SWISS NATIONAL MUSEUM

Christ & Gantenbein / 2016



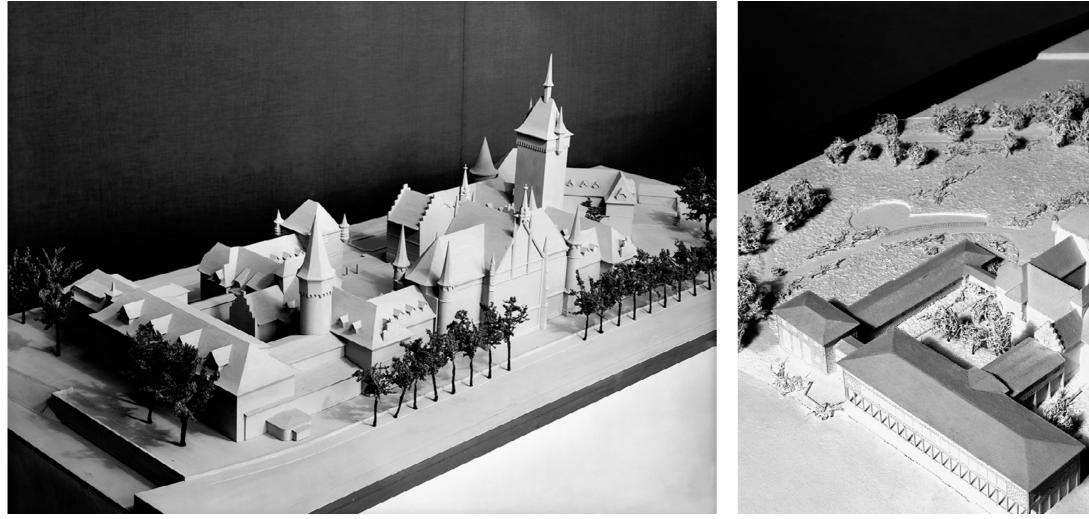
TUAN PHAN

BACKGROUND

THE ORIGINAL BUILDING 1898



Architect: Gustav Gull Style: late Gothic and Renaissance



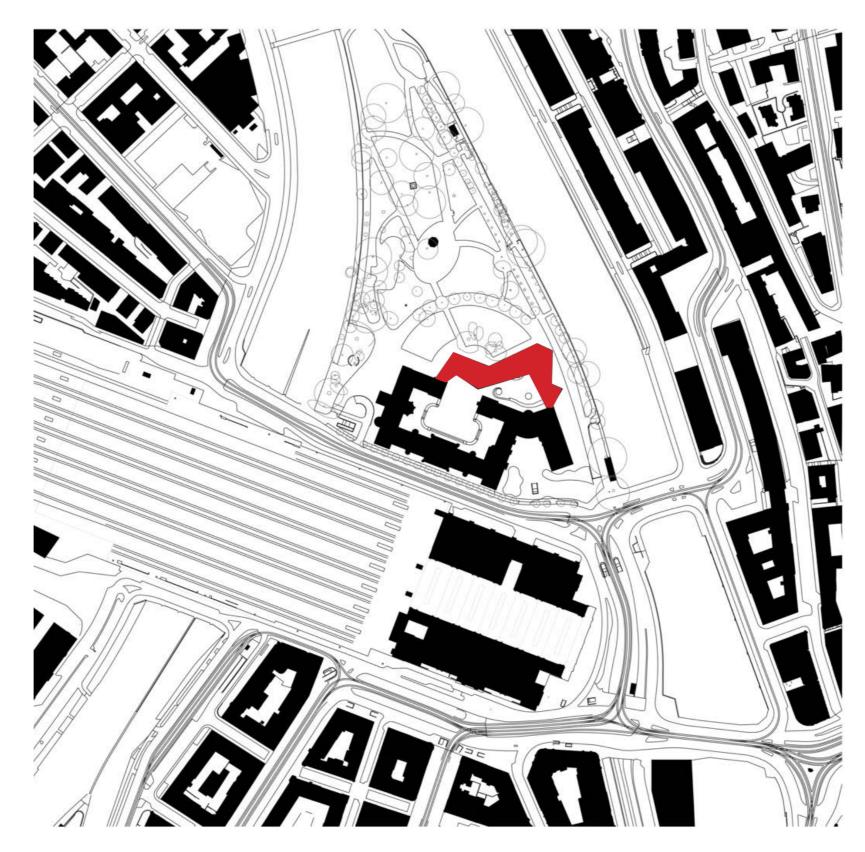
The architects' models of Hermann Herter of the enlargement on the Sihl side, 1941

