



AMAN MIAMI Miami, FL



Trinity Consultants is a leading global consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Within our Built Environment Division, we bring together renowned firms—Cerami, Longman Lindsey, Valcoustics, Jaffe Holden, and WorkingBuildings—under one banner. From cultural landmarks to mission-critical facilities, we deliver innovative solutions in acoustics, technology, commissioning, and operational support, driven by excellence and human-centered design.

Blurring the lines between residential and office.

At Trinity Consultants, we recognize that in residential developments — from high-rise towers to small multi-unit projects — acoustical engineering, technology design, commissioning, and sustainability are critical to creating spaces that residents can truly call home. Our designs ensure that comfort, privacy, and adaptability remain at the forefront of every project.

Acoustic Comfort and Noise Control

Acoustic separation, both horizontally and vertically, is essential to resident satisfaction. We design to minimize noise and vibration transfer between units while controlling sound from building systems such as mechanical, electrical, elevator, and plumbing infrastructure. Just as important is the mitigation of noise from external sources like highways, subways, railways, and air traffic. By addressing these challenges, we create living environments that feel quiet, private, and restorative.

Technology-Enabled Living

As residential amenities evolve, integrated technology has become a defining factor in attracting and retaining tenants. Our designs deliver resilient, future-ready AV/IT infrastructure that brings corporate and hospitality-level capabilities into residential settings. With more than 70% of residents preferring hybrid work models, demand has grown for enhanced privacy, better room acoustics, and flexible amenity spaces that seamlessly support both professional and personal activities. We deliver robust, intuitive, and adaptable technology solutions that enhance daily life while adding long-term value to the property.

Sustainability and Wellness

Sustainability is now a core expectation in residential living. We incorporate environmentally responsible strategies into every project, helping developments meet LEED® and WELL standards while enhancing resident wellness. Our designs support energy efficiency through advanced controls, occupancy-based systems, and the integration of sustainable materials. By aligning acoustical, technological, and mechanical priorities with sustainability goals, we create spaces that are both high-performing and environmentally responsible.

Trinity Consultants helps residential projects deliver quiet, connected, and sustainable living environments. By integrating acoustics, technology, and sustainability, we set a new standard for modern residences that support comfort, privacy, productivity, and long-term well-being.



Aman Miami Beach

MIAMI BEACH, FL | 444,000 SQFT

Our firm was selected to provide acoustical consulting for Aman Miami Beach, elevating the experience for both guests and residents. Designed by Kengo Kuma, the development features 56 luxury guest suites and an exclusive 22-unit residential tower, where wraparound terraces and floor-to-ceiling windows frame sweeping views of the Atlantic Ocean. Through our acoustic solutions, we helped bring the Aman brand's signature lifestyle to an urban setting—delivering privacy, comfort, and an enhanced sense of place.



300 M Street, NE

WASHINGTON, DC | 400,000 SQFT

300 M Street is a 400-unit, 400,000-square-foot luxury residential building featuring high-end amenities such as a rooftop garden, pool, club room, fitness center, 12,000 square feet of groundfloor retail, and underground parking. Acoustical criteria were established to ensure residential comfort, with targeted noise and vibration control for HVAC systems, elevators, and rooftop equipment. Specialized floor and slab isolation details enhanced sound privacy, especially for top-floor units near the rooftop pool and dog park. Extensive environmental studies also informed façade and window design to reduce external noise transmission.



The Galleria Plaza Redevelopment, Block 5

TORONTO, ONTARIO

The project consists of the redevelopment of the Galleria Shopping Centre at the southwest corner of Dupont Street and Dufferin Street into a mixed-use development. Block 5 of the development will include two towers at 26-storeys and 21-storeys consisting of condominium and affordable housing units, with a shared podium and five levels of underground parking. In addition, there will be 25,000 ft² of retail and 7,000 ft² of office on the ground and podium levels. Valcoustics is providing a full range of acoustical consulting services as part of the design team, including sound isolation between spaces, mechanical noise and vibration control, environmental (exterior) noise control, and preparation of a Noise Impact Statement and a Railway Noise Analysis to support the Site Plan Approval application.



Mandarin Oriental New York

NEW YORK, NY | 200,000 SQFT

Our team provided expert acoustic consulting services for the Mandarin Oriental Residences in downtown New York City, ensuring a quiet, luxurious living experience throughout the 200,000-squarefoot development. The project involved renovating a 20-story structure and constructing five new floors, all while maintaining acoustic integrity across mixed-use spaces. Our solutions supported the seamless integration of premium amenities—including a rooftop pool and a fifth-floor gym, weight room, and spa—by minimizing noise transfer and enhancing overall comfort for residents.