

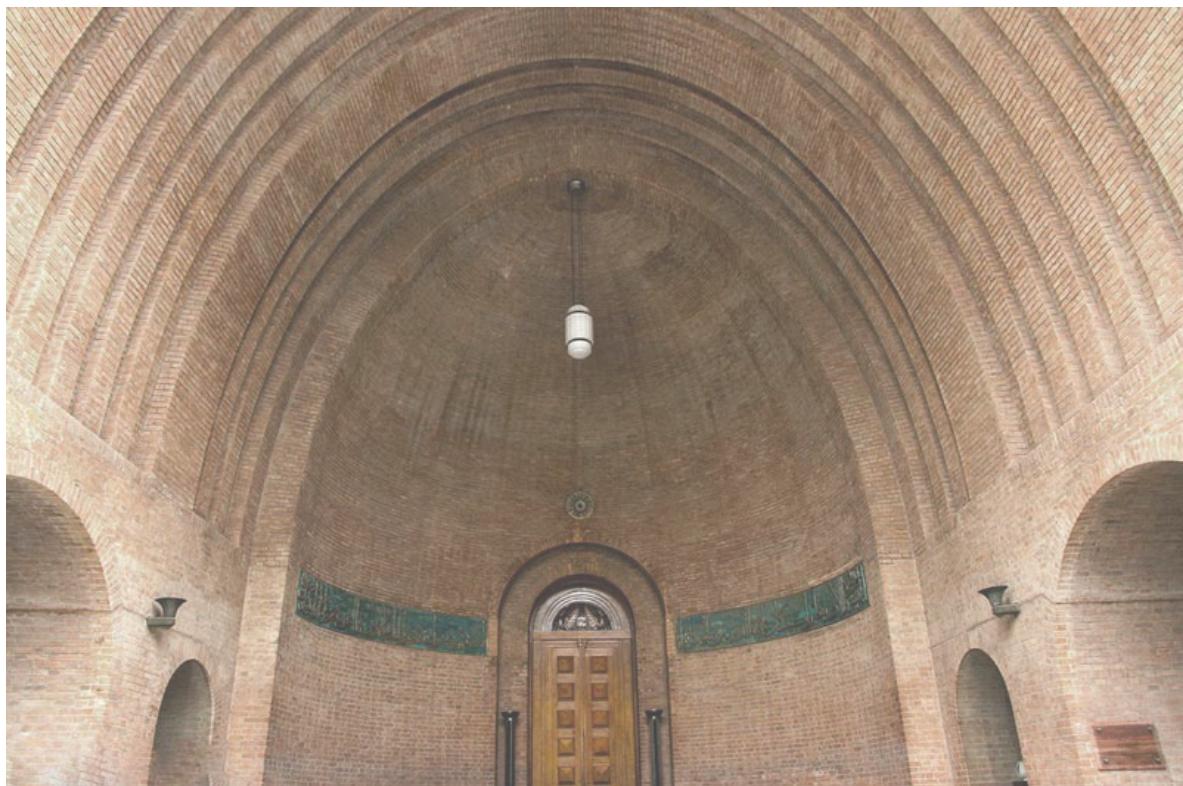
01

## Tehran Museum

The Extension Building of Iran-Bastan Museum in Tehran

IUST 2019, Master Thesis

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Tehran, Iran





## National Museum of Iran

National Museum of Iran is an institution formed of two complexes; the Museum of Ancient Iran (Iran-Bastan Museum) and the Museum of Islamic archeology and Art of Iran which were opened in 1937 and 1972, respectively.

