

PROTECTION AND REUSE OF HERITAGE
ARCHITECTURE

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01 Roccascalegna Castle Museum

HERITAGE ARCHITECTURE

Client Name : Italian Exhibition Group and Italian Government
Contact Name : YAC Ltd(Company which holds the competition)
Phone :
Email : yac@yac-ltd.com

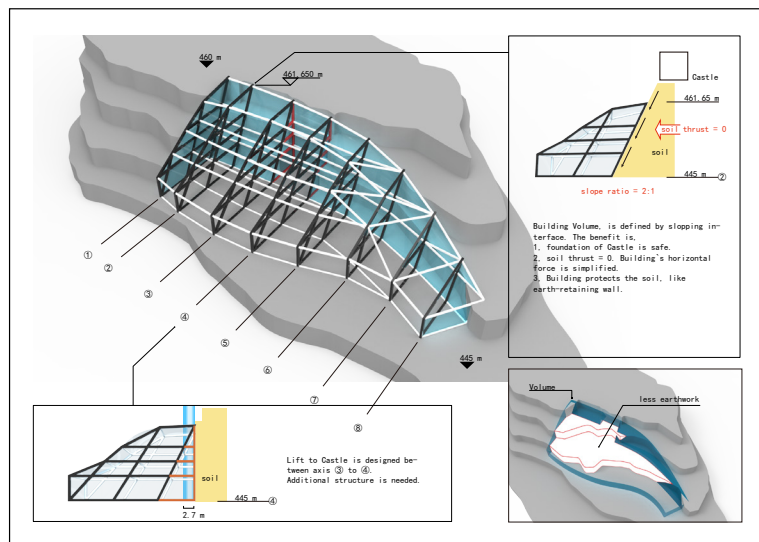
Project completion date: None completed

Anticipated and final duration of the project: 6 months anticipated

Anticipated and final budget: € 3.6 million anticipated

- Strategies:
- ① Medieval castle's structure must be protected.
 - ② Additional part must be a supporting role, while the castle plays the leading role.
 - ③ Additional part enhances function of the castle and aesthetics of the site.

Computer Visualisation



■ We use computer to optimized the shape and structure. The structure strengthens the stability of the castle as a retaining wall and needs the least earthwork. The shape is in harmony with the mountain and the castle.

02 Baghdad Design Center

HERITAGE ARCHITECTURE

Client Name : Baghdad Government
Contact Name : Ahmed Al-Mallak, Founding Director of Tamayouz Award
Phone :
Email : tamayouz.award@gmail.com

Project completion date: None completed

Anticipated and final duration of the project: 4 months anticipated

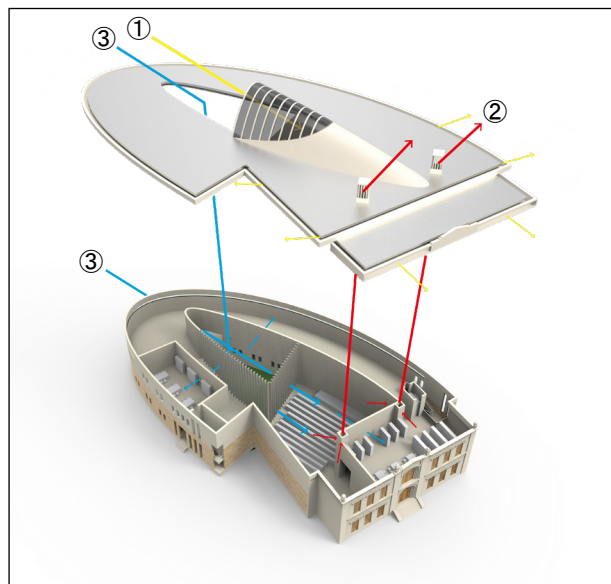
Anticipated and final budget: € 3.0 million anticipated

Strategies: ① The site is memorable. Old Baghdad Governorate Building which was located on the site was ruined during the war with only facade retained.
② The site is in sensitive contexts just a street across to Qishla.



