

Application Form

Profile

Hector G. _____ Barragan _____
First Name Middle Initial Last Name

hgbarragan123@aol.com _____
Email Address

2840 N.E. 14th Street _____ Apt 309 _____
Home Address Suite or Apt

Pompano Beach _____ FL _____ 33062 _____
City State Postal Code

What district do you live in? *

District 1

Home: (954) 632-9250 _____
Primary Phone Alternate Phone

Are you a U.S Citizen?

Yes No

Have you ever been convicted of a felony?

Yes No

Current or prior service on governmental boards and/or committees:

Unsafe Structures Advisory Board - City of Pompano Beach

Business Information

Self Employed _____ Sr. Forensic Structural Engineer _____ Structural Engineer _____
Employer Job Title Occupation

Business Address

2840 NE 14 ST, #309

City/State/Zip:

Pompano Beach/FL/33062

Business Phone

9546329250

Interests & Experiences

Which Boards would you like to apply for?

Unsafe Structures & Housing Appeals Board: Submitted

[CV_Hector_Barragan_2026.docx](#)

Upload a Resume

Education

Master's in Engineering

Experience

30years in the practice of Structural Engineering

Past Positions

Hobbies

Are you a resident of Pompano Beach?

Yes No

Do you own real property in the City of Pompano Beach?

Yes No

Are you a registered voter?

Yes No

Question applies to Unsafe Structures & Housing Appeals Board

Select the category that applies to you. *

Registered Engineer

Demographics

Ethnicity

Hispanic

Gender

Male

10/13/1967

Date of Birth

Do you have any disabilities?

Yes No

Making any false statements herein may be cause for revocation by the City Commission of any appointment to a Board/Committee.

Hector G. Barragan P.E.
2840 NE 14th Street, Pompano Beach, FL33062
Mobile: (954)632-9250
Email: HGBarragan123@aol.com

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Hector G. Barragan P.E.
Senior Structural Engineer

AREAS OF EXPERTISE

Building Investigation and Analysis

Building Envelope Investigation, Analysis and Recommendations
Analysis of Exterior Wall and Roofing System Failures
Analysis of Existing Architectural and Structural Building Systems
Moisture Intrusion Analysis
Preparation of Cause and Origin Damage Assessments
Preparation of Scope of Damage Assessments
Remedial Design and Reconstruction Scope Development
Construction Document Peer Review and Analysis
Specification Peer Review and Analysis
Cost estimate analysis
Professional Standard of Care Analysis
Building and Zoning Code Review and Analysis

Building Envelope Redesign & Reconstruction

Development of Remedial Design Plans and Specifications
Preparation of Bidding Documents
Bidding Analysis and Recommendations
On-Site Project Management
Contract Administration
Inspections, Verification and Validation
Project Closeout and Final Documentation

Bridges/Roadways Expertise

Bridge Investigation
Forensic Structural Engineering

SUMMARY OF EXPERIENCE (See below for a detailed list)

Forensic Structural Engineering

The Ritz-Carlton Residences at Singer Island, Singer Island, FL. Investigation of structural failures of post-tension system anchors at two 27-story residential buildings.

Marina Grande Condominium, Riviera Beach, FL. Investigation of structural failures of balcony slabs' prestressed and non-prestressed steel reinforcement at two 26-story residential buildings.

Signature Place, St. Petersburg, FL. Investigation of deficiencies in the structural reinforcing required for exterior walls

Building Envelope Investigation and Repair

Continuum on South Beach, Miami, FL. Project management and threshold review services for the installation of pre-engineered rigging and safety and fall arrest systems on the façade of a 42-story residential tower.

600 Wells Road, Jacksonville, FL. Structural engineering services for the investigation and repair of deteriorated concrete tilt wall panels.

Digital Realty, 36 NE 2nd Street, Miami, FL. Structural engineering services for renovations to an eight-story, steel-framed building with a single-story basement.

Structural Analysis Evaluations Design

Performed in-depth structural inspection and evaluation of entire buildings to provide an overall characterization of the general condition of the entire structure. The purpose of the evaluations were to identify the following circumstances: deteriorated structural elements or structural systems which show damage from excess or improper loading; deteriorated structural elements or structural systems where there is evidence of structural weakness; structural elements or structural systems suspected to be substandard in design, detail, material or construction practices; existing structural elements or structural systems where there is doubt as to structural adequacy regarding future loading. Clients include: 1000 Island Condominium Aventura FL, Friedman Residence Fort Lauderdale FL; Helene White Residence, Boca Raton FL; Chapman Residence, Weston FL, Rivkie Steiner Residence, Hollywood FL; Aviva Wernick Residence, Hollywood FL; Ocean Townhomes Association, Pompano Beach FL.