The architects' models of Steiner in 1944 The formal language in Steiner's model is distinctly more modern

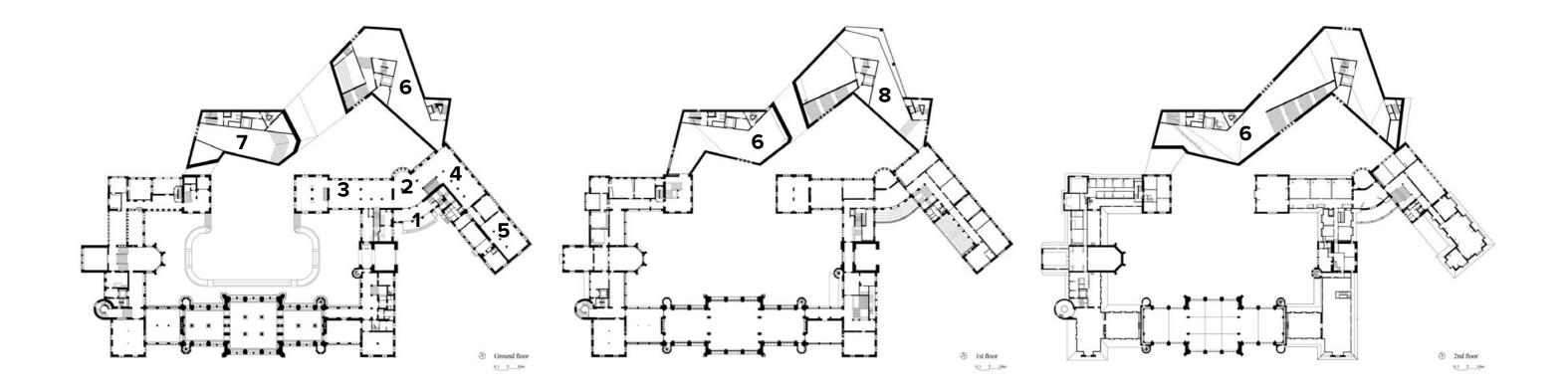




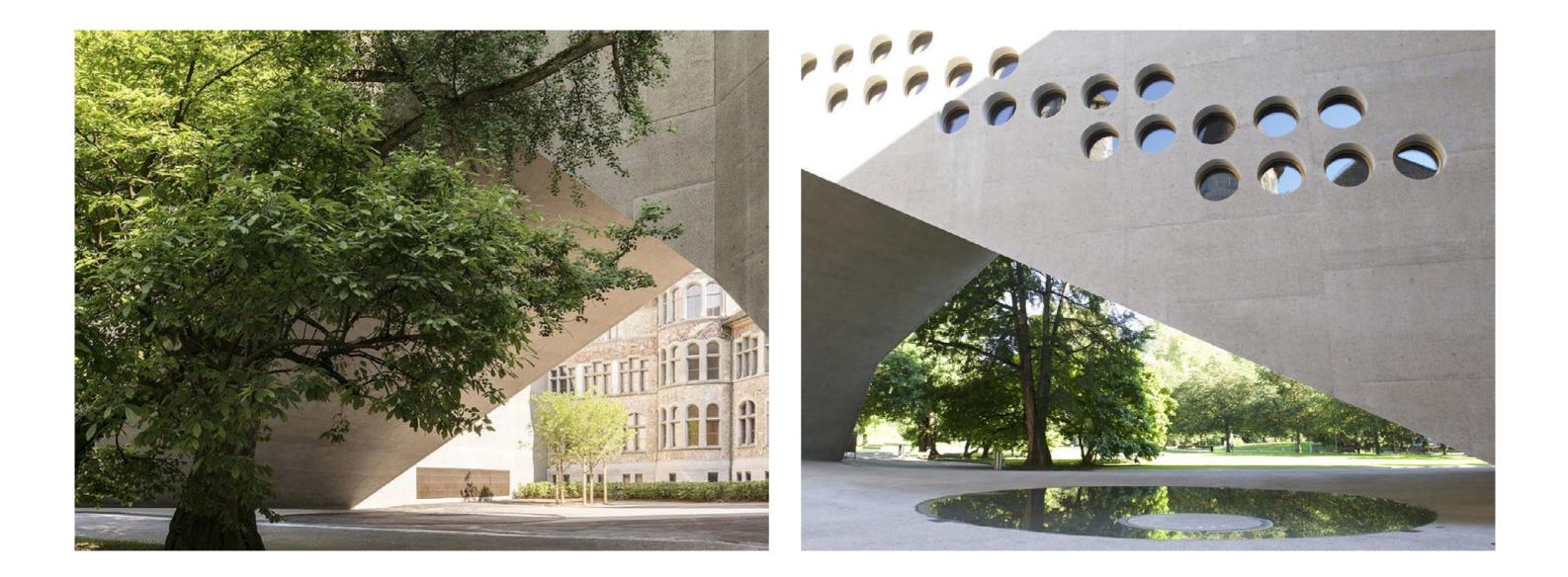


