



Beyond Engineering

South Florida Structural Engineering Consulting Firm



NV5 is a structural engineering consulting firm doing business in South Florida and the Islands for well over 28 years. In that time, our firm has pursued bold and innovative ideas on some of the most prestigious projects on Florida's coast. From stunning beachfront high-rise restoration to small private residences and innovative, unique facades, we are equipped to handle the full spectrum of engineering services.

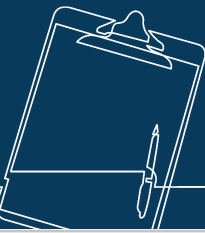


Our engineers and inspectors are skilled in developing effective methods of designing, protecting, repairing, and preserving concrete structures in our harsh ocean environment.

We also specialize in specialty glass design and glazing. At every step in a project from initiation to conclusion, our expert engineering staff endeavors to determine the best solutions to the unique challenges inherent in every project. Cost, schedules, aesthetics, efficiency, and sustainability are given careful consideration aimed at achieving our client's expectations.

We look forward to making your project a reality!





SOUTH FLORIDA STRUCTURAL ENGINEERING



SERVICES

COMMERCIAL STRUCTURES

From large structures such as a Flagship Ford Motors Dealership to local Parks and Recreation structures, we are able to engineer the structure and optimize the material use and structural systems.

COMMUNITY PROJECTS

We are a proud supporter of Boys and Girls Club of Fort Lauderdale, Calvary Chapel of Fort Lauderdale, Dismas Charities Inc., Gilda's Club South Florida, Habitat for Humanity, Naval Air Station Fort Lauderdale Museum, Ronald McDonald House Charities, Veterans Multi-Service Center, and 4KIDS, Inc.

CONCRETE REPAIR & RESTORATION

Bromley-Cook Engineering, an NV5 company, has decades of experience in preparing concrete repair specifications and guiding concrete restoration projects. We start by performing a full survey of the building condition and identifying the areas that need repairs. From the survey we develop repair specifications and plans to properly repair damaged areas, always looking towards incorporating sustainable and long-term solutions to each structure. We assist you in obtaining bids from reputable contractors and provide inspection services during the project to ensure conformance to the specifications and limiting costs.

CUSTOM HOMES

We provide innovative solutions to custom homes and structures, from ultra large structures to simple and efficient Habitat for Humanity homes. We select structural systems and methods which provide reduced costs, construction efficiency, and sustainability.

EXPERT WITNESS

With an abundance of experience, we are exceptionally equipped to provide qualified professionals as expert witnesses in legal proceedings. Our highly educated experts employ a wealth of knowledge on structural engineering practices and related construction techniques and products.

FAÇADES

We have provided façade design for the most demanding of applications, working with clients throughout Europe and the USA to create long-lasting, hurricane resistant façades in South Florida. Stone, aluminum, composite panels, ultra-high-performance concrete, and custom extrusions are all in our wheelhouse.

GLASS & GLAZING

We have been involved in glass and glazing design and development before Hurricane Andrew, which changed the landscape of South Florida. Since then, we have designed and engineered many hurricane impact systems, developed fenestration systems, guided the testing process, obtained product approvals, and engineered the final installation process for many successful projects throughout Florida and the Islands.

HURRICANE HARDENING

We have been in the lead of engineering survivable structures which are intended to remain fully serviceable after a major hurricane. We have also engineered the hurricane hardening of structures; upgrading existing structures to withstand storm events.

POOL DECKS & WATERPROOFING

Whether you need to upgrade your pool coatings, waterproof your decks, install energy efficient pumps and systems, or beautify your landscape, we are ready to guide you through the design process from start to finish.

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