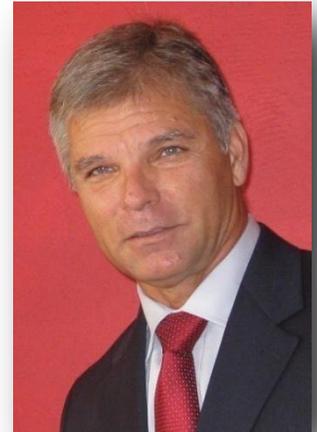


## ***Lawrence Dombrowski, P.E.***

Mr. Dombrowski is a licensed Professional Engineer and the founder of Dombrowski Forensic Engineers. He heads up the Forensic and Litigation Support of the firm.

- Mr. Dombrowski is a practicing civil/structural engineer with more than 35 years of experience in the construction industry.
- He has designed and inspected buildings, utility structures, specialty structures, and site infrastructure improvements as well as building foundations, structural framing, and exterior fenestrations for low and mid-rise commercial office buildings, warehouses, churches, schools, amusement park rides, and single-family and multi-family residences.
- Mr. Dombrowski has extensive forensic experience. He investigates and evaluates shoring failures, building structural failures, shallow and deep foundation failures, determines the cause of distressed and damaged building components, assesses compliance of existing building construction to contract documents and building code requirements, assesses walking surfaces and stairs, and evaluates roadway design and maintenance issues.
- Mr. Dombrowski has provided expert testimony on numerous matters by affidavit, deposition, and trial. Premise liability, product liability, construction safety, construction accidents, scaffolding failure, building collapse, construction defects, water intrusion, site infrastructure design/defects, and roadway/traffic accidents are some of the matters that he has testified as an expert witness.



### ***Education***

**Associate of Arts in Engineering**  
Ocean County College  
Toms River, NJ, 1977

**Bachelor of Science in Civil Engineering**  
NJ Institute of Technology  
Newark, NJ, 1979

### ***Licenses***

**Professional Engineer**  
Florida, 1983

**Threshold Inspector**  
Florida, 1985

### ***Certifications***

**Structural Engineer**  
SECB, 2007

**Structural Masonry Inspector**  
Florida Concrete and Products Association, FC&PA, 1998

**Welding Inspector**  
American Welding Society, 1988

1800 SW 1st Avenue Suite 503  
Miami, FL 33129  
1.866.357.9951

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## ***Lawrence Dombrowski, P.E.***

- Mr. Dombrowski is a certified structural engineer, threshold inspector, and was an arbitrator neutral for the American Arbitration Association. He has also received training and certification as a structural masonry inspector and as a welding inspector.
- As a panel member of the American Arbitration Association, he served as a neutral during fast-track and 3-member panel arbitration proceedings for construction disputes.
- He provides technical consultations on time sensitive cases to building owners, management associations, insurance companies, attorneys, engineers, contractors and government agencies.
- Mr. Dombrowski is involved in voluntary work as a member of the Florida Task Force 1 Urban Search & Rescue team, and is a FEMA Structure Specialist. He serves as a first responder in chaotic environments created after major disasters, such as hurricanes Ivan and Katrina, and most recently for the earthquake in Haiti. While in Haiti, he assessed collapsed and damaged structures and worked with rescuers to secure structures during rescues of trapped victims.
- Mr. Dombrowski is a certified dive professional by Scuba Diving International as a Divemaster, an Open Water Scuba Instructor, a Scubility Instructor, and by the Handicapped Scuba Association as an Instructor. He has logged dives in the Bahamas, Brazil, Iceland, Portugal, Turks & Caicos, Curaçao, and the United States.