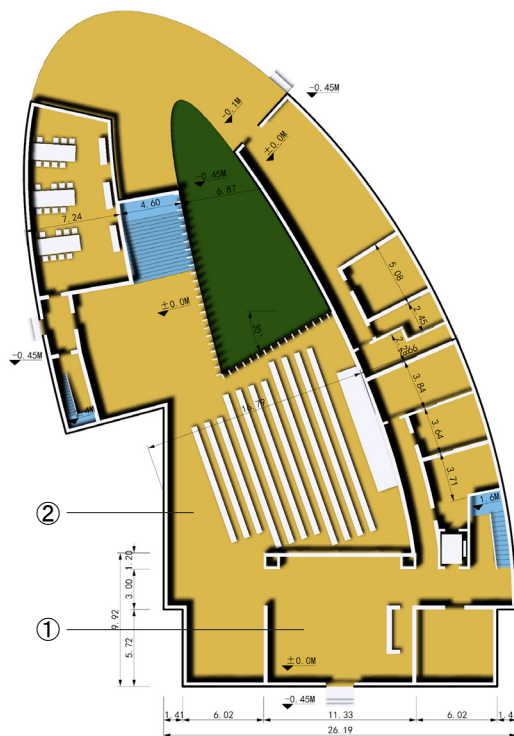
■ We design double-sides roof with a wind catcher and two wind towers to deal with the hot climate in baghdad. The wind catcher intensifies the airflow between the double sides of the roof. And the airflow drives the hot air move up out of inside the building through the wind tower. The wind catcher increases the air pressure of the courtyard. And the cool air in courtyard move into inside the building. The wind catch has polar glass roof which can adjust the sunlight in the courtyard to make it cool. And aluminum surface of the roof reflects the sunlight to make the building cool.

- ① Wind flows into the double-sides roof
- ② Hot air flows outside the building
- ③ Cool air flows into the building

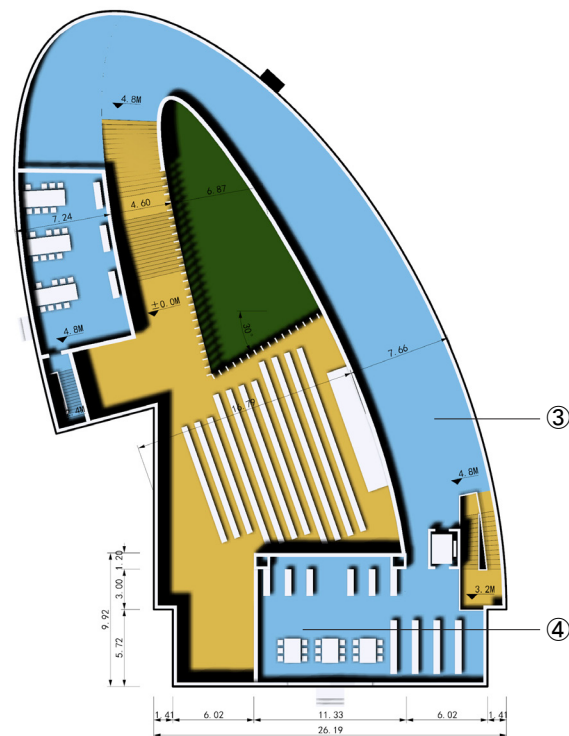




Photos of the remaining facade



First Floor Plan



Second Floor Plan

■ People walk through the remaining facade to the foyer of the Design Center. Then, people turn left to the multifunctional exhibition hall, which can hold lectures at important days. Then, people walk up stairs to the curve-shape gallery. Through the gallery, people walk into a library which is just on the second floor of the facade. People walk down stairs to the foyer again. This visit route is an endless circle, the heart of which is a green courtyard. The circle presents Peace and Revival of the country.

- ① Foyer
- ② Multifunctional Exhibition Hall
- ③ Gallery
- ④ Library