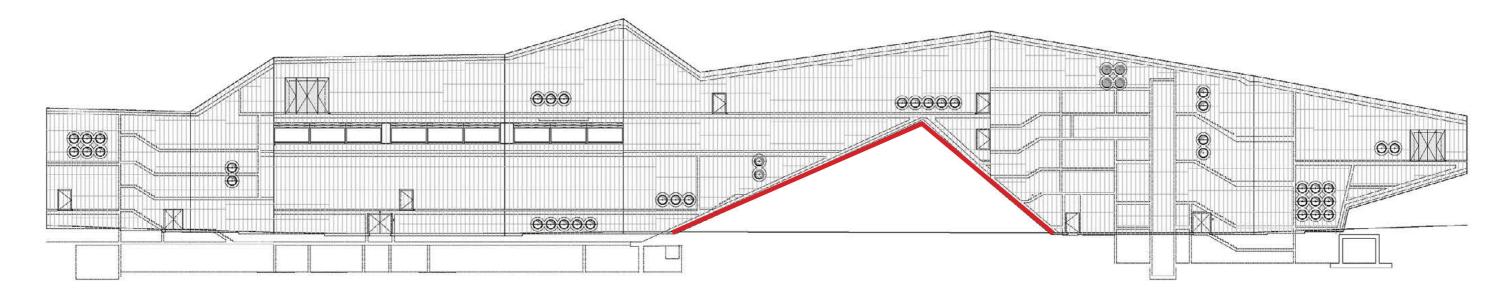


The existing U-shaped building is now connected by a bridge-like extension that proposes a unified path within the museum.

