

O'Connell & Associates Consulting Engineers, LLC is a mid-sized, multi-disciplined firm specializing in residential, commercial and municipal work with civil and structural engineers on staff. Our principals and engineers all have strong design and construction backgrounds which, when combined with our experience in a wide variety of processes, techniques and materials, ensures common sense, economical solutions. In addition to our complete array of design engineering services, we also perform forensic inspections, permit acquisition, construction management and litigation support.

At O'Connell & Associates, we strive to provide a high level of personalized service through superior communication and to develop cost-efficient designs tailored to meet your project goals in a timely manner.

We are a locally owned and operated, full-service consulting engineering firm with two offices located in Santa Rosa Beach and Destin, Florida. Licensed in 12 states from Texas to Maryland and Washington D.C., our firm is available to service the vast market of the southeastern United States, specializing in engineering design criteria unique to coastal communities located along the Gulf of Mexico and Atlantic Ocean.























MEET THE TEAM



NEILL O'CONNELL, P.E.

PRESIDENT / PRINCIPAL ENGINEER

Mr. O'Connell has been practicing civil and structural engineering design and construction since his graduation from the University of Alabama in 1999. His civil design experience includes the design of residential and commercial stormwater management systems, roadways, municipal water and sewer utilities, planning, permitting and construction. His structural experience includes the design of low, mid- and high-rise structures utilizing a wide variety of construction materials and the forensic analysis of critical building components associated with existing buildings.



BETSY SMITH, P.E.

VICE PRESIDENT / WATERPROOFING AND RESTORATION

Ms. Smith has been practicing building envelope science, engineering, and construction since her graduation from Princeton University in 2007. She is experienced in the design and analysis of roof coverings, exterior waterproofing, leak testing and several other aspects of building envelope design and evaluation. Betsy has participated in and directed numerous forensic investigations, field tests and building envelope system designs. She is certified in the development of construction bid documents and technical specifications and has extensive experience in construction management for both large and small condominium restoration projects. Betsy also specializes in leak investigations using infrared technology, a tool used to assist in identifying deficiencies in exterior waterproofing systems.



JONATHAN NASH, P.E.

LEAD CIVIL ENGINEER

Mr. Nash has been practicing in the fields of civil engineering design, land development and construction since before his graduation from Auburn University in 2001. His civil design experience includes residential, commercial and industrial site design including planning, roadways, streetscapes, stormwater management systems, utilities and permitting, municipal water/sewer utilities and treatment facilities including planning, conceptual design, state and federal funding assistance, design reports, bid documents, construction contract administration and project management.

MEET THE TEAM



DENIS BELEVITIN, P.E., S.E.

LEAD STRUCTURAL ENGINEER

Mr. Belevitin has been practicing structural engineering since before his graduation from college in 2008. His structural engineering experience includes the design of low, mid and high-rise buildings and other structures utilizing structural steel, concrete, masonry, light gage metal, timber, engineered wood products and aluminum. Mr. Belevitin also has experience in deep foundation design using materials such as timber and precast or auger-cast concrete, shallow foundations such as strip footings, spread footings and continuous mat slabs, and the forensic analysis of critical building components associated with existing buildings located in hurricane prone regions.

BRICE NIST, P.E.

SENIOR FIELD ENGINEER

Mr. Nist has over 30 years of experience as a registered professional engineer working in civil, municipal and structural engineering design, construction inspection and contract administration. His civil design experience includes land development design, municipal water and sewer long range utility capital improvements planning and design, stormwater management design, traffic generation reports, construction inspection and contract administration. Brice's construction, inspection and contract administration experience include previous employment as an assistant public works director and as a public works director overseeing roadway, stormwater and utility system maintenance and capital improvements constructed by both in house personnel and equipment and by outside construction contractors.



CIVIL TEAM



NEILL O'CONNELL, P.E.



JONATHAN NASH, P.E.



ANSLEY WILLIAMS, B.S.C.E. CIVIL PROJECT ENGINEER



BRICE NIST, P.E.
SENIOR FIELD ENGINEER



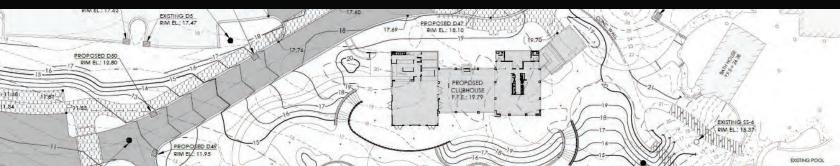
BRENT LOWELL, E.I.T.
CIVIL PROJECT ENGINEER



MELODY MCPHERSON



DON PRITT
ENGINEERING DESIGN TECHNICIAN



CIVIL ENGINEERING PROJECTS



O'Connell & Associates' Civil Engineering design team works with each client to develop conceptual and detailed residential, commercial, and municipal designs. Projects may include planning, permitting and development of site grading and drainage, roadway design, small and large-scale stormwater retention, pumping station design, potable water wells, storage and distribution systems, wastewater collection and treatment systems, reuse water handling and disposal. During the design our team will coordinate closely with planning and regulatory authorities to establish a well-defined roadmap to help lead the project team through complex review and approval processes.

OUR CIVIL ENGINEERING SERVICES INCLUDE:

- CAD Drafting
- Construction Administration
- · Flood Zone Certification
- · Forensic Analysis
- · Grading and Drainage
- Production Water Wells
- Potable Water Treatment

- Permitting
- Traffic Studies
- Utility Relocation
- Pumping Systems
- Retaining Walls
- · Specification Writing
- Wastewater Treatment

- · Residential and Commercial Development
- Potable Water Storage and Distribution Systems
- Reuse Water Distribution/Disposal
- · Road and Bridge Design and Analysis
- Wastewater Collection Systems
- · Stormwater Design and Analysis

Some of our civil engineering projects include Regional Utilities' Wolfe Creek Reclaimed Water Spray Field and Residuals Management Facility, the US Hwy 331 Bridge Twin Pipeline, the WaterSound Beach Club expansion, the Camp Creek Golf Course Resort, St. Joe Sportsman's Club, WaterColor Crossings commercial development and numerous other commercial and single/multifamily residential development projects.



