

THOMAS W. HUTCHINSON, AIA, RRC, FRCI

SUMMARY

Over twenty years of experience in moisture protection: roof system & facade design. Forensic investigation and expert witness work.

Presented technical papers at numerous symposia & conferences on six continents.

Believes in the complete integration of building components into roof system design and the thorough detailing of all conditions.

Past President of the Roof Consultant Institute (RCI)

EDUCATION

Master of Architecture - University of Illinois

Master of Civil Engineering - University of Illinois

Bachelor of Science in Architectural Studies - University of Illinois

REGISTRATIONS

Licensed Architect - Illinois

Licensed Architect - Wisconsin

Licensed Architect - Ohio

Nationally Registered Roof Consultant

National Council Architectural Registration Board Certified (NCARB)

HONORS/AWARDS

2008 Institute of Roofing, Water Proofing and Building Envelope Professionals (RCI), Small Projects: First Place for Excellence in Contract Documents: City of Milwaukee 809 Building - Roof Removal and Replacement and Garden Roof Installation.

2006 Commercial Builder Architect, Making It to the Top for Chicagoland, Firm Recognition, December 2006, pp 4-6.

2006 Named a Fellow in the Roof Consultant Institute FRCI.

2006 Roof Consultant Institute (RCI), Small Projects: First Place for Excellence in Contract Documents: Dole Mansion- Roof Removal & Replacement, Masonry Restoration

2002 Professional Roofing, Staying in the Loop, March 2002, pp 42-44. Project profile on unique

solutions to 86 unit condominium complex with numerous problems.

1998 Daily Herald, Gimme Shelter, Tom Hutchinson Likes to Raise the Roof in His Line of Work, June 13, 1998.

1997 The Roofing Specifier, EPDM Earns A+ on High School Roof, July 1997, pp 40-42, Article on School District 120, Mundelein High School, Certified Drainage Program - Unique Solutions.

1993 Who'sWho, Registry of Rising Young Americans.

Metal Architecture, March 1993, pp 18-33, Fed Up with Leaks, School District Turns to Metal Roofing, Article on SD 100 -Washington Elementary School, Roof Replacement projects and uniqueness of same.

Metal Construction News, March 1993, p. 42, Project Profile: School District 100 - Washington Elementary School, Roofing Removal & Replacement

1992 Roof Consultant Institute (RCI): First Place National Specification Competition

1991 McHenry County College, Crystal Lake, Illinois College Center and Classroom Addition. Publication in American School and University 1991 Architecture Portfolio of Award Winning School/University Book. (Contributions include roof design, contract document preparation, interface with HVAC and plumbing consultants, project designer, and provide field inspection.)

1990 College of Lake County - Modules A&B - Roofing Removal and Replacement - Best Professional Roofing Award by Goodyear Tire & Rubber Co.

1982 Frank B. and Jennie M. Long Traveling Fellowship
University of Illinois Graduate School Grant

Earl Prize Award for Architectural Design

PROFESSIONAL ACTIVITIES

Technical Consultant for ERA

Member, American Institute of Architects

Member, Roof Consultant Institute (RCI):

- President
- 1st Vice President
- 2nd Vice President
- Executive Committee

- Past Region III Director
- Past Member, Board of Directors
- Instructor for Basic Roof Consultant Seminar & Registered Roof Observer Class
- Instructor, Advanced Roof Consulting Course

Past Member, Single Ply Roofing Institute

Co-Chairman, CIB/RILEM International Committee on “Towards Substantial Roofing”

Member, Building Environment and Thermal Envelope Council Member,

ASTM Committee D-8 on Roofing, Waterproofing, Bituminous Materials

Member, National Trust for Historic Preservation

Past Vice President, Varsity “I” Board University of Illinois

Barrington Rotary

- Past President
- Member, Board of Directors

Guest Lecturer Carlisle Syntec Design Seminars

- Anchorage, Alaska, April 1994: “History of Roofing as an Art Form”
- Juneau, Alaska, October 1994: “Success is in the Details”

Member, Firestone Building Products Roof Consultant Advisory Council

Member, National Roofing Contractor Association (NRCA)

Member, Construction Specification Institute (CSI)

Member, Solar Smart Alliance

LECTURES

January, 2009, Oakbrook, Illinois

CRCA (Chicago Roofing Contractors Association) 26th Annual Trade Show Seminar “Green Means Go! Are You Ready for Green/Garden Roofing?”

