Defect Remediation	Boulder, CO	The Village at Uptown Owners Association
Mar 2018	Foundation and Wall Collapse Evaluation - 1775 Sherman Street	Denver, CO	Boyle/Apelman, PC
Mar 2017	Five Building Early-Development Cracking and Foundation Movement Assessment -	Grand Junction, CO	Shaw Construction
Oct 2016	Post-Litigation Foundation Repairs - 2661 Lookout Lane	Grand Junction, CO	BluSky Restoration
Sep 2016	Industry facility Roof Collapse, Truss Load Testing and Repairs - 559 Sandhill lane	Grand Junction, CO	GJ Textiles
Sep 2016	Construction Collapse and Worker Fall - 347 West Ridges Boulevard	Grand Junction, CO	Ramos Law
Mar 2016	Single Family Residence Foundation Movement Assessment - 127 29 Rd	Grand Junction, CO	Nationwide Insurance
Jan 2016	Solar Panel Efficiency and Location Evaluation	Elizabeth, CO	Orten Cavanagh & Holmes, LLC
Jun 2015	Roadway Access and Easement Access	Delta, CO	Wegener Scarborough Younge & Hockensmith LLP
Apr 2015	Single Family Residence Construction Defects and Foundation Movement - 2661 Lookout Lane	Grand Junction, CO	Pryor Johnson Carney Karr Nixon, P.C.
Jun 2010	Light Tower Structural Assessment and Foundation Repairs	Aurora Public School District	Aurora Public School District
2015 to Present	175 Hurricane Damage Assessments	Southern Texas - Beaumont to Brownsville	Various Insurance Carriers
2010 - Present	Hundreds of Hail and Wind Damage Assessment	Colorado, Texas, Oklahoma	Various Insurance Carriers

FORENSIC FIRE INVESTIGATION EXEMPLAR EXPERIENCE:

Date	Project	Location	Client
Feb 2025	Residential Fire Investigation	Montrose, CO	Hoskin Farina & Kampf, PC
Nov 2024	Residential Fire Investigation	Mack, CO	State Farm Insurance
Aug 2024	Residential Fire Investigation	Fruita, CO	State Farm Insurance
July 2024	Residential Fire Investigation	Ridgeway, CO	State Farm Insurance
Jan 2020	Residential Garage Explosion	Aspen, CO	Cozen O'Connor and Chubb Insurance
Nov 2019	Fatal Residential Garage Explosion	Pagosa Springs, CO	Cozen O'Connor and Chubb Insurance
Oct 2019	Caterpillar D10 Bulldozer Fire	Wright, WY	Allianz Global Corporate & Specialty
Aug 2019	Single-Family Garage and Vehicle Fire	Salt Lake City, UT	American Family Insurance
Jul 2019	2015 Volvo Truck Fire	Oakhills, CA	Sedgwick and Hudson Insurance Company
Jun 2019	4-Plex Multi-Family Complex Fire	Fruit, CO	American Family Insurance
May 2019	Wastewater Remediation Plant Explosion	Myton, UT	One Beacon Insurance and Dugan, Brinkmann, Maginnis and Pace
May 2019	Pizza Restaurant Fire, 1195 Bangtail Way	Steamboat Springs, CO	Cincinnati Insurance and Senter Goldfarb & Rice, LLC
May 2019	Residential Explosion Investigation - 16840 N. 3000. W	Moroni, UT	American Family Insurance
Apr 2019	Multi-Family Apartment Fire	Grand Junction, CO	American Family Insurance
Dec 2018	Fatal Multi-family Apartment Complete Fire	Houston, TX	VB Attorneys
Sep 2018	Single-Family Residence Dryer Fire, Lab Exams and Testing	Denver, CO	American Family Insurance and Bodie Enger Law
Mar 2018	Structural fatality Fire	Denver, CO	Pinnacle Insurance
Jan 2015	Commercial Dryer Fire – Laundry Facility SRR	Moab, UT	American Hallmark Insurance Services, Inc.
Apr 2014	Residential Garage Fire and associated Powerlines Blowing in Wind	Delta, CO	Colorado Farm Bureau Mutual Insurance
Jan 2012	Post-Crash Ford Entrapment Fire	Pittsburg, PA	Pribanic & Pribanic