Earthquake Damage Structural Evaluations, Various Clients, Port-Au-Prince, Haiti: Performed in-depth structural inspection and evaluation of entire buildings to provide an overall characterization of the general condition of the entire structure to identify structural elements or structural systems which exhibit evidence of structural damage due to earthquake force loading; structural elements or structural systems which exhibit earthquake damage due to substandard design, detail, or construction practice; structural elements or structural systems where there is a concern regarding future loading. Provided structural repairs plans and details as required. Designed shoring and jacking assemblies and mechanisms to restore partially collapsed structural components. Performed on-site supervision during jacking of buildings. Clients include: Teleco Building, Port-Au-Prince, Haiti; Haiti Securities Building, Port-Au-Prince, Haiti;

Electro Technique Generale Route de l'aeroport, , Port-Au-Prince, Haiti; Electro Technique Generale Downtown location, Port-Au-Prince, Haiti; The Foundation Connaissance et Liberté / Fondasyon Konesans Ak Libète (FOKAL) Cultural Center, Port-Au-Prince, Haiti.

Bridge Investigation and Design

While performing work for the Florida Department of Transportation (FDOT), inspected hundreds of sign structures and bridges (some Bascule span). Prepared inspection reports, developed maintenance and repair scope, updated FDOT's bridge database, and was involved in designs for new bridges

PROFESSIONAL QUALIFICATIONS

Education:

M.Eng., Structural Engineering, 2000, Florida Atlantic University, Boca Raton, FL
B.S., Civil Engineering, 1991, Universidad de los Andes, Bogotá, Colombia

Registrations

Professional Engineer (P.E.) Florida Board of Professional Engineers. License 56705
Professional Engineer (P.E.) Colombian Board of Professional Engineers. License 2520241088CND

Volunteering

Vice-Chair of the City of Pompano Beach Unsafe Structures and Housing Appeals Advisory Board, FL

PROFESSIONAL DEVELOPMENT AND HISTORY

Independent Engineering Consultant 2026 - Present

M2E Engineering 2026 - 2026

Independent Engineering Consultant 2023 – 2025

Halliwell Engineering Associates, Inc. 2017 - 2023

Thornton Tomasetti/Senior Project Engineer 2014 - 2017
Pompano Beach, FL

Dombrowski Forensic Engineering, Inc. Senior Project Engineer 2011 - 2014
Pompano Beach, FL

Hillman Engineering, Inc. Senior Project Engineer 2009 - 2011
Pompano Beach, FL

Barragan Engineering Consultants, P.A./Principal Engineer 2001 - 2009
Pompano Beach, FL

Chalaire & Associates, Project Engineer 1999 – 2001
Palm Beach Gardens, FL

SRI Consultants, Inc., Structural Engineer 1999 - 1999
Boca Raton, FL

A.G. Lichtenstein & Associates, Inc. Structural Engineer 1997 - 1999
Fort Lauderdale, FL

Environmental Consulting & Technology, Inc. E.C.T. Associate Engineer 1994 - 1997
Fort Lauderdale, FL

The Smith, Korach, Hayet, Haynie Partnership, Civil Engineer 1993 - 1994
Miami, FL

Expert Witness Experience

- 1) Southpoint Condominium Association, Inc. vs Lexington Insurance Company

Deposition Testimony - April 15, 2020.

Venue: United States District Court Southern District of Florida
Case Number: 19-cv-61365

- 2) National Fire Insurance Co. of Hartford a/s/o JLO, Inc. vs. Climate Control of Pensacola, Inc.

Deposition Testimony - February 13, 2020.

Venue: Circuit Court of the First Judicial Circuit in and for Escambia County, FL
Case Number: 2019CA000251

- 3) Pro-Tech Caulking & Waterproofing, Inc., a Florida corporation vs. Mizner Grand Condominium Association, Inc.

Trial Testimony

Venue: 15th Judicial Circuit, in and for Palm Beach County
Case Number: 50-2008CA14630XXXXMB AN

- 4) CIC INVESTORS #13 LTD., d/b/a/ Flanigan's Seafood Bar & Grill, a Florida limited partnership, and FLANIGAN'S ENTERPRISES, INC., a Florida corporation, as assignee of certain monetary rights of CIC Investors #13 Ltd. Vs. SUNILAND ASSOCIATES LTD.