January, 2009, Oakbrook, Illinois

CAC-RCI (Chicago Area Chapter RCI, Inc.) Winter Meeting “Cool Roofing: Real Life Concerns and Solutions for Success”

November, 2008, Grapevine, Texas

RCI Region III Meeting at MRCA “Cool Roofing: Real Life Concerns and Solutions for Success”

September, 2008, Mount Prospect, Illinois

Mt. Prospect Fire Department Educational Presentation “Roof System Characteristics”

May, 2008, Istanbul, Turkey

DBMC 2008 (11th International Conference on Durability of Building Materials and Components)

“Roofing Replacement: The Whole Picture”

May, 2008, Webinar

CSI (Construction Specifications Institute) Continuing Education Webinar “Roof System Design: The Architect’s Achilles Heel”

February, 2008, Mount Prospect, Illinois

Mt. Prospect Fire Department Educational Presentation “Roof System Characteristics”

January, 2008, Ames, Iowa

IRCA (Iowa Roofing Contractors Association) 2008 Winter Meeting “Designing Sustainable Low Slope Roof Systems for the Long Term: Getting it Right the First Time”

January, 2008, Fort Worth, Texas

Carlisle Building Owner Services Summit “The EPDM Roof Restoration Phenomenon: The Sustainable Solution”

January, 2008, Oakbrook, Illinois

CRCA (Chicago Roofing Contractors Association) Industry Breakfast “The EPDM Roof Restoration Phenomenon: The Sustainable Solution”

October, 2007, Nashville, Tennessee

RCI Region II & III Fall Meeting “EPDM Recycling Initiative”

August, 2007, Albany, New York

RCI Region I Summer Meeting “EPDM Recycling Initiative”

July, 2007, St. Louis, Missouri

Presented for The Greater St. Louis Chapter of CSI “EPDM Recycling Initiative”

June, 2007, Baltimore, Maryland

51st Annual CSI Show and Convention “Roof System Design: The Architect’s Achilles Heel”

June, 2007, Las Vegas, Nevada

RCI Region IV Summer Workshop at the WSRCA (Western States Roofing Contractors Association) Convention “Best Practices for Design, Installation & Maintenance for Green Roofing”

June, 2007, Calgary, Alberta, Canada

Roof Tech 2007 “Keys to Sustainable Construction”

March, 2007, Orlando, Florida

RCI 22nd International Convention & Trade Show “Environmentally Sensitive and Energy Conscious Roofs”

March, 2007, Bath, United Kingdom

ICEBEST 2007 “Environmentally Sensitive and Energy Conscious Roofs”

March, 2007, Bath, United Kingdom

ICEBEST 2007 “Preventing Building Envelope Failures: A Key to Sustainable Construction”

September, 2006, Phoenix, Arizona

3rd Annual Roofing Contractors – Best of Success Conference Panel Discussion: “Contractor’s vs. Consultant’s”

May, 2006, Indianapolis, Indiana

CSI Indianapolis Chapter “Energy and the Design Professional”

March, 2006, Las Vegas, Nevada

50th Annual CSI “Roof Cleaning -Why and How”

February, 2006, Las Vegas, Nevada

International Roofing Expo “LEED Specifications & Sustainability Issues”

February, 2006, Las Vegas, Nevada

International Roofing Expo Discussion Panel “Top 10 Trends, National Roofing Legal Resource Club, LEED Specifications & Sustainability”

January, 2006, Ft. Meyers, Florida

RCMA Annual Conference & Expo “Energy, Roofing and the Roof System Designer”

June, 2005, Orlando, Florida

Eco-Build America “Vegetative Roof Systems & Other Sustainable Roof Options”

May/June, 2005, Atlanta, Georgia

Cool Roofing Symposium “What the Roof Consultant Needs to Know”

April, 2005, Oklahoma City, Oklahoma

Oklahoma Roofing 18th Annual Seminar “Energy, Roofing & Alternative Solutions”

