

✨ DOBBS FERRY BUSINESS PROFILE ✨



INTEGRAL ENGINEERING SERVICES, PLLC

27 Main Street

914-274-8874

Sirus Miandoabi, P.E.

Founder/President

Mission: Structural - Civil - Safety Engineering Solutions Serving Projects Big and Small.

Bricks and mortar and wood and steel – and the mathematical skills required to fuse them into solid, sound structures – are the stuff of Sirus Miandoabi's workday. As the founder and CEO of Integral Engineering on lower Main Street, he transforms the soaring (or smaller) visions of architects, builders, and homeowners into the precise technical calculations and drawings essential to a structure's demolition and construction. "That can involve everything from designing the means and methods for commercial demolitions to designing single family & multi-family homes, high rise site safety protocols, and hazard analysis," he adds.

It's a mission he comes by naturally. Both his parents are building industry professionals and Sirus, 35, literally grew up on construction sites. "My past experience was with big, big toys, like cranes and rigging and demolition equipment and now, my focus is on the engineering needed for construction," says Miandoabi.

Projects and problem solving

Today, Integral Engineering handles a variety of large, small, and mid-sized projects. His current list includes both home renovations and the top-level problem-solving required for large residential and commercial projects. The roster is evenly divided between residential and major commercial or multi-family undertakings. His specialty in creating and optimizing a building's envelope and waterproofing was mastered over years spent on various construction projects.

"We provide the 'how' for buildings by working from the design with an architect or contractor to calculate the optimal math and physics required, and we often step in throughout the building process to quickly and efficiently solve the problems come up along the way," says Miandoabi.

Integral Engineering (IES) participated in two major multi-family developments at or nearing completion in Dobbs Ferry, a rental building on 191 Ashford Avenue, and a condominium project underway on 156 Palisade Street near Cedar. The company can accommodate professional engineering certifications in New York, Connecticut & New Jersey. IES is registered with the New York City Building Department as a Special Inspection Agency for low-rise projects and for assignments requiring a Site Safety Management professional. The company partners with relevant authorities to ensure complete compliance with local, state & federal building codes.

Business and Engineering background

Miandoabi always knew he'd pursue a career in the building industry, hopefully by establishing his own company. Anticipating those big-picture tasks, he initially pursued a business degree at SUNY Albany and switched to CUNY City College for civil engineering training. He later completed a Manhattan College graduate degree in structural engineering. During and following his education, he mastered a variety of tasks, from devising all the calculations and logistics for installation components and cladding at Manhattan high-rises, to managing original construction throughout the Tri-State Area, and to updating private dwellings. His skills were sharpened at the new Moynihan Train Hall, Hudson Yards, Metropolitan Museum of Art, and Mt Sinai & NYP hospitals. By the time he opened his own firm, he had spent tens of thousands of hours honing his expertise and growing a wide network of fellow professionals.

Staking a claim in the building industry continues a family tradition. Mother Roya Salmassian runs Royal Construction Services from the same Dobbs Ferry storefront as her son. And his father, Ebrahim Miandoabi, is a Structural Engineer for a sister company with offices in Mamaroneck. A deep respect for hard work runs through the entire family.

"Raising us as first-generation American children, my parents were prime examples of the classic hard-working immigrant story," Miandoabi says.

As the solo employee of Integral, he spends long hours on a multitude of assignments, but his natural fascination keeps things fresh. "No two days the same," says Miandoabi. And on the rare occasions when he loses patience with his boss (himself) and his staffers (himself), he still considers the company "the fulfillment – or the start - of a dream," Miandoabi smiles.