### ***Certifications***

**Structural Specialist**  
FEMA, 2002

**Construction Neutral**  
American Arbitration Association,  
1991 - 2014

**Divemaster**  
Scuba Diving International, 2011

**Instructor**  
Scuba Diving International, 2012  
Handicapped Scuba Assoc., 2012

### ***Affiliations***

**American Society of Civil Engineers**  
Member

**Technical Council on Forensic Engineering** Forensic Practices Committee Member

**Florida Structural Engineers Association**  
Member

**Florida Engineering Society**  
Member

**American Concrete Institute**  
Member

**American Bar Association**  
Member

**Council on Litigation Management**  
Fellow

**USAR Florida Task Force 1**  
Member

## ***Professional Experience***

### **Principal Engineer/President**

*Dombrowski Forensic Engineers, P.A.* 2006 - Present

Evaluates construction defects and construction claims; investigates and analyzes failures and accidents that occurred during construction projects; investigates and analyzes shallow and deep foundation failures, structural distress and failures, building collapses, water intrusion/penetration problems, roofing construction and problems, and building and site improvement maintenance issues; evaluates site hydrology and storm water management systems; evaluates construction compliance with building codes, safety codes, and contract specifications; analyzes stair and walkway surfaces for compliance with standards; evaluates roadway design and maintenance issues.

### **Principal/Senior Manager**

*Delta Consulting Group, Inc.* 2005 - 2006

Evaluated construction defects and construction claims; determined cause and origin of water intrusion/penetration problems in buildings; assessed building and site improvement maintenance issues; evaluated site hydrology and storm water management systems; evaluated construction compliance with building codes, safety codes, and contract specifications.

### **Senior Consultant/ Branch manager/ Project Manager/ Construction Division Manager**

*Rimkus Consulting Group, Inc.* 1998 - 2005

Evaluated construction defects and construction claims; investigated and analyzed failures and accidents that occurred during construction projects;

### **Publications**

#### **ASCE Technical Council on Forensic Engineering**

Forensic Practices Committee

“Guidelines for Forensic Engineering Practice, Second Edition (2012)”

Committee member, submitted text for publication update.

#### **ACI Committee 311**

“ACI Manual of Concrete Inspection, Publication SP-2 (92)”

Committee member, submitted text for publication update.

#### **Journal of Structural Engineering, 113, 802 (1987)**

“Inelastic Behavior of Reinforced Concrete,”

authored by:  
Robert John Craig,  
Jack Decker,  
Lawrence Dombrowski,  
Robert Laurencelle,  
John Federovich,

#### **Diveheart Adaptive Diver Training Manual (2014)**

Provided demonstrations of dive skills and dive briefings, and collaborated on skill requirements with the principal authors.

investigated and analyzed shallow and deep foundation failures, structural distress and failures, building and roof collapses, water intrusion/penetration problems, roofing problems, and building and site improvement maintenance issues; evaluated construction compliance with building codes, safety codes, and contract specifications; analyzed stair and walkway surfaces for compliance with standards; evaluated roadway design and maintenance issues.

### **Director of Engineering**

*Decon Worldwide, Inc.*

1998

Responsibilities included management of the design and estimating teams; performed preliminary structural design of cold-formed, light-gauge steel framing and trusses for residential and light commercial buildings; prepared cost estimates for fabrication and erection of cold-formed, light-gauge steel framing and trusses; prepared cost estimates for office and retail store tenant improvements.

### **Vice President of Engineering**

*Professional Engineering & Inspection Company*

1997 - 1998

Responsibilities included management of the structural design department; supervised structural and geotechnical engineers, designers, draftsmen, and inspectors; performed structural design, inspection, evaluation, and plan and specification preparation for new commercial and residential buildings of concrete, masonry, wood, and steel construction; managed the structural restoration of a high-rise steel-framed, masonry-clad apartment building that was listed on the National Historic Registry; prepared geotechnical engineering reports and recommendations.

### **Senior Engineer/President**

*Dombrowski & Associates, P.A.*

1991 -1997

Responsibilities included the day-to-day operation of a civil/structural engineering company; performed structural design, inspection,

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evaluation, and plan, specification, and bid document preparation for new building construction, existing building restoration, and special structure construction and fabrication (such as submerged concrete breakwaters, steel towers, signs, etc.); performed shoring and reshoring designs and inspections for building structures; prepared due diligence reports and surveys of buildings; performed and administered consultant civil/structural engineering services; provided expert witness testimony; provided Threshold Inspection services on composite concrete and steel buildings.