February, 2005, Indian Head Park, Illinois

Bennett & Brosseau Roofing, Seminar Paper “Excellence in Roofing - EPDM Roof Systems”

November, 2004, New Orleans, Louisiana

RCI 2004 Symposium on Building Envelope Technology “The Increasing Importance & Viability of Sustainability for Building Envelopes”

October, 2004, Indianapolis, Indiana

Indianapolis CSI Chapter Meeting “Roof Sustainability... ‘Getting it Right the First Time’”

October, 2004, Kansas City, Missouri
CAPPA Annual Convention “The EPDM Roof Restoration Phenomenon: The Sustainable Option”

May, 2004, Saint Johns, New Brunswick, Canada
45th Annual National Conference Canadian Roofing Contractors Association “EPDM - Characteristics, Performance & Sustainability”

May, 2004, Toronto, Ontario Canada
CIBWorld Congress “Roof Restoration: The EPDM Phenomenon”

May, 2004, Toronto, Ontario Canada
CIB World Congress “Sustainable Low - Slope Roof Systems Design for the Long Term - Getting it Right the First Time”

April, 2004, Oklahoma City, Oklahoma
17th Annual Roof Seminar “Sustainable Roof Systems, Energy, & Life Cycle Analysis”

April, 2004, Young Harris, Georgia
Roofing & Sheet Metal Contractors Association of Georgia “Weighing the Impact of Roof Surface Color in the Design of Roof Systems”

April, 2004, Chicago, Illinois
48th Annual CSI Show & Convention “What is the Solar Smart Alliance”

January, 2004, Honolulu, Hawaii
Roof Consultant Institute, Winter Workshop “The EPDM Phenomenon: The Restorable Roof System”

October, 2003, Cincinnati, Ohio
Midwest Roofing Contractors Association, 54th Annual Convention “An Industry Perspective on the MRCA’s ASTM E-108 Testing”

January, 2003, Indianapolis, Indiana
Firestone Building Products, National Sales Meeting, “The Ideal Architectural Sales Rep”

September, 2002, Lake Buena Vista, Florida
XII International Roofing & Waterproofing Conference “Snow, Water & Ice; Understanding and Solving Water Back-up & Ice Accumulation”

August, 2002, Cologne, Germany
Stainless Steel Bulletins International Symposium, “Stainless Steel Opportunities in the U.S. Market”

June, 2002, Detroit, Michigan

PIMA – Polyisocyanurate Insulation Manufacturers Association’s Annual Meeting, “An Architects view of the Proposed Chicago Building Code”

April, 2002, Chicago, Illinois

Annual Life Services Network Convention and Exhibition, “Bricks and Mortar: Protecting Your Building’s Exterior”

March, 2002, Brisbane, Australia

9th International Conference on Durability of Building Materials and Components, “Integrating Building Components in Roof System Design for Long Term Roof System Performance”

October, 2000, Florence, Italy

IWA XIth International Congress, “Mundelein High School Roofing Replacement; A Case Study of Superior EPDM Roof System Design”

2000, Atlanta, Georgia

Facility Forum 2000, “The Benefits of Procuring and Maintaining Environmentally Responsive Roof Systems”

2000, Chicago, Illinois

Life Services Network Annual Convention “Your Building Envelope”

June, 1999, Vancouver, Canada

8th International Conference on Durability of Building Materials and Components, “Tenets of Sustainable Roofing”

June, 1999, Chicago, Illinois

NEOCON, “Roof Maintenance and Repair”

November, 1998, Singapore

International Symposium on Management, Maintenance, and Modernization of Building Facilities, “Roof Maintenance, Repair for Long Term Roof System Performance”

June, 1998, Copenhagen, Denmark

10th Congress of the International Waterproofing Association, “Working Towards Sustainable Roofing”

January, 1998, Chicago, Illinois

Roof Consultants Institute (Region III), Winter Meeting “My Favorite Roof: EPDM”

November, 1997, Sao Paulo, Brazil

10th International Symposium on Waterproofing, “Optimal Service Life Design and Proactive Roof Maintenance Effects on Life Cycle Costing for Low Slope Roof Systems”