Deposition Testimony

Venue: 11th Judicial Circuit in and for Miami-Dade County
Case Number: 06-26733 CA 32

PROFESSIONAL EXPERIENCE

Halliwell Engineering Associates

Building Envelope Investigation, Analysis and Recommendations, Analysis of Exterior Wall and Roofing System Failures, Analysis of Existing Architectural and Structural Building Systems, Preparation of Cause and Origin of Damage Assessments, Preparation of Scope of Damage Assessments, Remedial Design and Reconstruction Scope Development. Recent cases include:

- Le Nautique at Haulover Inlet
- Handcraft Woodworking/Dwyane Wade, Miami Beach, FL - Litigation
- Archdiocese of Miami - St Justin Martyr Church; Key Largo FL
- Diocese of Venice, FL - Incarnation School
- Brickell Place COA - Brickell Ave, Miami, FL
- SouthPoint Condos, Galt Ocean Mile, FL
- Public Storage (PS) Business Parks, Dade, Broward, Palm Beach Counties.
- Winston Towers 600 - Sunny Isles Beach
- Winston Towers 600 v. Westchester - Sunny Isles Beach, FL - Litigation
- Robb & Stucky, Fort Myers, FL
- IBIS Villas at Miami Gardens Condominium
- Vantage View - N Ocean Blvd, Fort Lauderdale, FL
- The Mansion Town House Condos, Miami, FL
- Lago Grande Condominiums, FL
- Coral Gardens Condos - Coral Springs, FL
- Fairfield Apts/Greenwich Condos - North Miami, FL
- Kings Creek Condos - Miami, FL
- Riverside Club Condos - Marco Island, FL
- Banyan Street-Douglas & Brickell Towers, Miami, FL
- KEI Properties Wells Fargo - Pompano Beach FL
- South Seas Island Resort - Plantation Rd, Captiva, FL
- Edgewater Beach Resort - Panama City Beach, FL
- Bay County Schools (Multiple Locations) – Pensacola, FL
- Lee County Schools - Fort Myers FL
- The Palms 2100 Condominium North Ocean Blvd., Fort Lauderdale, FL
- Plaza of the Americas Club, Sunny Isles Beach, FL – Fire Investigation
- Liberty Tire Recycling LLC - Port St. Lucie, FL – Fire Investigation
- Royal Caribbean Cruises LTD, North Miami, FL
- Fifth Moorings Condos, Miami Gardens, FL
- Sailfish Point Condominium Association, Stuart, FL
- West Fontaine Condo Association, Miami, FL

- Lake & Tennis Villas Condominium Association, Miami, FL
- Meadows of Estero, Estero, FL
- Prentiss Pointe Condo Association, Ft. Myers, FL
- Beacon Reef Condo, Islamorada, FL
- Legends at the Gardens Condominium, Palm Beach Gardens, FL
- Bay Point Harbour Villas, Panama City, FL 32408
- LA Fitness, Plantation, FL – Explosion Investigation
- Milton Jones Mgt - 540 NW 4th Ave., Fort Lauderdale, FL 33311
- Deutsch Kerrigan Law Offices 755 Magazine St., New Orleans, LA
- Greater Miami Jewish Federation 18900 NE 25 Avenue, Miami, FL
- Pink Shell Resort & Marina 275 Estero Boulevard Fort Myers Beach, FL 33931
- Best Western Plus Beach Resort, Fort Myers Beach, FL
- Sandpiper Gulf Resort, Fort Myers Beach, FL
- Estero Beach Resort and Tennis Club, Fort Myers Beach, FL
- Cypress Lake Country Club Villas II Condominium, Fort Myers

Thornton Tomasetti

Forensic Structural Engineering, Building Envelope Investigation and Repair, Litigation.

The Ritz-Carlton Residences at Singer Island, Singer Island, FL. Investigation of structural failures of post-tension system anchors at two 27-story residential buildings.

Marina Grande Condominium, Riviera Beach, FL. Investigation of structural failures of balcony slabs' prestressed and non-prestressed steel reinforcement at two 26-story residential buildings.

Signature Place, St. Petersburg, FL. Investigation of deficiencies in the structural reinforcing required for exterior walls.

Continuum on South Beach, Miami, FL. Project management and threshold review services for the installation of pre-engineered rigging and safety and fall arrest systems on the façade of a 42-story residential tower.

