



The Falcon Group

ENGINEERS, ARCHITECTS AND ENERGY CONSULTANTS



Dental Clinic Facility Design

PROJECT LOCATION
Miami, FL

BUILDING TYPE
Dental Care Facility

PROJECT VALUE
\$650,000

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This client approached the firm with the intention to build a small dental office on an infill lot in Miami. The property was zoned for residential use and required re-zoning for office use. Additionally, there were environmental concerns as the property needed to be served via an on-site septic system, which occupies a large area of the site. The solution required the balancing of required landscaped areas, the required parking for the site and the client's wishes to maximize the area for the spaces.

The design of this Dental Care Facility includes 5 treatment rooms, a laboratory, digital x-ray facilities as well as a waiting area, break room and office spaces. The doctor wanted a design that would be functional and contemporary.

All construction components are designed to lower the energy usage and interior finishes are low VOC compliant. All exterior doors and windows are impact resistant for 176 mph winds. The roof is insulated to R-30 and the exterior walls to R-6 for lower energy usage. All the systems for the dental equipment are in the walls and partitions for a clean, uncluttered presentation and are adaptable for future systems.

The client wanted a modern, inviting office which would serve the current needs and allow for expansion of future services. The team's solution included lots of north facing glass for natural lighting, a central corridor for ease of client use, and a simple exterior with modern architectural features to enhance the client experience.