January, 1997, Chicago, Illinois
Roof Consultants Institute (Region III), Winter Meeting “Sealant and the Roof Edge”

October 1995, Sao Paulo, Brazil
1st Latin American Conference on Waterproofing 9th International Symposium on Waterproofing:
“Comparative Analysis of Roofing: Waterproofing Practices in Brazil and USA”

September 1995, Barrington, Illinois
Join The Team Seminar “Roofing”

May 1995, Amsterdam, The Netherlands
9th International Symposium on Waterproofing Congress. “Restoration of Out-of-Warranty EPDM
Roof Systems”

September 1994 & 1995, IASBO
Facility Management Committee Seminar. “Straight Talk About Current Roofing Issues”

November 1994, Joint Annual Conference of IASB/IASA/IASBO - Panel Discussion. “Between
You and the Elements”

August 1994, Buenos Aires, Argentina
2nd International Congress on Roof Technology: “Roof Maintenance and Repair, Analysis,
Investigation and Recommendations for Long- Term Roof System Performance”

August 1994, Glen Ellyn, Illinois
IFMA Program Speaker “Roofing Concerns, Design, & Maintenance”

April 1994, Chicago, Illinois
AFC Roofing & Insulation. 7th Annual Seminar on Industrial and Commercial Roofing. Guest
Lecturer.

April/May 1993-1994, University of Illinois
Architecture 231, Guest Lecturer. “Roofing”

October, 1993, Omiya, Japan
6th International Conference on durability of building materials and components: Unique Steep
Slope Roofing Systems: Design, Restoration, Maintenance, and Principles, Techniques and
Recommendations for Long-term Service Life.

October, 1993, Sao Paulo, Brazil
8th International Symposium on Waterproofing. “Unique Steep Slope Roofing Systems: Design,
Restoration, and Maintenance, Principles, Techniques, and Recommendations”

October, 1993, Barrington, Illinois
Barrington Breakfast Rotary “Roofing: Materials and the Basic Elements of Roof Design”

May, 1992, Madrid, Spain
VIII International Roofing and Waterproofing Congress, “Roof Replacement: The Whole Story”

January, 1992, Hebron Business Association: “Turkey: A Cultural Crossroads”

October, 1991, Ann Arbor, Michigan
Roof Consultant Institute, Region III Meeting, “Detailing and Inspecting SPM Roof Systems”

June, 1991, Chicago, Illinois
CSI/AIA Seminar, “Contract Administration and Inspection of Roofing Systems Installation”

April, 1991, Montreal, Quebec, Canada
3rd International Symposium of Roofing Technology, “Architectural Contract Detailing for SPM Roof Systems”

February, 1991, Deerfield, Illinois
Roof Consultant Institute, Region III Meeting, “The Perfect Project: Restoration of 80 Year Old Clay Tile Roof System”

May, 1985, McHenry District 156-High School, McHenry, Illinois “The Differing Cultures of South America”

April, 1983, Temple Buell Gallery, University of Illinois “Baroque Influences on the Colonial Architecture of Brazil”

PUBLISHED TECHNICAL PAPERS

“Designing Replacement Roof Systems to Achieve Long Term Service Life: A Sustainable Solution.”
DBMC 2008 (11th International Conference on Durability of Building Materials and Components)
Istanbul, Turkey.

“Keys to Sustainable Roofing.” Roof Tech 2007 - Calgary, Alberta, Canada.
“Environmentally Sensitive and Energy Conscious Roofs.” ICEBEST 2007 (The International Conference on Building Envelope Systems and Technology) - Bath, United Kingdom.

“Preventing Building Envelope Failures: A Key to Sustainable Construction.” ICEBEST 2007 (The International Conference on Building Envelope Systems and Technology) - Bath, United Kingdom.

“Environmentally Sensitive and Energy Conscious Roofs.” RCI 22nd International Convention & Trade Show 2007 - Orlando, Florida.

“Preventing Building Envelope Failures: A Key to Sustainable Construction.” Proceedings of SB05, 3rd International Conference on Sustainable Building - Tokyo, Japan.