600 Wells Road, Jacksonville, FL. Structural engineering services for the investigation and repair of deteriorated concrete tilt wall panels.

Digital Realty, 36 NE 2nd Street, Miami, FL. Structural engineering services for renovations to an eight-story, steel-framed building with a single-story basement.

Wind Condominium Association, Inc. v. NEO EPOCH 2, LLC, et al., Miami, FL, regarding the anchors of the post-tensioning and the concrete cover for the reinforcement of a 41-story residential building.

Four Midtown Condominium vs. Balfour Beatty, Miami, FL, regarding the cause of alleged failures of exterior windows, sliding glass doors, pool deck waterproofing membrane, and stucco of a 32-story condominium building.

WG Yates vs. Vickers Concrete, Destin, FL, regarding the cause of a post-tensioned balcony slab failure at a 16-story residential building.

Dombrowski Forensic Engineers P.A.

Conducted engineering investigations and determination of the causes of structural failures of buildings, building systems or components, as well as aiding in the development of expert opinions provided during expert testimony in judicial proceedings, or written expert reports and opinions issued by Dombrowski Forensic Engineers, P.A. Recent clients include relevant parties at:

- Cite Condominium, Miami, FL
- Bella Mare Condominium, Aventura, FL
- Artisan Club Condominium, Celebration, FL
- Moorings at Lantana Condominium, Lantana, FL
- WaterStreet At Celebration Condominium, Celebration, FL

Hillman Engineering, Inc.

Expert Opinion in Construction Litigation

Pro-Tech Caulking & Waterproofing, Inc., a Florida corporation vs. Mizner Grand Condominium Association, Inc., a Florida non-profit corporation and James Cohen, an individual and Brian Street, an individual; In the Circuit Court of the 15th Judicial Circuit, in and for Palm Beach County, Florida; Case No. 50-2008CA14630XXXMB AN. Ref: Glenn N. Smith, Esquire Law Firm of Ruden McClosky.

Performed a limited site investigation and provided expert testimony during final hearing in reference to waterproofing membrane.

CIC INVESTOS #13 LTD., d/b/a/ Flanigan's Seafood Bar & Grill, a Florida limited partnership, and FLANIGAN'S ENTERPRISES, INC., a Florida corporation, as assignee of certain monetary rights of CIC Investors #13 Ltd. Vs. SUNILAND ASSOCIATES LTD., A Florida limited partnership; in the Circuit Court of the 11th Judicial Circuit in and for Miami-Dade County, Florida. Case No. 06-26733 CA 32. Ref: H Clay Roberts, Esquire, Law Firm of Roberts & Durkee, P.A.

Performed a detailed investigation of existing building conditions. Prepared evaluation report with deficiencies. Appeared at deposition of non party for the purpose of discovery, and for use at trial. Litigation did not reach Trial.

Condominium Restoration Projects, Various Clients, South Florida.

Prepared construction specification packages for structural restoration of several condominiums in South Florida. Performed structural and threshold inspections during construction. Responsibilities included evaluation of project progress and cost, inspection and approval of contract quantities, supervision of inspection personnel and inspection procedures, interaction with clients and contractors. Clients include: Marriott Hotel at

Miami International Airport; Sundance Condominium Miami Beach FL; The Executive Condominium, Miami Beach FL; Brickell Shores Condominium, Miami FL; Royal Club Condominium, Miami Beach FL; Southview at Aventura Condominium, Aventura FL; Winston Towers 300 Condominium, Sunny Isles FL; TP Apartments, Miami, FL; Athena Apartments, Miami, FL; El Dorado Towers Condominium, Aventura, FL; Azul at Kimberly Lake Condominium, Oakland Park, FL; Park Towers Condominium, Miami, FL; Coronado Condominium, Highland Beach FL.

Structural Evaluations, Various Clients, Florida

Performed in-depth structural inspection and evaluation of entire buildings to provide an overall characterization of the general condition of the entire structure. The purpose of the evaluations were to identify the following circumstances: deteriorated structural elements or structural systems which show damage from excess or improper loading; deteriorated structural elements or structural systems where there is evidence of structural weakness; structural elements or structural systems suspected to be substandard in design, detail, material or construction practices; existing structural elements or structural systems where there is doubt as to structural adequacy regarding future loading. Clients include: 1000 Island Condominium Aventura FL, Friedman Residence Fort Lauderdale FL; Helene White Residence, Boca Raton FL; Chapman Residence, Weston FL, Rivkie Steiner Residence, Hollywood FL; Aviva Wernick Residence, Hollywood FL; Ocean Townhomes Association, Pompano Beach FL.

