

**JOHN PEPPER, P.E.**  
**PRESIDENT**  
**THE PEPPER ENGINEERING GROUP, INC.**

**PROFESSIONAL REGISTRATIONS:**

- Professional Engineer, State of Florida, 1976, Number 15073
- Florida State Certified General Contractor (Inactive), Number CGC047405
- Florida State Certified Threshold Inspector, Number 199
- Standard Code Building Inspector, Number BN0003 270
- Major, Corps of Engineers, United States Army Reserve. Honorable discharge 1992

**EDUCATION:**

Bachelor of Science in Architectural Engineering, University of Miami at Coral Gables, Florida, September, 1970.

**PROFESSIONAL HONORS RECEIVED:**

Outstanding Technical Achievement Award, 1990

Florida Engineering Society

For structural design of the 40 story Mystic Pointe Tower 400, North Miami Beach, Florida

Outstanding Technical Achievement Award, 1990

Broward County Chapter of the Florida Engineering Society, for structural design of the 40 story Mystic Pointe Tower 400, North Miami Beach, Florida

Outstanding Achievement Award, 1987

Professional Engineers in Construction, National Society of Professional Engineers for work on construction computer application, primarily for development of the NSPE Computer Bulletin Board system.

Outstanding Service to the Profession Award, 1996 Florida Engineering Society, Broward County Chapter.

Elected Fellow of the Florida Engineering Society, 1995.

**GUEST SPEAKER:**

Subject: The Mexico City Earthquake, based on 7 day on site study for the National Society of Professional Engineers.

1. National Society of Professional Engineers 1986 Winter Meeting Joint Practice Luncheon, Fort Worth, Texas.
2. Florida Engineering Society Annual Meeting, Innesbrook, Florida, 1986.
3. Joint Meeting of the Florida Engineering Society and American Institute of Architects, Broward County Chapters, 1986.
4. Florida Engineering Society, Palm Beach Chapter, 1986.

Subject: Damage to SC by Hurricane Hugo, based on a 5 day on site study for the National Society of Professional Engineers, and the U.S. Army Corps of Engineers, Charleston District.

1. National Society of Professional Engineers 1990 Winter Meeting, San Diego, CA.
2. Florida Engineering Society, Broward County Chapter, 1989
3. Construction Specifications Institute, Broward County Chapter, 1989.
4. American Institute of Architects, Miami Chapter, 1990.
5. Plumbing Contractors Association, Miami, 1990.

Subject: Painless Reinforced Concrete Construction

1. Coastal Chapter, Southeastern Council of Ironworker Employers 1990.
2. Concrete Reinforcing Steel Institute Meeting, Rolling Hills, Fl. 1990.

Subject: The Oklahoma City Federal Building Bombing

1. Florida Engineering Society, Broward County, 1995.
2. Joint Building Code Officials Conference, 1995.
3. Florida Fire College, 1995

Subject: The Sri Lanka Central Bank Bombing

1. Joint Building Officials Conference, 1996

Subject: The Humberto Vidal Propane Explosion in Puerto Rico

1. Ft. Lauderdale Rotary Club, 1997.

Subject: Is it safe? When to enter a damaged building

1. Disaster 97, Florida Emergency Medical Foundation, 1997.

## **PAPERS PUBLISHED:**

1. Subject: Structural Damage to Mexico City, Florida American Society of Civil Engineers 1986 Annual Meeting, Palm Beach, FL.
2. Subject: An Electronic Bulletin Board System at the National Society of Professional Engineers, American Concrete Institute Annual Convention, 1988 San Antonio, TX. Additionally published in a 1988 ACI Book on computer applications.
3. Subject: Structural Damage of Earthquakes and Emergency Response, Eastern and Central Earthquake Symposium – Threat and Response, Charleston SC. 1989, sponsored by the U.S. Army Corps of Engineers.
4. Vibration Attenuation in South Florida, Feb. 2000, Proceedings of the International Society of Explosive Engineers.