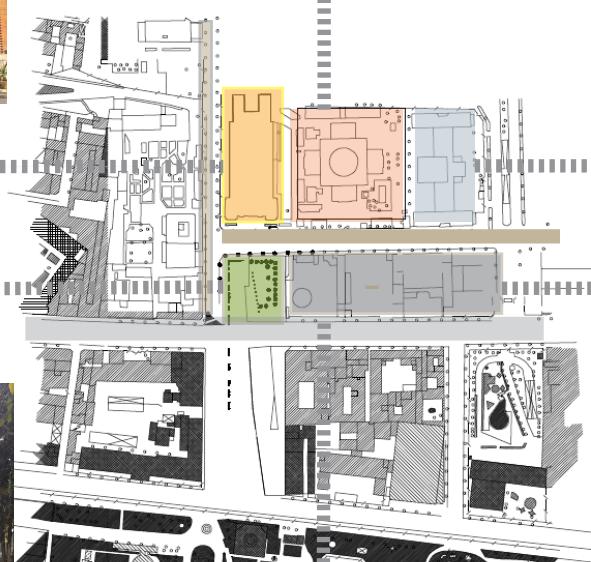
Iran-Bastan Museum is one of the most important ancient museums of Iran which is located in Tehran and contains historical monuments of Iran dating back through ancient times and medieval Iranian antiquities and narrates the history of Iran.

The brick building of Iran-Bastan Museum was designed by French architects Andre Godard and Maxime Siroux in the early 20th century and was influenced by sassanian vaults called Taq Kasra. The total area of this museum is about 11000 square meters and was officially inaugurated for the first time in 1937.

Iran-Bastan Museum consists of 2 floors which contain relics and artifacts from the lower, middle and upper Paleolithic and Neolithic, Bronz Age and Iron Age through Median, Parthian and Sassanian eras.

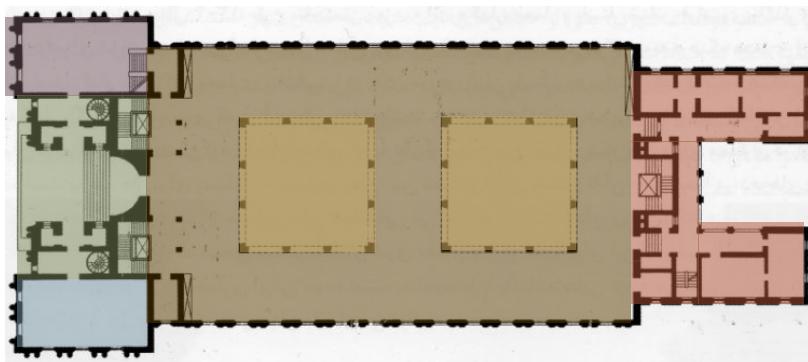


Site of the project in district 12, Tehran



- Iran-Bastan Museum
- National Garden
- Malek Library
- Moallem Park
- Yarjani Street
- 30 Tir Street

Plan and spatial configuration of this museum is so simple and movement circulation in this museum is exploratory which means visitors are free to choose various paths. Two courtyards separates the two parts of galleries.



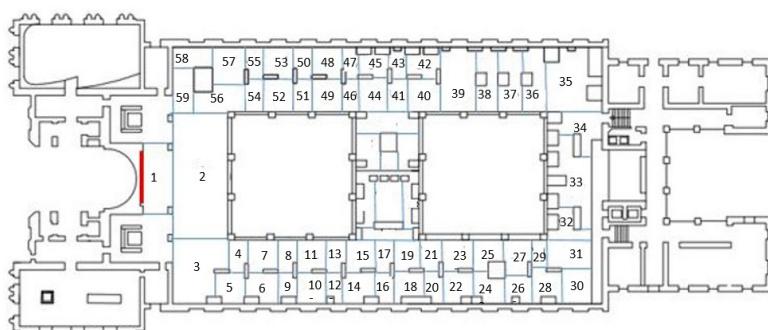
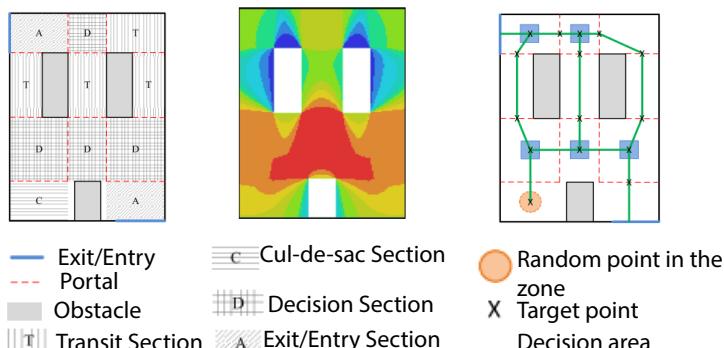
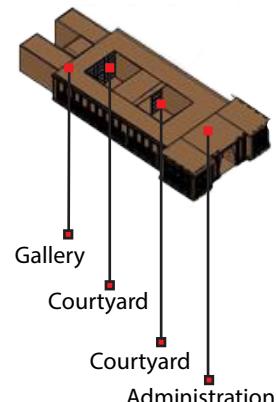
Floor Plan  
Gallery Level