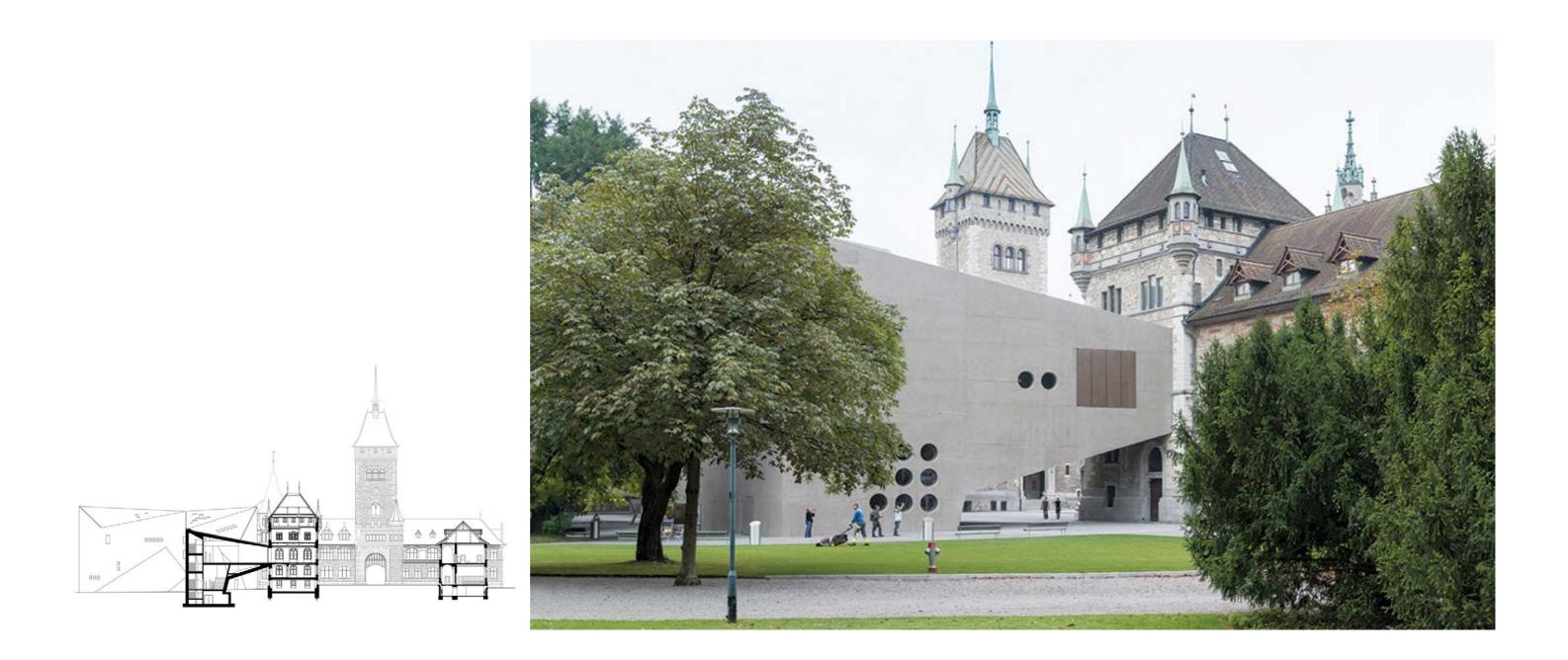


1. New entrance 2. Lobby 3.Shop 4.Bar 5.Restaurant 6.Gallery 7.Auditorium 8.Study Center