### **Chief Engineer - Inspections (Southeast Region)**

*Ardaman & Associates, Inc.*

1987 - 1991

Responsibilities included management of the Inspections Department at the West Palm Beach, Florida office, and the supervision of engineers, inspectors, and technicians for special projects in Coca Beach, Orlando, Port St. Lucie, Tallahassee, Tampa, and Miami; supervised threshold and special inspections of concrete, masonry, and steel buildings; supervised and performed inspections of bridges, utility systems, site infrastructures, and roadway improvements; developed and administered destructive and non-destructive testing programs for site improvements and for new and existing structures; developed and administered load tests and procedures for deep (pile) foundations, and for new and existing building structures and components; coordinated and performed construction materials tests; prepared due diligence reports and preconstruction surveys of buildings; provided expert witness testimony.

### **Director of Engineering**

*Weyant & Associates Inc.*

1986 - 1987

Responsibilities included management of structural design projects; supervised engineers, draftsmen, and special inspectors; performed structural design, evaluation, plan and specification preparation, and

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inspections for new buildings; performed shoring and reshoring designs and inspections for buildings; developed and administered quality control procedures for design and inspections.

### **Project Engineer**

*Craven-Thompson Associates, Inc.*

1985 - 1986

Performed design of water, sewer, paving, and drainage systems for commercial and residential (land development) projects; designed site drainage improvements (storm water sewerage systems, open channels, street flow, retention and detention boring), gravity and forced sanitary sewerage collection systems, new water distribution systems, pavements, and roadways; performed structural design, plan and specification preparation, and inspections for new buildings; performed construction inspections of new pavement, curbs, striping, drainage systems, sanitary sewerage collection systems, and water distribution systems.

### **Threshold Inspector/Project Manager/Contract Manager**

*Broward County Aviation*

1984 - 1985

Supervised structural field inspectors and ensured mechanical, electrical and plumbing inspections were completed; performed Threshold and Special inspections of new south terminal and concourse, new north terminal and concourse, new northwest terminal and concourse, new west terminal and concourse, new enplaning and deplaning drives, and new pedestrian bridges between the parking garage and the south terminal, project manager on behalf of Broward County Aviation for the new south terminal and concourse, new north terminal and concourse, new northwest terminal and concourse, new west terminal and concourse, new enplaning and deplaning drives, and the new pedestrian bridge between the parking garage and the south terminal, monitored materials testing laboratories for performance of scheduled tests and submittal of test reports.

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## **Vice President**

*John E. Gant & Associates, Inc.*

1981 - 1984

Supervised structural designers and drafters; performed structural design, inspection, and plans and specifications preparation for new commercial, industrial, and residential buildings, utility structures for desalinization facilities, water and wastewater treatment plant tanks, basins, and other utility structures and buildings; performed structural assessments, and prepared restoration plans for existing apartment and condominium buildings; prepared due diligence reports and surveys of buildings for existing and developing problems and deficiencies; performed structural inspections of commercial, residential, and institutional buildings; provided expert witness testimony.

## **Project Engineer**

*Ludovici & Orange*

1980 - 1981

Performed design of water, sewer, paving, and drainage systems for residential (land development) projects; designed and inspected site drainage improvements (storm water sewerage systems, sheet flow, open channels, retention and detention basins), gravity and forced sanitary sewerage collection systems, new water distribution systems, pavements, and roadways; analyze warehouse roof collapse.

## **Design Engineer**

*Lynch, Carmody & Dombrowski, P.A.*

1979 -1980

Performed design of water, sewer, paving, and drainage systems for residential (land development) projects; designed and inspected site drainage improvements (storm water sewerage systems, street flow), gravity sanitary sewerage collection systems, new water distribution systems, pavements, and roadways; performed construction control and layout surveys, boundary surveys, and topographic surveys.