Earthquake Damage Structural Evaluations, Various Clients, Part-Au-Prince, Haiti

Performed in-depth structural inspection and evaluation of entire buildings to provide an overall characterization of the general condition of the entire structure to identify structural elements or structural systems which exhibit evidence of structural damage due to earthquake force loading; structural elements or structural systems which exhibit earthquake damage due to substandard design, detail, or construction practice; structural elements or structural systems where there is a concern regarding future loading. Provided structural repairs plans and details as required. Designed shoring and jacking assemblies and mechanisms to restore partially collapsed structural components. Performed on-site supervision during jacking of buildings. Clients include: Teleco Building, Port-Au-Prince, Haiti; Haiti Securities Building, Port-Au-Prince, Haïti; Electro Technique Generale Route de l'aéroport, Port-Au-Prince, Haïti; Electro Technique Generale Downtown location, Port-Au-Prince, Haiti; The Foundation Connaissance et Liberté / Fondasyon Konesans Ak Libète (FOKAL) Cultural Center, Port-Au-Prince, Haiti.

Barragan Engineering Consultants, P.A.

Condominium Restoration Projects, Various Clients, South Florida.

Prepared construction specification packages for structural restoration of several condominiums in South Florida. Performed structural and threshold inspections during construction. Responsibilities included evaluation of project progress and cost, inspection and approval of contract quantities, interaction with clients and contractors. Clients

included: The Voyager Condominium, Pompano Beach, Osceola Arms Condominium, Boca Raton, Landmark at Hillsboro, Hillsboro Beach.

Structural Evaluations, Various Clients, Florida

Performed in-depth structural inspection and evaluation of entire buildings to provide an overall characterization of the general condition of the entire structure. The purpose of the evaluations were to identify the following circumstances: deteriorated structural elements or structural systems which show damage from excess or improper loading; deteriorated structural elements or structural systems where there is evidence of structural weakness; structural elements or structural systems suspected to be substandard in design, detail, material or construction practices; existing structural elements or structural systems where there is doubt as to structural adequacy regarding future loading. Clients included: Flanigan's Building, Pine Crest, Cloister Beach Towers, Boca Raton, and various other residential and commercial buildings.

New Construction Residential, Various Clients, South Florida.

Designed structural systems for new custom residential construction. Responsibilities included generation of rational structural analysis, and design of structural components in steel, aluminum, and reinforced concrete. Performed structural inspections to ensure compliance with local building codes, and quality of construction. Interacted with building departments, contractors, and architects.

New Construction Commercial and Industrial, Various Clients, South Florida.

Designed structural systems for new commercial and industrial construction. Responsibilities included generation of rational structural analysis, and design of structural components in steel, aluminum, and reinforced concrete. Performed structural inspections to ensure compliance with local building codes, and quality of construction. Interacted with building departments, contractors, and architects. Project included: New Chiller support Structure at the BCC South Campus, Big Daddy's Taft Street, Empire Pizza Café at the Sawgrass Mills mall, New conveyor/lift system for British Airways at Miami International Airport, It-takes-a-Loving-Village day care center, Doral Golf Resort foundation system for new pre-engineered steel building for mechanical equipment, Miami Heart Institute support system for new mechanical equipment.

Chalair & Associates

Condominium Restoration Projects, Various Clients, South Florida.

Prepared construction specification packages for structural restoration of several condominiums in South Florida. Performed structural and threshold inspections during construction. Responsibilities included evaluation of project progress, inspection and approval of contract quantities, interaction with clients and contractors. Clients included: Jade Winds Condominium, Miami; Sand Pebble Condominium, Hutchison Island; Palm Sea Condominium, South Palm Beach, Fort Lauderdale Yacht and Beach Club, The forum Building, West Palm Beach.

Structural Inspections, Various Clients, South Florida.

Performed structural inspections of several single-family homes. Responsibilities included preparing inspection reports, and recommendations for corrective action.

Restoration/New Residential Construction, Various Clients, South Florida.

Designed structural systems for several restoration projects, as well as new custom residential construction. Responsibilities included generation of rational structural analysis, and design of structural components in steel, aluminum, and reinforced concrete. Performed structural inspections to ensure compliance with local building codes, and quality of construction. Interacted with building departments, contractors, and architects

SRI Consultants, Inc.