In Iran-Bastan Museum, objects and collections are arranged in different rows and spaces are continual which creates long line sight. Circulation is linear in this museum.

### Legend

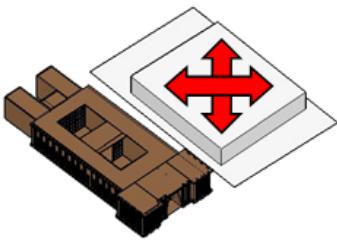
- Gallery
- Courtyard
- Administration
- Library
- Temporary Exhibition
- Entrance



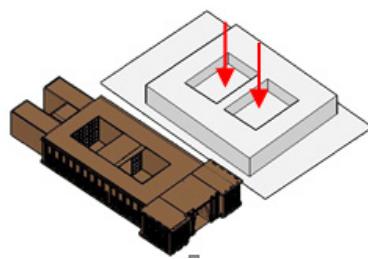
Most spaces in this museum are decision sections which means that visitors should decide on where to go constantly

The main approach for designing the extension building of Iran-Bastan Museum is facilitating wayfinding behavior of visitors. In order to design the extension building of this museum, I decided to analyse the plan layout by applying Space Syntax theory and Section & Portal graph to identify the potential drawbacks of the current plan in terms of navigation behavior and tackle these problems in the new design.

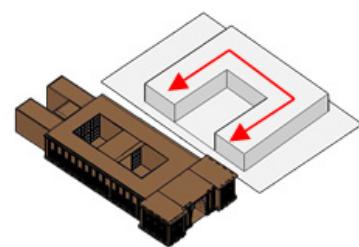
- Number of Cul-de-sac sections: 0
- Number of Transit sections: 10
- Number of Decision sections: 58
- Number of Exit/Entry sections: 1



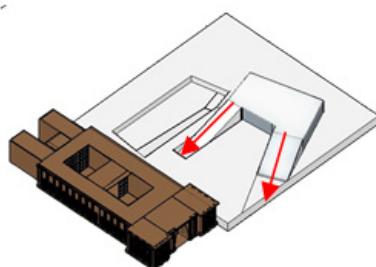
Main idea from a simple cube



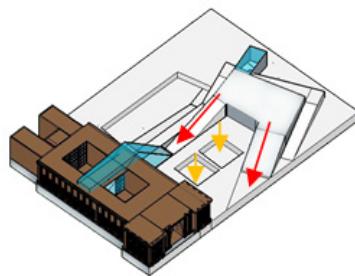
Idea from the courtyards of the Iran-Bastan Museum



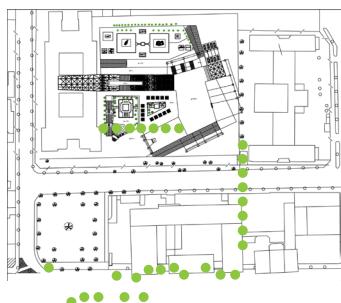
Constructing a central courtyard towards the Iran-Bastan Museum



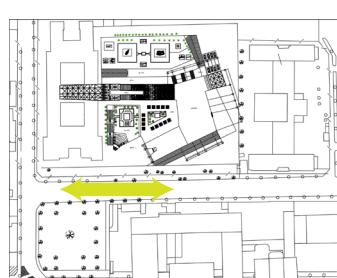
The new building is oriented towards the park to create an inviting sense



