

Client: Needham Public Schools

Newman Elementary School

Classroom Expansion



Triumph Modular installed a relocatable modular school building at the Newman Elementary School in Needham, MA, enabling students to continue learning on-site in an optimal environment during the school's renovation. This modular solution uniquely offered flexibility, style, and green features.

The project involved a sizable installation of 35,620 sq ft, completed in 60 days. The modular school complex comprises three separate buildings, and the 38 modules include 30 classrooms, administration offices, and three multi-stall restrooms. Each of the three buildings has ten classrooms, and the buildings are connected via a ramped corridor.

The surfaces, materials, and colors used in the space are designed to provide vibrancy, fun, and creative inspiration while promoting health, sustainability, functionality, and hygienic ease of maintenance. The modular complex features uplighting with illusion ceiling tiles, large aluminum framed 3' x 6' windows, including 6' round diameter windows to take advantage of natural light, oak doors, shelves, and coat hooks throughout the rooms. The buildings also feature roof-mounted, high-efficiency Energence™ HVAC systems by Lennox with energy recovery ventilators and UV light technology which kills allergens. Floor, wall, and ceiling systems are designed to limit sound transfer between rooms and dampen sound reverberation. Aluminum ramps were installed in sections for more effortless mobility to the following location, and the HardiePanel® siding and aluminum extrusions provide a modern façade.

Project Details

Location
Needham, MA

Square Feet
35,620

Modular Units
38

Modular Factory
C & B Custom Modular