New Residential Construction, Various Clients, South and Central Florida.

Designed complete structural and foundation systems for several new custom residential projects in central and south Florida. Responsibilities included generation of rational structural analysis, and design of structural components in steel, aluminum, and reinforced concrete. Performed structural inspections to ensure compliance with local building codes, and quality of construction. Interacted with building departments, contractors, and architects, which included Bali Design, John Obarowski Architects, Design Odyssey 200, Ferrel & Associates, Yuri Furkell Architects. Projects included: Three Story Building, Granco Inc, Fort Pierce Beach, FL. Soil Retaining Wall, Bermuda High South Condominium, Delray Beach, FL. New Beach Amphitheater, City of Hollywood, FL.

A.G. Lichtenstein & Associates, Inc.

Florida Department of Transportation - Royal Park Temporary Bascule Bridge, Design-Build.

Structural engineer in the fast-track structural, mechanical, and electrical design, including fixed steel stringer approach spans on fabricated steel bent caps, founded on steel pipe piles, and relocation of an existing rolling lift bascule span onto new steel pipe pile and steel framed bascule piers. The project was approximate 1km long, including the 600m temporary bridge.

Volusia County Bascule Span Bridges, City of Daytona Beach, FL.

Served as assistant inspector and Structural Engineer for the inspection of 3 bascule span bridges. Responsibilities included preparing inspection reports, recommendation of elements for corrective action, and short and long term maintenance and structural repair schedules.

Florida Department of Transportation - District 6 - Bascule Span Bridges

Served as assistant inspector and Structural Engineer for the inspection of 20 bascule span bridges in the Miami metropolitan area. Responsibilities included preparing inspection reports, recommendation of elements for corrective action, and short and long term maintenance and structural repair schedules.

Florida Department of Transportation - Turnpike-South System.

Served as assistant inspector and Structural Engineer for the inspection of over 300 bridges and 200 sign structures. Responsibilities include preparing inspection reports, recommendation of elements for corrective action, and updating FDOT's bridge information database.

Florida Department of Transportation - District 6.

Served as assistant inspector and Structural Engineer for the inspection of over 430 sign structures. Responsibilities include preparing inspection reports, recommendation of elements for corrective action.

Florida Department of Transportation - Bascule Span Bridge Design, Boynton Beach, FL. Assisted in the design and development of final drawings for the new Bascule Span Bridge at Boynton Beach Boulevard over the Intracoastal Waterway.

Environmental Consulting & Technology, Inc. E.C.T.

Broward County Department of Natural Resource Protection (DNRP) - Emergency response at the Everglades. Provided on-site supervision for the implementation of an emergency response corrective action at Pump 6 at the Everglades after the release of 200 gallons of Diesel fuel.

Environmental Engineering Analysis and Design. Various Clients. South Florida.

Designed remediation systems for treatment of hydrocarbon contaminated ground water and soils. Prepared design and specifications for ground water recovery wells, air stripping towers, injection wells, infiltration galleries, and vapor extraction systems. Provided on-site supervision for the installation of remedial systems Prepared monthly and quarterly operation reports to verify contaminant removal rates. Projects include: REB Oil, Stuart, FL. Fina Belvedere Gas Station, West Palm Beach, FL. Young Oil Co., Miami, FL. Ryder Truck Rental Facility, Davie, FL. Sam's Recycling, Pompano Beach, FL.

Project and Task Manager for operation & maintenance of several existing ground water remediation systems, including one SUPER Fund site. Responsibilities included preparation of monthly and quarterly reports, O&M field activities, interaction with clients, subcontractors and regulatory agencies.

Designed foundation for several 35 ft, and 75 ft light poles at two sports complex sites, Miami, FL.

The Smith, Korach, Hayet, Haynie Partnership

Sewer System Evaluation - Miami-Dade County's Department of Environmental Resources Management (DERM).

Conducted evaluation of current waste water system capacities, policies, and allocation procedures for DERM. Responsible for gathering, analyzing information concerning sewer systems and building permit data throughout Miami-Dade County.

Southern Bell Telephone Company Miami Regional Building, Homestead, FL
Responsible for damage assessment and corrective action recommendations concerning deteriorated roof columns at the Miami- regional Southern Bell Telephone Company Building. Responsible for structural inspections concerning the construction of an additional building at the Southern Bell Telephone Company facilities.