“The Increasing Importance & Viability of Sustainability for Building Envelopes.” Proceedings of the 2004 RCI Symposium on Building Envelope Technology - New Orleans, Louisiana.

“Roof Restoration: The EPDM Phenomenon.” Proceedings of the 2004 CIB World Congress - Toronto, Ontario, Canada.

“Sustainable Low-Slope Roof Systems Designed for the Long-Term - Getting it Right the First Time.”

Proceedings of the 2004 CIB World Congress - Toronto, Ontario, Canada.

“Snow, Water & Ice: Understanding and Solving Water Back-up & Ice Accumulation.” Proceedings of the 2002, XII International Roofing & Waterproofing Conference, Lake Buena Vista, Florida.

“Integrating Building Components in Roof System Design for Long Term Roof System Performance.”

Proceedings of the 2002, 9th International Conference on Durability of Building Materials and Components, Brisbane, Australia.

“Mundelein High School Roofing Replacement; A Case Study of Superior EPDM Roof System Design and Application.” Proceedings of the XIth International Waterproofing Association Congress, Florence, Italy.

“Tenets of Sustainable Roofing.” Proceedings of the 1999 8th International Conference on Durability of Building Materials and Components, Vancouver, Canada.

“Roof Maintenance & Repair for Long Term Roof System Performance.” Proceedings of the International Symposium on Management, Maintenance, and Modernization of Building Facilities, Singapore.

“Towards Sustainable Roofing.” Proceedings of the 1998 10th Congress of the International Waterproofing Association, Copenhagen, Denmark.

“Optimal Service Life Design and Proactive Roof Maintenance Effects on Life Cycle Costing for Low Slope Roof Systems.” Proceedings of the 1997 10th International Symposium on Waterproofing, Sao Paulo, Brazil.

“Comparative Analysis of Roofing and Waterproofing Practices in Brazil & US.” Proceedings of the 1995 1st Latin American Congress on Roofing and Waterproofing, Sao Paulo, Brazil.

“Restoration of Out-of-Warranty EPDM Roof Systems.” Proceeding of the 1995 IX International Congress on Roofing and Waterproofing, Amsterdam, Netherlands.

“Roof Maintenance and Repair, Analysis.” “Unique Steep Slope Roofing Systems: Design, Restoration, and Maintenance, Principles, Techniques, and Recommendations, Part 1.” Proceedings of the 1993 8th International Symposium on Waterproofing, Sao Paulo, Brazil.

“Unique Steep Slope Roofing Systems: Design, Restoration, and Maintenance, Principles, Techniques, and Recommendations, Part 2.” Proceedings of the 1993 6th International Conference on Durability of Building Materials and Components, Omiya, Japan.

“Roof Replacements: The Whole Story”. Proceedings of the 1992 VIII International Congress on Roofing and Waterproofing, Madrid, Spain.

“Architectural Contract Detailing for SPM Roof Systems.” Proceedings for the 1991 International Symposium on Roofing Technology, Building a Worldwide Roofing Community, Montreal, Canada.

“Challenging What’s Cool: Is the Exponential Growth of Cool Roofing an Impending Catastrophe.” Eco-structure, pp. 38-41, January/February 2009.

“A Matter of Opinion: A Roofing Industry Professional Shares his views about Current Issues Facing the Industry.” Professional Roofing, pp. 32-38, October 2008.

PUBLISHED TECHNICAL ARTICLES

“Backing Ballast - A Study Confirms Ballasted Roofs Meet Cool-Roof Criteria.” Eco-Structure, pp.40-42, June 2008 .

“Thickest Roof Cut Contest.” RCI Interface, pp. 48, June 2008.

“EPDM Recycling Project Showing Early Signs of Success.” Builders Connection, pp. 26, 29, February 2008.

“Achieving Sustainability of a Roofing System.” RCI Interface, pp. 15-20, December 2007.

“ERA Recycling Research Project Shows Promise.” Roofing Contractor Magazine, pp. 72-73, November 2007.

“Producing a Truly Sustainable Roof System.” Environmental Design & Construction Magazine, pp. 22-27, November 2007.

