

Altieri

BRUCE MUSEUM

ARCHITECT

Eskew Dumez Ripple

LOCATION

Greenwich, Connecticut

SIZE

42,000 SF expansion, 32,500 SF renovation

COMPLETED

2023



AWARDS

2024 Green Good Design Sustainability Award

The Bruce Museum, a community-based, world-class institution highlighting art, science, and natural history, was constructed in the 1850s as a private residence before undergoing numerous expansions and renovations. The latest renovation of the Bruce Museum included a 42,000 square-foot addition that more than doubled the size of the original museum. It provides space for state-of-the-art permanent and changing exhibition galleries, more collection storage, a new public entrance lobby, and new education and community spaces, including a café and lecture hall. The project included updating the storage areas for Bruce's growing collection of 25,000 works of art, natural history specimens, scientific objects and artifacts, and a new study room to welcome visiting researchers exploring the collections. The new addition opens directly onto Bruce Park and features a delicate striated façade of cast stone and glass.

Altieri has provided MEPF systems design work consisting of a new mechanical plant with a new 165-ton chiller, 13 new air handlers and associated humidifiers, and 4 new boilers. A new 3000 amp electric service has been engineered which back-feeds the existing building, a 1200 amp electric service, a new panel board distribution throughout the new addition, a new 450 kW generator and associated transfer switches which serve both life-safety and stand-by loads, and a new lighting and control system. Sprinklers have been extended throughout the new addition, and a new standpipe riser was provided for the fire department's use. There has also been an upgrade in gas service and new plumbing piping distribution for multiple toilet stalls assigned for gender-neutral use.