

JEFFREY S. JONES, P.E.

Associate



Summary

Jeffrey Jones joined Thornton Tomasetti in 2014 and since 2016 has resided in Florida. He currently serves as the lead Mechanical, Electrical, and Plumbing (MEP) professional for TT offices within the state. His primary responsibilities include the investigation and renewal of existing buildings, performing due diligence and condition assessments, and assisting with property loss consulting and litigation support projects. Jeffrey has investigated numerous construction projects in litigation, and has acted as an expert witness providing sworn testimony in depositions.

Areas of Technical Expertise

- Mechanical Engineering
- Emergency Response

Education

- B.S., 2013, Mechanical Engineering, Iowa State University of Science and Technology

Registrations

- Licensed Professional Engineer in FL

Professional Activities

- Member, American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE), 2019

Select Project Experience

Mechanical Engineering

812 Park Avenue HVAC Remediation, New York, NY.

Investigation of HVAC system including proposing solutions and alternatives to existing system, as well as overseeing the implementation of remedial measures.

Marriott Hotel, Heat Pump Investigation, New York, NY.

Investigation into the premature failure of heat pump units.

One Thousand Ocean Remediation, Boca Raton, FL.

Building-wide forensic, design and construction administration MEP engineering services for a 7-story luxury condominium to remediate existing deficiencies identified during litigation. Scope included HVAC modeling, analysis, design and installations of new MEP equipment on the roof and throughout the building in order to alleviate issues with high temperatures and humidity and stormwater system backups.

150 Alhambra, Coral Gables, FL. Storm drainage plumbing renovation design for plaza.

Norman Cay Bahamas, Nassau, BHS. MEP Engineering for a 2,428-square-foot, one-bedroom cottage.

Plaza at Bal Harbour Restoration Review, Bal Harbour, FL.

Performed an MEP peer review of new pool deck drainage design. The review included on-site inspection of construction performed and providing best-practice recommendations for new plumbing installations.

Point of Americas Phase I Condominium, Fort Lauderdale, FL.

Investigation of high temperature and humidities in common areas, which led to the development of a new design for installation of new rooftop-mounted DOAS units.

440 West Condominium, Clearwater Beach, FL.

Investigation of existing dewatering systems at below-grade parking levels and development of remediation strategies to mitigate water intrusion.

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Emergency Response

Confidential Project, Dubai, UAE. Damage assessment of HVAC, plumbing, and fire protection equipment in high-rise hotel after a major fire event.

Sworn Testimony

Deposition, 3315 Tower Condo. Ass'n, Inc. v. Tower 3315, LLC., et al. regarding HVAC systems, hot water recirculation, storm drainage, and fire sprinkler systems in Miami Beach, FL. December 16, 2021.

Deposition, BRE v. Pavarini Constr. Co., Inc, et al. regarding design and construction of built-up spa/hot tubs installed on private terraces at 1000 Ocean Condominium in Boca Raton, FL. April 22, 2022.

Litigation

Natural Gas Explosion, Plantation, FL. Investigation of gas leak and resultant explosion at an unoccupied restaurant.

1515 Sunset, Coral Gables, FL. Investigation and evaluation of new condenser water piping system experiencing premature corrosion.

Edgewater Constr. v. Edison Terrace, Miami, FL. Litigation support services regarding partial renovation of mechanical equipment.

Two Plaza City Condominium Litigation Support, West Palm Beach, FL. Investigation and evaluation of sanitary/waste water drainage system with multiple backup events.

Peribere v. Dimond Dev., Inc., Strang Design, LLC., et al. regarding HVAC systems serving a single-family home at 1378 S Venetian Way, Miami Beach, FL.

Alternative Dispute Resolution

Dispute between Condominium Association and Developer, FL. Represented Association at mediation regarding MEP Systems for residential condominium in West Palm Beach.

CONTACT

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