“Keys to Sustainable Roofing: 10 Points to Getting the Longest Life from a Roof.” Architectural West Magazine, pp. 24-26, September/October 2007.

“Successful Partnerships to Create Sustainable Roofing.” The Construction Specifier, pp. 46-47, 49-50, 52, 54, 65, June 2007.

“Keys to Sustainable Roofing.” Roofing Canada, pp. 16, 18, 22, 28, 30, June 2007.

“Waste Not: An EPDM Recycling Initiative Explores the Environmental Potential of EPDM.” Professional Roofing, pp. 32-35, April 2007.

“Cool Roofing - A Ten Year Retrospective.” Buildings Magazine, pp. 52, 54, 56, February 2007.

“Speaking from Experience: A Roofing Professional Shares His Views about the Roofing Industry.” Professional Roofing, pp. 38-45, November 2006.

“FM Data Sheet 1-29 Changes.” RCI Interface, pp. 32-33, July 2006.

“Custom Work: Learning to Fabricate an Internal Flange Roof Curb.” Metal Mag, pp. 124-130, May/June 2005.

“Roofing’s Dirty Little Secret.” Professional Roofing Magazine, p. 26, April 2005.

“Where’s the Craftsmanship?” Metal Mag, p. 130 March/April 2005.

“Sustainability and Roofing: It’s Time Has Arrived.” NRCA Professional Roofing, pp. 26-38, March 2004.

“In Their Opinions: An Architect, Manufacturer & Roofing Contractor Discuss Proprietary Specifications.” (Architects Section) NRCA Professional Roofing, pp. 18-24, October 2002.

“Designing Environmentally Responsive Low Slope Roof Systems.” RCI Interface, pp. 13-20, November 2001.

“A Guide to Design Sustainable, Environmental Systems.” Facilities Design & Management, pp. 22-23, October/November 2001.

“Optimizing Roof Performance.” School Construction News, p. 25, July/August 2001.

“Design Considerations for Cold Climates.” RCI Interface, p. 26, July 2001.

“Health and Life Safety, from the Perspective of the Architect/Consultant.” CRCA Safety News Letter, p. 2, July 2001.

“How to Prevent Roof Abuse.” ThomasW. Hutchinson, AIA, RRC and Douglas J. Ogurek, College Planning & Management, pp. 28-29, December 2000.

“Successful Roof Design is in the Details.” Chicago Industrial Properties, pp.10-11, 26-27, July 1998.

“Sealant and the Roof Edge.” RCI Interface, pp. 33-34, April 1997.

“Life-cycle Cost Analysis Helps Owners Choose Best System.” NRCA Professional Roofing, pp. 14-17, August, 1996.

“Region Three Profile.” RCI Interface, pp. 22-23, February, 1996.

“A Successful Roof Maintenance Program Begins with Design.” NRCA Professional Roofing, pp. 18-21, January, 1995.

“Roofing Maintenance: On-going Requirements.” IFMA Newsletter, p. 1, 3, July, 1994.

“Key to Installing a Quality Roof is A Lot of Hard Work.” Pro’s Corner, NRCA Professional Roofing, p.18, June, 1992.

“The Importance of Roof Maintenance.” International Facility Managers Association Newsletter.

“Contract Administration/Inspection of Roofing Systems Installation.” Change Order (CSI monthly newsletter, September, 1991).

PUBLISHED ARTICLES INTERVIEWED & QUOTED IN

“Energy Efficiency: More Than a Simple Black-and White Issue.” Interviewed and Quoted In, RCI Interface, pp. 25-30, December 2008.

“City of Milwaukee 809 Building Project 1st Place Winner for RCI Small Document Competition.”
RCI Interface, p. 35, June 2008.

“Energy Programs Miss the Mark.” Interviewed and Quoted in, RSI (Roofing-Siding-Insulation), p. 7, May 2008.

“Consultants Share Concerns: Teamwork Key to Successful Roofing Project.” Interviewed and Quoted in, RSI (Roofing-Siding-Insulation), pp. 12-16, May 2008.

“The Case of the Mysterious Roof Coating Failure.” Interviewed and Quoted in, Coatings Pro Magazine, pp. 80-83, January 2008.

