



BelovED Community Charter School

Jersey City, NJ

The Project

The BelovED Community Charter School was using three modular buildings as extra classrooms, but the number of students quickly outgrew the space. The school board decided to replace the individual modular buildings with a large, two-story building that was roughly four times the size that they were currently using. The new school was to be constructed from modular, prefabricated buildings, but arranged in such a way to be a permanent structure. Aries Building Systems was selected as the modular building supplier, and we were selected as the ADA ramp and ADA stair tower manufacturer.

Our Solution

The available space was limited, so our internal engineering team designed a switchback stair tower using industrial, 5"x5" square tube support columns. The stair tower was required to reach both the first floor and second floor with respective elevations of 7' and 19' – 4½". An ADA-compliant wheelchair ramp was also required in order to provide an accessible route out of the building in case of an emergency. The ground was sloping upwards as the ramp approached the ground, so at a 1:12 ADA slope, the ramp was 60' long. View our [ADA ramps](#) and [ADA stairs](#) for complete specifications.