

New York Report

July, 2023

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1. The Richard Gilder for Science, Education and Innovation Center

Project Overview

Situated on Manhattan's Upper West Side, the American Museum of Natural History is a renowned destination cherished by both locals and tourists. Recently, the museum unveiled a new addition known as the Richard Gilder Center for Science and Innovation. Designed by the esteemed architectural firm Studio Gang, the founder Jeanne Gang and her team drew inspiration from the majestic canyon formations of the American Southwest. The six-story atrium, which once comprised ten separate buildings over a century old, underwent a remarkable transformation. To seamlessly connect these structures, a technique involving the direct application of structural concrete onto a custom-bent rebar foundation was employed, resulting in a visually stunning and spatially expansive design. As visitors step through the entrance, they are immediately enveloped in a magnificent and awe-inspiring world of science.

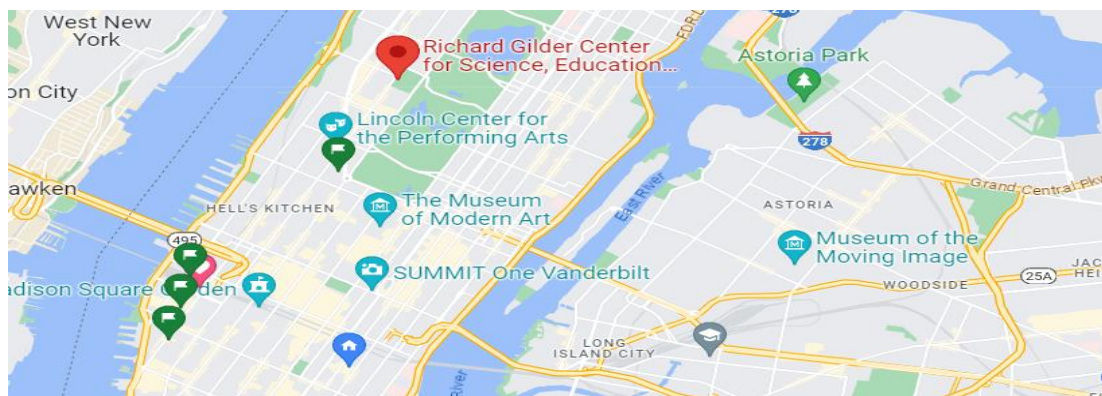
Spanning across 18,000 square meters, the interior of the building features a soaring atrium that captivates guests upon arrival. Organic circular windows and winding corridors extend in unpredictable directions, seemingly following the laws of nature and bestowing upon visitors the sensation of traversing a natural cave. The \$465 million project encompasses a 465-square-meter insectarium, a captivating butterfly exhibit, an immersive theater named Invisible Worlds, as well as a library and education center.

Prior to the renovation, the 150-year-old museum building presented a complex and labyrinthine structure plagued by structural issues that could have compromised its viability as an exhibition venue. This project has been widely acclaimed as a solution to these challenges and is hailed as a captivating new attraction for the museum.

Project Details

1. The Richard Gilder for Science, Education and Innovation Center
2. Museum
3. Open Date: May,2023
3. Location: 415 Columbus Ave, New York, NY 10024
4. Target Customer: All
6. Website: <https://www.amnh.org/exhibitions/permanent/gilder-center>

Location Map





Facade focusing on organic curves



Stadium seats are located in the atrium near the entrance.



The entire cave-like design can be seen when looking up.



Learning Center



Crossing corridors extending in all directions and skylights for natural lighting



Library with large windows overlooking the greenery of the adjacent park



Irregular and asymmetrical space design



Insect specimens displayed all over the wall



A special exhibition that delves into the bees



Museum Shop



Restaurant with interior design based on honeycomb motif