

Progress Overview

Proposal 2: Launch a Design Competition for Raised Homes

Implemented

Designing Recovery Competition, The American Institute of Architects

Summary

New York City has 71,000 buildings located in the new 100-year flood zone. New buildings in these areas will have to build above the flood line, and other homeowners may decide to voluntarily raise their homes. This will impact the city's architecture, streetscapes, and accessibility. The American Institute of Architects (AIA) has concluded *Designing Recovery*, a competition created to aid in the rebuilding of sustainable and resilient communities.

Competition Details

Winners Announced: October 3, 2013

The American Institute of Architects (AIA), in partnership with [Make It Right](#), [St. Bernard Project](#), [Architecture for Humanity](#) and [Dow Building Solutions](#), designed the competition to help survivors of recent natural disasters in three distinct settings – New York City, New Orleans and Joplin, MO. *Sustainable.TO Architecture + Building*, a Toronto-based organization, was awarded the winning entry for New York. The [Resilient House](#) protects against storm surges with a flood-proof foundation built above the floodplain. A 30% reduction in annual energy consumption is projected with the incorporation of design elements such as daylighting, a tightly sealed and highly insulated building enclosure, and a high efficiency ventilation system. Built from structural insulated panels, the house features passive design components that allow habitability during a power outage. Using traditional construction methods and equipment, the design is claimed to have less than \$50,000 in material cost.

Other design competitions, including [Rebuild by Design](#) and [FAR ROC](#), focused on large-scale solutions to the vulnerabilities exposed by Superstorm Sandy. These community-level strategies, together with individual building designs, will help to achieve a more resilient New York City.

Implementation Notes

The proposal recommends the creation of new designs, but does not include any new requirements, so no implementation is mandated.