



Curriculum Vitae

- NAME:** **CHARLES W. KILLICK, P.E., ARM**
Risk Specialist and Senior Civil Engineer, Iris Technologies, LLC
911 Marfell Street
Erie, Colorado 80516
- EDUCATION:** Bachelor of Science, Civil and Environmental Engineering, May 1977
University of Colorado at Denver, Denver, Colorado
- Bachelor of Science, Physics, May 1973
Loras College, Dubuque, Iowa
- Bachelor of Arts, Sociology, May 1973
Loras College, Dubuque, Iowa
- PROFESSIONAL COURSES & SEMINARS:**
- Construction Defects, Failures and Repairs, Paul J. Bennett, P.E., Knott Laboratory, LLC, 2012 Colorado Chapter Educational Institute, Colorado Chapter of the International Code Council, Denver, Colorado, March 2012.
 - Fire Resistive Construction and Fire stopping Requirements of the IBC, Riche Walke, Underwriters Laboratory, Inc. and Brice Miller, International FireStop Council, 2012 Colorado Chapter Educational Institute, Colorado Chapter of the International Code Council, Denver, Colorado, March 2012.
 - Construction Law Seminar presented by Sherman & Howard, Denver, Colorado, March 2012.
 - Realizing Performance of the Building Enclosure, Wagdy Anis, FAIA, Wiss, Janney, Elstner Associates, Inc., Building Enclosure Council Fall Seminar, Denver, Colorado, September 2010.
 - How to Design Horizontal Deck Waterproofing, Air Barrier and Building Envelope Solutions in the Corrective Construction Market, WR Grace Technical Services, Lakewood, Colorado, April 2010.
 - Moisture Control, Indoor Air Pollution and Mold in Buildings, Joseph Lstiburek, Building Science Corporation, 2010 Colorado Chapter Educational Institute, Colorado Chapter of the International Code Council, Denver, Colorado, March 2010.
 - Air and Moisture Transmission through Walls at Transitions and Details, Vince Cammalleri, AIA and Michael Louis, P.E., Simpson Gumpertz & Heger, Inc., Building Enclosure Council Fall Seminar, September 2009.
 - The Ins and Outs of Building Envelopes, Best Practices for Following Air, Heat and Moisture, Susan Raterman, CIH and Steve Easley, Building Enclosure Council, Denver, Colorado, October 2008
 - 2008 Colorado Chapter Educational Institute, Colorado Chapter of the International Code Council, Denver, Colorado, March 2008
 - Building Enclosure Council Fall Seminar, American Institute of Architects, October 10, 2007

- Engineering Ethics: You Be the Judge, Online Seminar, New Mexico Society of Professional Engineers, August 28, 2007
- Ethical Issues in Water Privatization, Online Seminar, New Mexico Society of Professional Engineers, August 28, 2007
- Conflict of Interest – A Case Study, Online Seminar, New Mexico Society of Professional Engineers, August 28, 2007
- Advanced Facilities Management & Engineering Conference, Denver, Colorado, November 8 and 9, 2006
- C-470 at I-70 Girder Collapse, National Transportation and Safety Board, Denver, Colorado, June 13, 2006
- Legal Issues for Colorado Professional Engineers, presented by HalfMoon, LLC, Denver, Colorado, March 2006
- Guarding Against Construction Defect Claims in Colorado, presented by Lorman Education Services, Boulder, Colorado, February 2006.
- Construction Defect Claims in Colorado, presented by Lorman Education Services, Denver, Colorado, January 2005
- Law Day Seminar, presented by Denver Claims Association, Greenwood Village, Colorado, June 2004
- Construction Defects and Insurance Coverage in Colorado, Brendan O. Power and Jack D. Robinson, Spies, Powers & Robinson, P.C., presented by Lorman Education Services, Denver, Colorado, May 2004
- Wind Effects on Structures, Haag Engineering Company, Denver, February 2003
- Sudden Damage vs. Maintenance Problems in Buildings, Haag Engineering Company, Denver, 2003
- Roof Area Calculations and Inspection Techniques, Haag Engineering Company, Denver, 2003
- OSHA Regulations: Does Your Construction Site Comply?, December 2000
- Dipping Bedrock Revisited, April 2000
- First Aid/CPR Basics, February 1999
- OSHA 502 “Construction Trainer Update” course, February 1999
- OSHA 500 “Train the Trainer” course, February 1994
- Associate in Risk Management (ARM) designation, the Insurance Institute of America, July 1988

**PROFESSIONAL
REGISTRATION:**

Registered professional engineer in the State of Colorado, No. 17321
Registered professional engineer in the State of New Mexico, No. 9291

PUBLICATIONS:

Killick, Charles W., “Lost in Confined Space,” *The Investigative Engineer*, March 2001.
Killick, Charles W., “The Harriman Park Subdivision Study: Trends in Damage,” April 1986.

**BACKGROUND &
EXPERIENCE:**

2000 to Present: Senior Engineer, Iris Technologies, LLC, Erie, Colorado and Forensic Engineer, Professional Investigative Engineers, Westminster, Colorado. Investigation and research of structural, civil, and geotechnical issues involving single-family, multi-unit residential and commercial structures. Identification of root cause of failure and of resulting damage. Composition of investigation reports specifying conclusions and recommendations.

1981 to 1997: Senior Construction Engineer, CIGNA Property & Casualty. Inspection of single-family dwellings damaged by expansive soil, analysis of damage, specification of remedial scopes of work, and coordination of repair work with contractors. Performance of studies analyzing historical expansive soil damage to single-family dwellings in metro-Denver subdivisions, and projection of probable future claims and repair costs used in negotiations with homeowner associations. Management of engineering services provided by CIGNA Loss Control Services for CIGNA Claims Management Division, serving as a liaison between Loss Control and Claims. Provided safety and loss control services for ENR 400 contractors and for Owner Controlled Insurance Programs in construction property and casualty areas, including Workers' Compensation, General Liability, Builders' Risk, and Equipment Floater

Research Engineer, Earth Mechanics Institute, Colorado School of Mines, Golden, Colorado.

Assistant Superintendent, Meredith Drilling Company, Denver, Colorado.

Volunteer Math and Science Tutor, Grades Six, Seven, and Eight, Annunciation School, Denver, Colorado.

**COURT & DEPOSITION
EXPERIENCE:**

Deposition Testimony, John Brown, a Division of Trafalgar House Inc., and Davy McKee Corporation v. Coastal Chem, Inc., February 23, 1998.

Deposition Testimony, Various Harriman Park Homeowners v. INA Underwriter's Insurance Company, circa 1988.