



STEPHEN R. TOWNE, RRC, CBC
Project Manager/Roofing Consultant

Education:

B.S.; Engineering Science: Aurora University

Professional Registrations & Certifications:

CBC 1250133 / FL [Certified Building Contractor: State of Florida]
SMI 2373 [Structural Masonry Inspector: Florida Concrete & Products Assn]
RRC 0595 [Registered Roof Consultant: RCI, Inc.]

Professional Affiliations:

American Society of Home Inspectors: [Suncoast Chapter] – Affiliate Member
American Society for Testing and Materials – Professional Member
National Roofing Contractors Association – Professional Member
Roof Consultants Institute – Professional Member

Urban Search and Rescue Qualifications:

FEMA Urban Search and Rescue – FEMA-USACE Certified StS1, ICS Level 1 Certified
Florida Urban Search and Rescue – Florida Task Force 3 Structures Specialist (StS)
Hillsborough County – Hillsborough County Fire Rescue/Special Operations, StS
Bracken Engineering [Engineering Response Team] – Member

Summary of Experience:

Mr. Towne's training, experience and practice has been primarily involved with restoration projects, construction inspections, building envelope forensics, roofing evaluations, and catastrophe response. Mr. Towne is a state licensed contractor, a registered roof consultant, and structures specialist qualified in urban search and rescue.

Within the structural restoration arena, Mr. Towne has overseen and performed efforts relating to assessment, design and restoration efforts in support of structures damaged by fire, hurricanes, vehicles, subsurface and impact damage.

Within the building envelope forensic arena, Mr. Towne has experience and has been qualified to evaluate and opine on construction, building envelopes, industry standards, and construction practices. Mr. Towne has also been instrumental in the investigation and assessment of structures exhibiting moisture intrusion and structural deficiencies.

As a registered roof consultant through RCI, Inc., Mr. Towne has conducted roof system evaluations and provided replacement specifications for residential and commercial structures throughout the state of Florida. In addition, Mr. Towne provided damage assessments for damaged roof systems subsequent to storm activity.



Summary of Experience: (cont.)

Mr. Towne also has a background in Hazardous Waste. In this area he has managed warehouse, transportation and logistical activities of an EPA permitted Hazardous Waste Treatment, Transfer and Storage Facility. Mr. Towne negotiated contracts for transportation services, scheduled shipments, and coordinated operational logistics to minimize costs and maximize profits. He maintained facility permit requirements by developing and implementing policies for regulatory compliance in accordance with applicable Code of Federal Regulation requirements. Mr. Towne also interpreted and applied hardware and software configuration management requirements to various government contracts. He reviewed proposals and drawings to verify contract specifications and prepared cost estimates.

Research:

In conjunction with Bracken Engineering, Mr. Towne has developed protocols and procedures for involvement and deployment in association with Florida Task Force 3 and Bracken Engineering's Engineering Response Team. Bracken Engineering's Response Team has been tasked with responding to disasters, collapses, and projects pertaining to FEMA activities, insurance carriers and municipalities requiring structural engineering guidance and expertise.

Presentations:

- “**Roof Systems Overview, Damages & Code Updates,**” Homewise Insurance Company – March 5, 2010, Tampa, FL
- “**Tile Roofs,**” Nationwide Insurance Company – August 2009, Tampa, FL
- “**Building Envelope,**” West Coast Claims Association – May 2009, Tampa, FL
- “**Building Envelope,**” American Society of Home Inspectors – March 2009, Clearwater, FL
- “**Roof Systems Overview & Damages,**” USAA - March 2008, Tampa, FL
- “**Roof Systems Overview & Damages,**” Travelers of Florida - February 2008, Tampa, FL

Seminars Attended:

- “**Advanced Waterproofing (16hr),**” Roof Consultants Institute - August 2009, San Francisco, CA
- “**Professional Roof Consulting,**” Roof Consultants Institute - September 2008, Seattle, WA
- “**Rooftop Quality Assurance,**” Roof Consultants Institute - August 2006, Los Angeles, CA
- “**Advanced Thermal & Moisture,**” Roof Consultants Institute - August 2006, Los Angeles, CA
- “**Roof Moisture Survey Application Course,**” Infrared Training Center - March 2006
- “**Water Entry Prevention and Moisture Control in Buildings-Roofing Systems, Exterior Walls and Foundations (12PDU),**” University of Wisconsin - August 2005, Madison, WI
- “**Roof Technology and Science I (16hr),**” Roof Consultants Institute - March 2005, New Orleans, LA
- “**Roof Technology and Science II (16hr),**” Roof Consultants Institute - March 2005, New Orleans, LA



Seminars Attended (cont.):