STRUCTURAL TEAM



NEILL O'CONNELL, P.E.

PRESIDENT / PRINCIPAL ENGINEER



DENIS BELEVITIN, P.E., S.E.

LEAD STRUCTURAL ENGINEER



JOSH BARKER, M.S.C.E., P.E.

STRUCTURAL PROJECT MANAGER



BJ BRYANT, B.S.C.E.

CONSTRUCTION MANAGER / INSPECTOR



MELODY MCPHERSON

OPERATIONS MANAGER



STRUCTURAL PROJECTS



O'Connell & Associates' Structural Engineering design team works with each client to develop conceptual and detailed residential, commercial and municipal designs, custom tailored to meet their needs. We employ state of the art engineering computer software capable of performing three-dimensional and finite element analysis when necessary. We also use engineering computer software to aid in the design of concrete slabs, foundations, walls, floors, roofs, bridges, steel, aluminum, and wood frames, stair towers, mechanical platforms, retaining walls and other miscellaneous structural connections.

OUR STRUCTURAL ENGINEERING SERVICES INCLUDE:

- · 3D Modeling
- Aluminum Design
- · Building Code Analysis
- · CAD Drafting
- · Concrete Design
- · Specification Writing
- · Steel Design

- Retaining Walls
- · Masonry Design
- · Wood Design
- Forensic Analysis
- Inspection Reports
- Value Engineering
- Construction Management
- · Contract Administration
- · Parking Deck Design and Analysis
- Produce Structural Contract Documents for Building Permits
- · Residential, Commercial & Municipal Design
- Door & Window Wind Pressure Certification

Some of our structural engineering projects include above and below ground pump stations, tanks and access platforms, the commercial design of multi-story restaurants, apartments, condominiums and shopping centers, and numerous other single and multifamily residential design projects in Texas, Louisiana, Mississippi, Alabama, Florida, Georgia, Tennessee, South Carolina, North Carolina, Virginia, Maryland, Michigan, and Washington, D.C.



WATERPROOFING AND RESTORATION TEAM



BETSY SMITH, P.E.
VICE PRESIDENT / WATERPROOFING
AND RESTORATION



BRANDI RYLES-WALLER, CAM PROJECT MANAGER



JOSEPH COLEMAN
PROJECT MANAGER



LANDON GUNTER
PROJECT MANAGER



KEVIN MCCARTHY, P.E.



CALEB ALEXANDER
PROJECT MANAGER



TYLER CARNELY
PROJECT MANAGER



MELODY MCPHERSON

OPERATIONS MANAGER

WATERPROOFING AND RESTORATION PROJECTS



O'Connell & Associates' Waterproofing and Restoration team works with residential and commercial property managers and directors to identify and address building leakage problems, locate and determine causes of structural and non-structural component failures, analyze and report on waterproofing systems and provide recommendations for remedial designs.

They also work to develop detailed specifications and scope of work for repairs, solicit and tabulate competitive bids from qualified general contractors. The waterproofing and restoration team also works with our clients to provide construction management services during restoration projects to ensure a properly completed project and to continuously communicate with our clients. From start to finish our dedicated team will work with you to ensure your project is completed to your highest expectations.

OUR WATERPROOFING AND RESTORATION ENGINEERING SERVICES INCLUDE:

- Building Envelope Condition Surveys
- Turnover Inspections and Reports
- Construction Management
- Balcony and Railing Inspections and Certifications
- · Leak Detection and Infrared Inspections
- Wind Mitigation Inspections
- Continuing Engineering Service (3 year partnership program)

- · Legal Support
- · Forensic Analysis
- Damage Assessments

· Reserve Studies

- Development of Construction Documents for Restoration
 - CAD drawings
- Painting and Waterproofing
- Concrete Repairs
- Scope and Specification Writing
- Cladding Repairs
- Window and Door Replacement



NOTABLE RESTORATION PROJECTS



O'Connell & Associates' Notable Restoration Projects: Structural and building envelope restoration of the Emerald Towers West Condominium, building envelope restoration at the Tides at Tops'l Condominium, building envelope and structural restoration at the Emerald Isle Club, railing, cladding and waterproofing restoration at Island Echos Condominium, and sealant and waterproofing restoration at Elation at Baytowne Wharf and Bahia at Baytowne Wharf Condominiums.

From forensic investigations and exterior building inspections to construction document development and construction management, our Waterproofing and Restoration team can help you find solutions to your building's problems and work with you to correct them.





By hiring **O'Connell & Associates**, you will be choosing a team of experienced, registered professional engineers – with experience in a wide variety of materials, design techniques and civil, and structural systems. We will select the most efficient design and adapt it to meet your project's specific requirements. Our practical, deadline-oriented professionals strive to effectively communicate project goals and work diligently to meet submission deadlines, which in turn helps minimize delays associated with permitting and construction. We take pride in our projects and our clients. We strive to provide a personalized, yet professional service to our clientele that is of the utmost satisfaction no matter how big or small the project.























www.oconnellengineers.com (850) 403-4555 engineer@oconnellengineers.com

OFFICE HOURS OF OPERATION

8:00 AM - 5:00 PM

Monday - Friday

ADDRESSES

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THE COMMONS AT CRYSTAL BEACH

4635 Gulfstarr Dr | Unit 120 Destin, FL 32541