

Richard J. Milelli
13 Bamboo Terrace
Key West, FL 3340

Principal in Charge: Northstar Engineering
Partner/Inspector: All Aspects Inspection Services

Mr. Milelli is a professional engineer who is a partner and inspector with All Aspects Inspections Services and the Principal Engineer for Northstar Engineering LLC in Key West, Florida. He has a wide range of civil engineering, commercial and residential renovation, residential and commercial construction, structural engineering, military base projects. His experience includes the design of subdivisions and developments in Key West and the Lower Keys; military base projects including Boca Chica NAS, MacDill Air Force Base, Homestead Air Force Base, Panama City Naval Facility, Meridian Naval Facility, and Mayport Naval Facility; commercial projects including multiuse projects; designing docks (single and multifamily) and seawalls; spalling repairs, retaining walls; and foundations; residential construction including concrete block, wood and metal frame.

Mr. Milelli also has experience with building inspections including military project, residential construction and commercial construction. Mr. Milelli is familiar with HVAC, electrical, mechanical, plumbing, framing, roofing, fire stopping, fire sprinkler and foundation inspections.

Mr. Milelli also has experience with permitting and construction coordination with Federal, State and Local agencies such as The City of Key West, Monroe County, City of Marathon, SFWMD, ACOE, FCAA, Florida Keys Coop. Keys Energy Services, FDEP, AT&T, FDOT, NOAA, and NMFWS.

Mr. Milelli is the founding partner of Northstar Engineering, which was started in November 2020. Prior to Northstar Engineering he was the Principle Engineer for Meridian Engineering.

1993-1998

Prior to coming to Key West in October 2001, Mr. Milelli spent 5 years working in the environmental engineering field in Northern California

2001-2004

Mr. Milelli work for Perez Engineering and Development on civil engineering project.

2004-2011

Mr. Milelli worked for Historic Tours of America on residential developments including planning, permitting, design and construction.

2011-2020

Mr. Milelli was the Principle Engineer for Meridian Engineering. Mr. Milelli managed a team of draftsmen and engineers and completed residential, government and commercial projects.

2015-Present

Mr. Milelli is managing partner with All Aspects Inspection Services. Mr. Milelli oversaw the inspections in Monroe County. From 2020 to present Mr. Milelli has been performing inspections in the field on residential and commercial projects.

2020-Present

Mr. Milelli is the Principle Engineer for Northstar Engineering LLC. He oversees the design of residential, commercial and government projects.

Education

Bachelor of Science, Environmental Engineering and Sciences, University of Florida, 1992

Professional Registration

Professional Engineer, Florida and California

Representative Projects

Multiuse Building : March 2021

5650 Laurel, Stock Island

Meridian Engineering designed and inspected a two story multiuse building with (2) residential on the second floor and 2500 sf commercial on the first. Design including UL listed fire assemblies.

Multiuse Building: 2018

24326 Overseas Highway, Summerland Key

Designed multiuse building with (4) residential units on the second floor and 3000 sf commercial on the first. Design including UL listed fire assemblies.

Multi-family Buildings – Wreckers Cay

Development: 2021-2022

6125 Second Street, Stock Island

Perform inspections for 280 unit multifamily development and clubhouse including fire stopping and UL listed fire assemblies. The multifamily units are three stories over parking and have a sprinkler system.

Multifamily Building: October 2020

5671 Macdonald Ave, Stock Island

Designed multifamily building with (2) residential units on the second floor and (2) units on the ground floor. Design including UL listed fire assemblies.

Multiuse Building: 2015

5582 First Avenue, Stock Island

Meridian Engineering designed a multiuse building with (4) residential on the second floor and 4000 sf commercial on the first. Design including UL listed fire assemblies.

NAS Key West Experience: 2002-2022

Approximately 20 years of working on projects at NAS Key West. Projects including replacing fire station doors, Chaff facility near hangers, communication towers, new warehouse, special forces classroom, JIATF SCIF facility, modular SCIF facility, Paving projects, office construction Bldg A143, communication conduit project, and Truman Fire Station renovation.

Commercial Building: 2013

2505 North Roosevelt Blvd, Key West

Meridian Engineering designed renovations for a multiuse commercial building involving sprinkler systems and UL listed fire assemblies.

Multifamily Projects, Key West:

Designing numerous projects involving UL Rated Assemblies for Duplex and Multifamily Structures including the Islander Village Development, Habitat for Humanity in Cudjoe Key, Tortuga West Development, Park Village Development, and Sunset Marina Development.

Residential and Commercial Inspections: 2021-2022

Perform numerous inspections of residential and commercial structures involving UL Fire Rate Assemblies for City of Key West and All Aspects including penetrations and fire walls.