- "Masonry Construction and Inspection Certification Workshop,"** Florida Concrete & Products Association - October 2004
- "Advanced Building Code Administrative (3Hr),"** Florida Contractors School of Continuing Education - July 2004
- "Activating Online Services Accounts (7Hr),"** Florida Contractors' School of Continuing Education - July 2004
- "Risk Management, Inspection of hardware slings and their capacities, the rigging triangle, Application of Hardware, Load Control,"** Crosby Communication System- May 2004
- "Intro to High Wind Workshop,"** Simpson Strong- Tie - March 2004, McKinney, TX
- "Designing for High Wind Workshop,"** Simpson, Strong-Tie - March 2004, McKinney, TX
- "Trench Rescue Training,"** Hillsborough County Fire Rescue – January 2004, Tampa, FL, 24 hours
- "Lesson Learned from the Attack on the World Trade Center,"** Florida Engineering Society, December 2003, Tampa, FL
- "ChlorEP Seminar,"** The Chlorine Institute – November 2003, Tampa, FL, 12 hours
- "Self Contained Breathing Apparatus,"** Hillsborough County Fire Rescue – October 2003, Tampa, FL, 4 hours
- "Incident Command System Training,"** FEMA on-line training - September 2003, Tampa, FL, 8 hours
- "Confined Space Training,"** Hillsborough County Fire Rescue - June 2003, Tampa, FL, 24 hours
- "Hazard Material Training (12 hr),"** Hillsborough County Fire Rescue - June 2003, Lutz, FL
- "Advanced SAS Workshop,"** Simpson Strong – Tie– September 2002, Jacksonville, FL
- "Intro to SAS Workshop,"** Simpson Strong – Tie– September 2002, Jacksonville, FL
- "Light Steel Framing & the Structural Engineer – Part 1,"** Light Steel and Framing - August 2002, Tampa, FL
- "Selling Services in the Construction Industry,"** Light Steel and Framing – August 2002, Tampa, FL
- "OSHA Hawoper Refresher Training, [29 CFR 1910.120] (8Hr.),"** Laidlaw Environmental Services- January 1999, Clearwater, FL
- "Occupational Exposure to Bloodborne Pathogens [29 CFR 1910.1030],"** Laidlaw Environmental Services- January 1999, Clearwater, FL
- "Hazardous Materials Transportation Skills Training, [49 CFR 172.704] (8Hr.),"** Laidlaw Environmental Services- October 1998, Clearwater, FL
- "HM-206,"** Laidlaw Environmental Services- October 1998, Clearwater, FL
- "Annual Respiratory Protection Training,"** Laidlaw Environmental Services- September 1998, Clearwater, FL



Seminars Attended (cont.):

- “**Handling PCB Waste: Hazard Recognition,**” Laidlaw Environmental Services- June 1998, Clearwater, FL
- “**OSHA Emergency Preparedness Annual RCRA Update, [40 CFR 264/265.16] (8Hr.),**” Laidlaw Environmental Services- March 1997, Clearwater, FL
- “**HM-126F,**” Laidlaw Environmental Services- February 1996, Clearwater, FL
- “**RCRA,**” Laidlaw Environmental Services- February 1996, Clearwater, FL
- “**OSHA Emergency Response- Specialist Training, [29 CFR 1910.120] (24Hr.),**” Laidlaw Environmental Services- August 1995, Clearwater, FL
- “**OSHA Health and Safety Requirements for Hazardous Waste Operations Supervisory Training, [29 CFR 1910.120] (8Hr.),**” Laidlaw Environmental Services- October 1993, Clearwater, FL
- “**Health, Safety, and the Management of Hazardous Materials, Waste, and Substances,**” Laidlaw Environmental Services- August 1991, Clearwater, FL
- “**Laidlaw Substance Abuse Prevention/Detection Program,**” Laidlaw Environmental Services- August 1991, Clearwater, FL
- “**OSHA Health, Safety and Management of Hazardous Materials, Waste and Substances Training, [29 CFR 1910.120] (40Hr.),**” Laidlaw Environmental Services- August 1991, Clearwater, FL

Urban Search and Rescue Training:

- Structures Specialist StS1, FEMA & US Army Corps of Engineers– May 2004, Sacramento, CA, 40 hours
- Professional Rescuer CPR, American Red Cross- March 2003, St. Petersburg, FL, 8 hours

Litigation Experience:

Myrna Pearce v. First Floridian Auto and Home Insurance Company

Jurisdiction: Circuit Court of the Ninth Judicial Circuit in and for Orange County, Florida

Case Number: 08-CA-0013387-O

Activity: Conducted and Compiled a Limited Condition Assessment Report; Deposed

Eugene J. Strasser, MD, P.A. v. Nationwide Mutual Insurance Company #0:09-CV-60314-PAS

Judiciary: United States District Court Southern District of Florida Ft. Lauderdale Division

Client: Defendant

Activity: Conducted and Compiled a Structure Condition Assessment Report; Deposed



Litigation Experience: (cont.)

