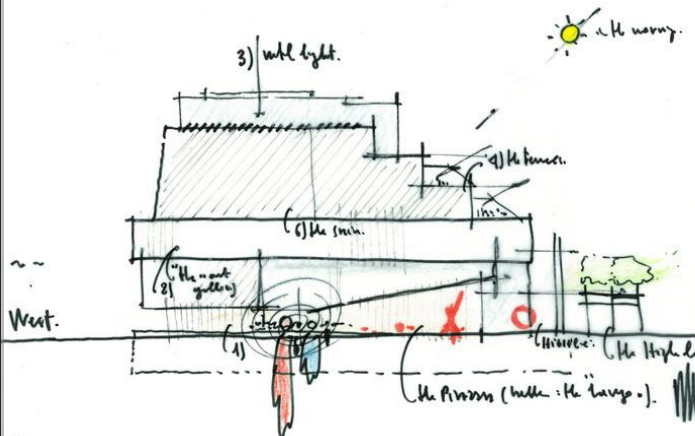


THE METRO MUSEUM OF AMERICAN ART

MAJOR CITY, USA



Project Overview

Function	Museum
Project Cost	\$266 Million
Total Stories	9
Size (GSF)	222,952
Construction Dates	10.13.11 - 11.28.14
Project Delivery Method	Design-Bid-Build

Project Team

Owner	Metro Museum
Design Architect	Renzo Piano Building Workshop
Architect of Record	Cooper Robertson & Partners
Construction Manager	Turner Construction Company
MEP Engineer	Jaros, Baum, & Bolles
Structural Engineer	Robert Silman Associates

Architecture

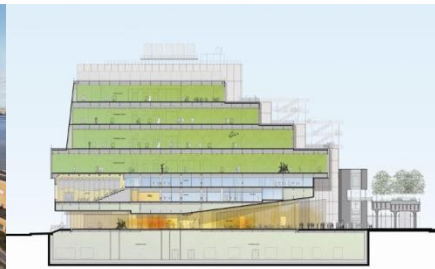
- 50,000 square feet of interior gallery space and 13,000 square feet of outdoor gallery space.
- Large cantilevered entrance invites the public into the space and gives them a space to gather.
- The abandoned highline runs along the east side of the building and has been turned into a park / pedestrian walkway.
- The east side of the building is stepped away from the street & highline providing terraces and excellent views of the city.

Mechanical System

- The gallery and office spaces will be served by an all-air, variable air volume conditioning system. This system will consist of a total of four air conditioning units.
- The chilled water originates from three electrically driven centrifugal refrigeration machines that are sized at 300 tons-refrigeration each.
- Five condensing three million BTU hot water boilers provide the heat for the building.

Structural System

- The structural system for the MMAA consists of a concrete slab on composite metal deck that bears on structural steel framing.
- The structural system uses multiple concentrically braced frames to resist the horizontal forces on the building.



All images are courtesy of Renzo Piano Building Workshop.