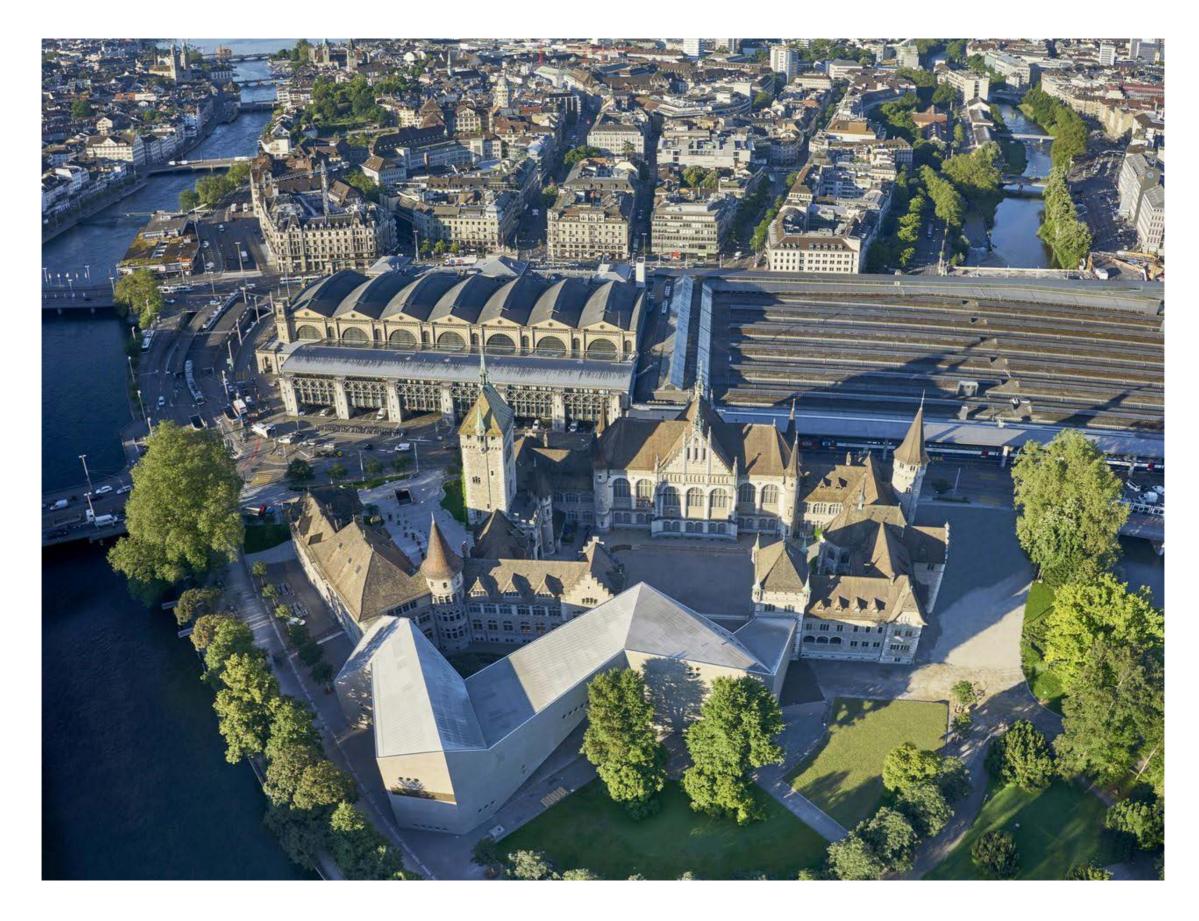




The massing spans across a wide space that connects the new inner courtyard with the park.