Kenneth and Debra Eriksen v. Nationwide Insurance Company of Florida #08-CC-035557

Judiciary: Circuit Court for Hillsborough County, Florida
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structure Condition Assessment Report;
Deposed

**Joseph Marios and Linda Evans v. United Property and Casualty Insurance Company #50
2008 CA 031854 XXXX MBAJ**

Judiciary: Circuit Court of the Fifteenth Judicial Circuit, in and for Palm Beach
County, Florida
Client: Defendant
Activity: Deposed

**Lawrence Manierre and Jacinta R. Manierre v. Continental Construction of Southwest
Florida, Inc. v. Patnode Roofing, Inc. #04-1611-CA**

Judiciary: 20th Judicial Circuit Court of Collier County
Client: Plaintiff's Attorney
Activity: Deposed

**Fredricksburg, LLC. v. The Hanover Insurance Company, Massachusetts Bay Insurance
Company and Citizens Insurance Company of America #06-CA-000849**

Judiciary: 20th Judicial Circuit in and for Lee County, Florida
Client: Attorney for Defendant
Activity: Conducted and Compiled a Structure Condition Assessment Report,
Deposed

John Swangler and Debbie Swangler v. Apex Pest Control, Inc. #05-2007-CA-011454

Judiciary: 18th Judicial Circuit in and for Brevard County, Florida
Client: Plaintiff
Activity: Conducted and Compiled a Limited Condition Assessment Report,
Deposed

Project Experience:

Alexon Properties, Inc. Project Manager responsible for determining the cause, origin and extent of damage to roof of 13,000 square foot warehouse adjacent to a fire damaged warehouse.

Grand Reserve at Kirkman Park. Project Manager responsible for evaluation of Tropical Storm Fay damage to roof and building envelope system of 20 multi-story condominium buildings.

Creative Water Concepts. Project Engineer responsible for post fire damage evaluation of warehouse and creation of restoration plans.

5226 E Hillsborough Ave. Project Engineer responsible for post fire damage evaluation of 75,508 square foot warehouse to determine the reparability versus replacement.



Project Experience (cont.):

PCA Warehouse. Project Engineer responsible for post fire damage evaluation of 423,000 square foot warehouse and creation of demolition plans

Hawaiian Garden Phase II, Fort Lauderdale, Florida. Project Engineer responsible for Hurricane Wilma damage to roof systems of eight building apartment complex.

Tiara East, Deerfield Beach, Florida. Project Engineer responsible for Hurricane Wilma damage to roof systems and balconies of high-rise condominium building.

Delray Summit, Delray Beach, Florida. Project Engineer responsible for Hurricane Wilma damage to roof systems, carport, and balconies of high-rise condominium building.

Aercon, Haines City, Florida. Project Engineer responsible for Hurricanes of 2004 damage to roof system of 110,000 square foot manufacturing facility.

Watergate Condos, Cape Coral, Florida. Project Engineer responsible for Hurricane Charlie damage to roof system of high-rise condominium building.

Seville Condo Association, Clearwater, Florida. Project Engineer responsible for restoration of roof collapse.

Bradenton Beach Club, Bradenton Beach, Florida. Project Engineer responsible for inspection of stucco application during construction and assessment of the stucco on the completed portions of the structure.

Finiels Residence, Venice, Florida. Project Engineer responsible for post vehicle impact evaluation of building, removal and design of structure including: roof system, exterior frame walls, and interior frame walls.

Time Warner, Clearwater, Florida. Project Engineer responsible for on-site consultation during emergency underpinning operations to a structure experiencing severe differential displacement and potential for collapse.

Water Mill Village, Tampa, Florida. Project Engineer responsible for inspecting and monitoring restoration of 19, 4-unit condominium buildings. Oversaw the demolition process and the restoration of structural framing, roofing, and exterior cladding.

Faith Baptist Church, Palm Bay, Florida. Project Engineer responsible for post vehicle impact evaluation of building, removal and design of canopy roof and connection to structure. Restoration included repair to masonry wall, pre-engineered trusses, roof, and re-design of steeple.

Olsen Residence, New Port Ritchey, Florida. Project Engineer responsible for evaluations of existing foundations and designing of restorative underpinning plans to stabilize building and prevent further settlement.

Ascott Residence, Holiday, Florida. Project Engineer responsible for post fire evaluation of building, removal and design of structure including: roof system, exterior masonry walls, load bearing walls frame walls, and interior walls.

Pena Residence, Orlando, Florida. Project Engineer responsible for post fire evaluation of building, removal and design of structure including: roof system, exterior masonry walls, load bearing walls frame walls, and interior walls.

Howard Residence, Lutz, Florida. Project Engineer responsible for cause and origin determination of moisture intrusion occurring within the structural envelope.



Project Experience (cont.):

Frye Residence, Ft. Myers, Florida. Project Engineer responsible for cause and origin determination of moisture intrusion occurring within the structural envelope.

Rossiter Residence, Davis Island, Florida. Building Contractor responsible for construction of multiple room addition to existing structure.

Coppage Residence, Tampa, Florida. Building Contractor responsible for remodeling entire existing structure. Project included demolition and reconstruction of interior walls, modification of existing roof trusses, addition of third bathroom, and construction of a garage.

FEMA, Albany, Georgia. Participated with the Federal Emergency Management Agency's response activity for the identification and removal of hazardous materials from structures adversely affected by flooding.

Department of Environmental Protection, Florida. Participated with the DEP'S Emergency Response Program activity for the identification, shipment, and disposal of abandoned or improperly disposed of hazardous materials within the state of Florida.

Punta Gorda/ Charlotte Harbor, Florida. Post Hurricane Charley Florida Task Force 3. Participated in Urban Search and Rescue effort as well as structural triage.