

POLITECNICO DI MILANO
Architecture design and history
Master Degree in Architecture

The museum design based on scuderie of palazzo ducale di mantova:
The dialogue between new regionalism and historical fragments

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Abstract

The status quo of the site is a self-growth courtyard and the original royal stable as a utility room. We may have the inherent impression of being abandoned because of the geographical location of the site, but in fact, every second of the past is a living history. Why don't we re-emphasize every corner of the historic building, especially for a building complex with a complex historical background like palazzo ducale, using modern architectural language to rejuvenate the site?

The goal of this design is to restore different layers of the historical memory of the stable area in the palazzo ducale castle complex, show respect towards history with modern architectural language, and at the same time confer functionality. Its nature is like that of a side-by-side corridor of Piazza Santa Barbara designed by Giovanni Battista Bertani.

This design is based on the ancient stable, functionally connecting on both sides of the buildings, at the same time allowing them to remain relatively independent, and strictly restoring the architectural functions in the history. It is functionally divided into a completely individual exhibition space and a bridge linking the castle with the rear part, as well as a café, which is connected to the exhibition space from the inside. Combining the Café with the gift shop, there is a staircase in the space where you can walk up to the rooftop to enjoy the view of the other side.

In order to restore the history of the barge terminal, I refer to the spatial structure of the pescherie of Mantova and the Castelvecchio museum. I found that the pescherie has a double-layered and perpendicular layout. The Castelvecchio was built around the famous statue in the place where the two buildings meet. A full range of carefully carved space.

In the design, I dug down 4 meters along the remains of the side of the previous document in the square near the castle courtyard, forming a sinking outdoor exhibition space, allowing it to be on the same level as the lake of Mantova while sinking. A shallow 10 cm ditch was dug into the edge of the space and the water in the Mantova Lake was introduced, restoring to some extent the history of the barge terminals that had existed in the past.