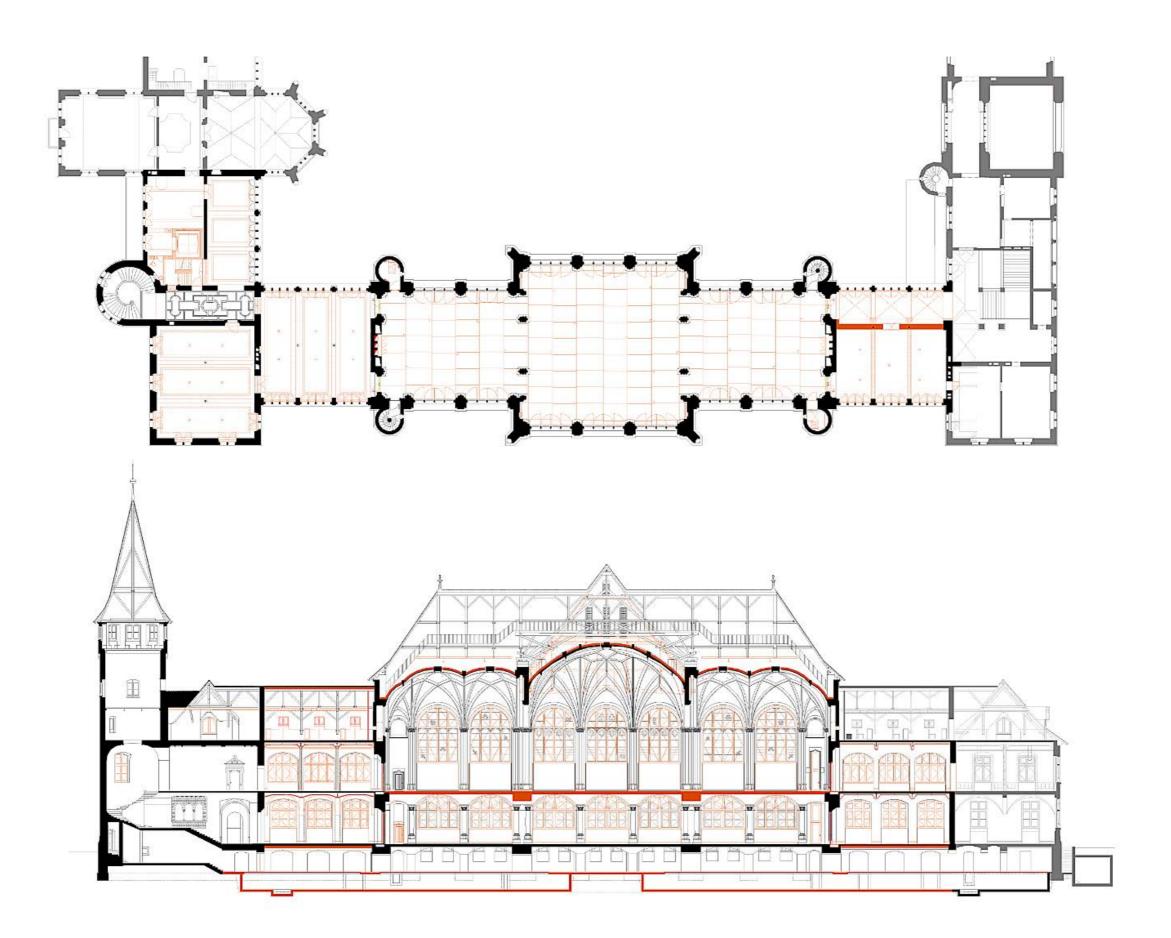


The addition connects to the old building at the second level, permitting pedestrian access between the museum's courtyard and nearby park

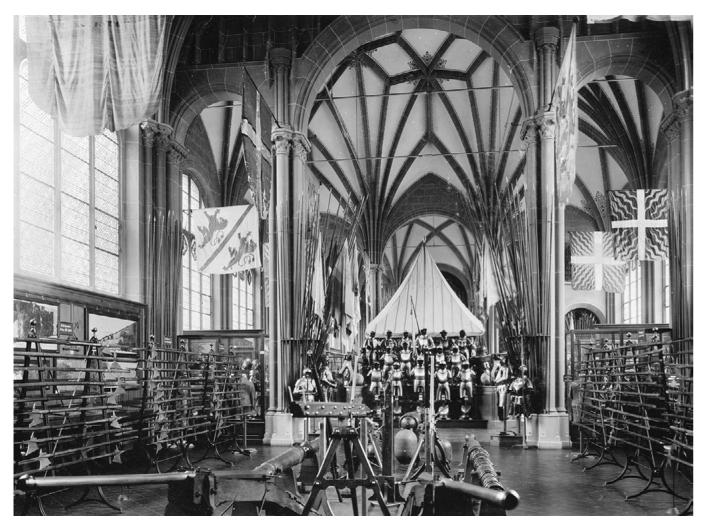


the origami roof of the new building - pitched roofs of the original.

THE RENOVATION "CREATIVE RECONSTRUCTION"



earthquake and fire-protection measures / load-bearing structure



1900s

returning the building to its original architectural quality and coherence.