“EPDM Systems: Where the Rubber Meets the Roof.” Interviewed and Quoted in, Roofing Contractor, pp. 86-87, January 2008.

“Making It to the Top for Chicagoland.” Cover Story Interviewed and Quoted in, Commercial Builder/Architect, pp. 4-8, December 2006.

“Roof Recycling is Looking Up.” Interviewed and Quoted in, Eco-Structure, pp. 68-70, 72, 74, November 2006.

“Speaking from Experience: An Architects/Roof Consultant’s Perspective on the Roofing Industry.” Professional Roofing, November 2006.

“Niles West High School’s Field House Wins With Special Adhesive.” Cover Story RSI, pp. 32-36, September 2006.

“Good Construction Docs Cure Roofing Ills.” Interviewed and Quoted in, Building Operating Management, pp. 98, 100, 102, 104-106, September 2006.

“2006 Document Competition: Small Roofing and Waterproofing Project – 1st Place.” RCI Interface, pp. 41, July 2006.

“Roof Warranties: Words of Advice.” Buildings Magazine, pp. 50-54, February 2006.

“Building a Flat Roof Right.” Quoted in, This Old House, pp. 108-111, November 2005.

“Finding the Right Roofing System.” Interview and Quoted in, Building Operating Management, pp. 96, 98, 101-104, September 2005.

“A Watertight Second-Story Porch.” Interviewed and Quoted in, Fine Homebuilding, pp. 89-94, November 2004.

“Keeping Tabs on Roofs: Out of Sight and Out of Mind, The Roof May be in Trouble.” Interviewed and Quoted in, Building Operating Management, pp. 94-105, September 2004.

“Roofs and the Environment: The Industry is Developing Products and Practices to Help it Become More Green.” Quoted in, Canadian Consulting Engineer, pp. 35-39, December 2003.

“Adding Years to the Roof.” Quoted in, Building Operating Management, pp. 54-64, November 2002.

“Staying in the Loop.” Interviewed and Quoted in, Professional Roofing, pp. 42-44, March 2002.

“Roofing Built to Last.” (Quoted in and provided information for article) Jack Klein, Architecture, November, 1997.

“Making the Grade.” (Project profile quoted in) Buildings, October, 1997.

“Building Magazine.” by Maureen Patterson, Associate Editor (Interviewed for and quoted in Article) pp 54-56, February 1996.

“And the Survey says . . . Architecture Students are not Learning Roofing.” (Quoted in and provided information for Article) Mari A. Ujka., NBCA Professional Roofing, pp 20-24, September, 1992.

SELECTED PROFESSIONAL CONFERENCE AND SEMINAR PARTICIPANT

Redicheck Interdisciplinary Coordination

Restore: Masonry Conservation Workshop

U.S. Intec Roof Consultant Seminar

Carlisle Syntec Systems: Foreman’s Application Seminar Roof Consultant/Architect Roofing Design Conference Fleece Back/Fast Adhesive Training Course

Butler Roof Systems, Roof Consultants Seminar

NRCA/NIST: 9th Conference on Roofing Technology

1987-2006. Chicago and Midwest Roofing Contractors’ Associations: Architect-Contractor Program/Lecturer

NRCA: Roof Problems: Analysis and Roof Options

SPRI: Single Ply Systems: Roofing Solutions

Chicago Chapter CSI: Singly Ply Membrane: Wind Design

Milwaukee Chapter CSI: A New Decade in Roofing

1990-2006 Roof Consultant Institute National Convention

1990, 96-99, 2001, 2003-2006 Midwest Roofing Contractor Association Convention

University of Wisconsin Department of Engineering

- Effective Below Grade and Plaza Deck Waterproofing
- Selection and Use of Single Ply Roofing Systems
- Masonry Design and Construction: How to Avoid and Solve Masonry Problems

Crystal Lake Chamber of Commerce-Leaders in Action Seminar, 1992

“The Building Envelope: Solutions to Problems.” Seven Part Symposium on Design Fundamentals & Failure Prevention, Boston, Massachusetts, 1992.

BURSI-Better Understanding of Roofing Systems Institute, Denver, Colorado, 1987.