## **PROFESSIONAL AFFILIATIONS (with membership date):**

- Major, Corps of Engineers, United States Army Reserve. Assigned to Huntsville Division, Army Corps of Engineers – Honorable discharge, 1992
- National Society of Professional Engineers: Professional Engineers, 1983
- Chairman of the Headquarters Automation and Administrative Committee, 1987-90
- Member, VAST (Volunteer Assistance) Task Force 1990
- Member, Joint Dues Billing Task Force, 1989-1990
- Member, National Disaster Registry
- PEPP Practice Session
- PEC Practice Session
- Florida Engineering Society: 1983, Elected Fellow, 1995
- Captain South Florida Area Engineers Emergency Assistance Team
- Chairman Constructive Environment Committee, 1993
- Florida Engineering Society, Board County Chapter: 1983, President, 1991-1992, Chairman, Disaster Preparedness Committee
- Florida Institute of Consulting Engineers 1987
- Florida Coalition of American Structural Engineers 1990
- American Consulting Engineers Council 1987
- American Concrete Institute 1970
- Post Tensioning Institute, Professional Member, 1986

- Society of American Military Engineers 1987
- Order of the Engineer, 1990
- International Society of Explosive Engineers, 1997

## **CIVIL AFFILIATIONS:**

### **METRO – DADE FEMA (OFDA)**

Urban Search and Rescue Team – Structural Engineer Team Leader. Serves as the Miami-Dade Urban Search and Rescue Team as the Structural Engineer Team Leader with coordination of the team members for activation. Participant in the following deployments:

1. Oklahoma City Federal Building Bombing Rescue/Recovery
2. Sri Lanka Central Bank Terrorist Bombing Rescue/Recovery/Evaluation
3. Humberto Vidal Propane Gas Explosion in Puerto Rico Rescue/Recovery
4. Nairobi Terrorist Bombing Rescue/Recovery/Evaluation
5. Taiwan earthquake Rescue/Recovery/Evaluation
6. World Trade Center Rescue/Recovery

### **BROWARD COUNTY BOARD OF RULES & APPEALS (BCBRA)**

The Broward County Board of Rules and Appeals writes and enforces the South Florida Building Code, Broward County Version. Served for 6 years ending 2000 in various positions.

- Structural Committee, Chairman
- Roofing Committee member
- Executive Committee, member
- Board Member and Alternate Board Member
- Probable Cause Committee, member

## **STATE CONTRACTS**

1. Contracted as an expert by the State Board of Business and Professional Regulation
2. Contracted as structural engineer, Professional Team, Florida Commission on Hurricane Loss Projection Methodology.

## **PARTIAL LIST OF SIGNIFICANT STRUCTURAL DESIGNS:**

<b>Name</b>	<b>Description</b>
Renaissance I	30 Story Flat Plate
Renaissance II	30 Story Flat Plate
Atlantic I	18 Story Post Tensioned Flat Plate
Atlantic II	18 Story Post Tensioned Flat Plate
Mystic Pointe Tower 100	30 Story Flat Plate
Mystic Pointe Tower 200	30 Story Flat Plate
Mystic Pointe Tower 300	18 Story Flat Plate
Mystic Pointe Tower 400	40 Story Flat Plate *
Mystic Pointe Tower 500	30 Story Flat Plate
Mystic Pointe Tower 600	22 Story Post Tensioned Flat Plate
Bay Club III	24 Story Flat Plate
4 Mystic Pointe Parking Garages	4 Story Post Tensioned Beam and Slab
2 Bay Club Parking Garages	4 Story Post Tensioned Beam and Slab
Mystic Pointe Tower 600 Garage	4 Story Post Tensioned Beam and Slab
Promenade at Boca Pointe	8 Story Post Tensioned Flat Plate
Imperial at Boca Pointe	8 Story Post Tensioned Flat Plate
Renaissance at Boca Pointe	8 Story Post Tensioned Flat Plate
Sunrise Lakes Recreation	100 Ft. Span Steel Rigid Frame
Walco Warehouse	1-2 Story Tilt up wall
Long Boat Key Club	5, 8-9 Story Post Tensioned Flat Plates
Sunrise Lakes	Approximately 100 3 & 4 Story Apt.

\* Won the Florida Engineering Society's Outstanding Technical Achievement Award for 1990