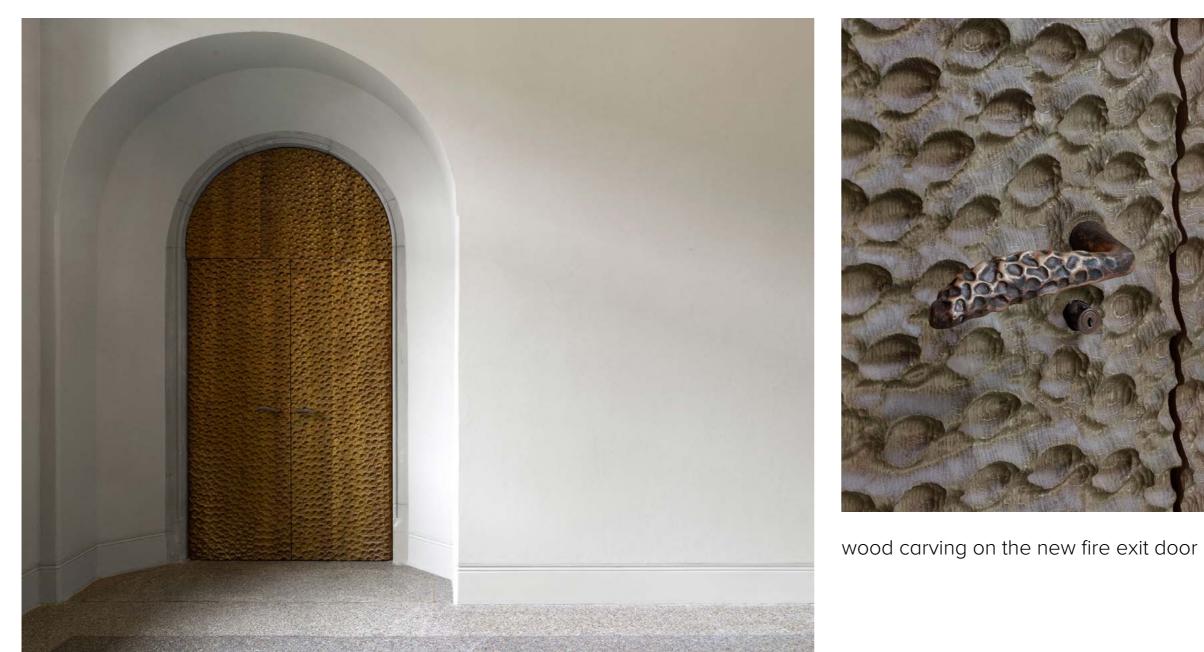


Original

newly-cast concrete vaulted ceilings

"CREATIVE RECONSTRUCTION"

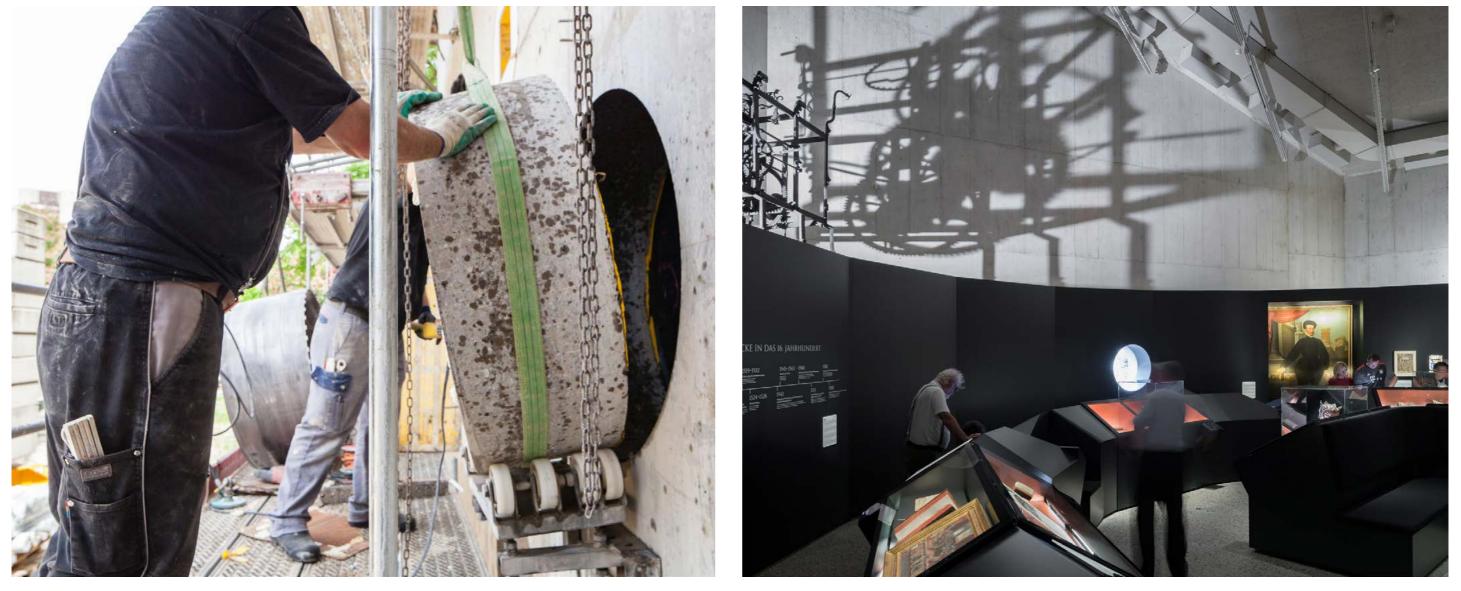




"CREATIVE RECONSTRUCTION"

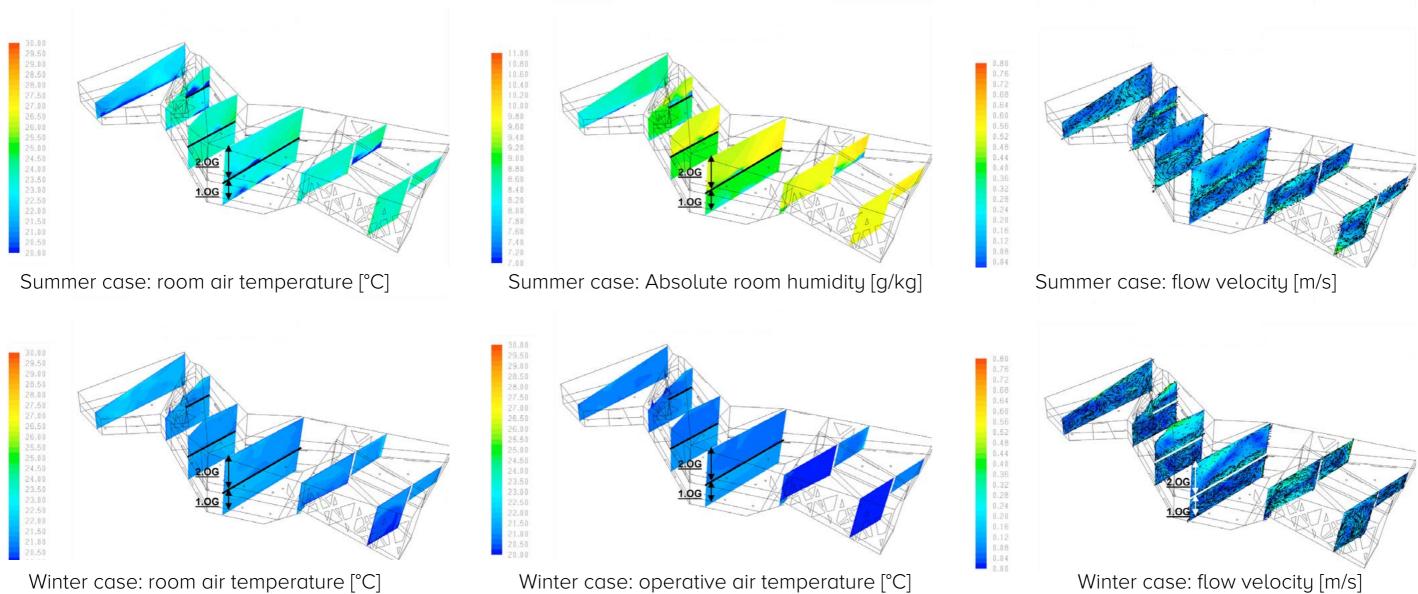


TECHNICAL&SUSTAINABLE SOLUTIONS



800 mm thick walls

almost no windows in the exhibition areas



TEMPERATURE, HUMIDITY, AIR FLOW

References

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