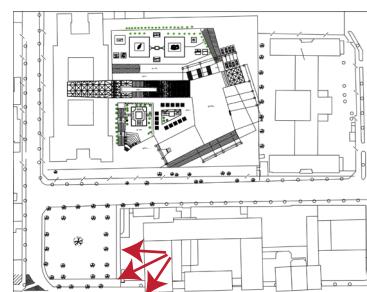
Connecting the new building to the Iran-Bastan Museum



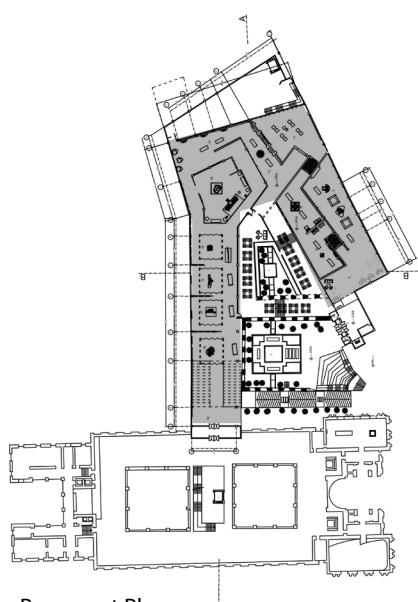
**Respecting Green Areas**  
The chosen site respects almost all the existing woodland



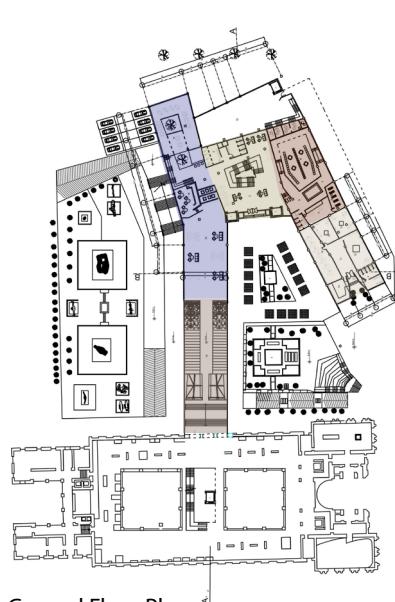
**Easy Connections**  
A direct simple connection between the new and the old building



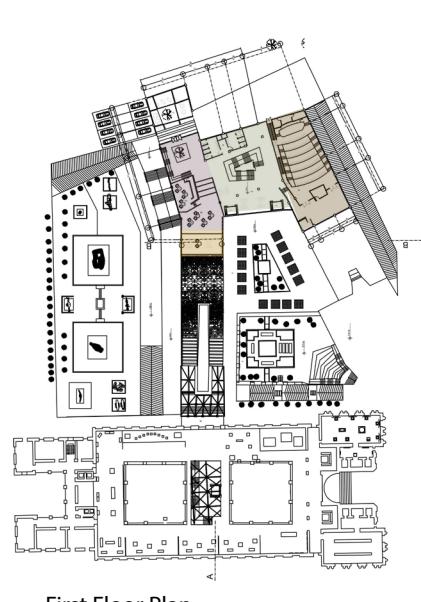
**Main Views**  
It will be possible to enjoy the views which the building offers towards the park and the old building



Basement Plan



Ground Floor Plan



First Floor Plan

Galleries

Connection bridge      Administration

Lobby      Cafe

Cafeteria

Library

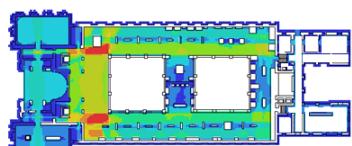
Amphitheater

Lobby

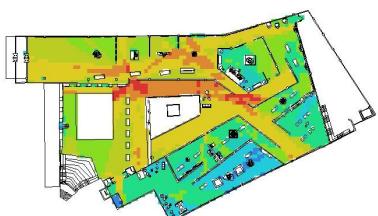
Terrace



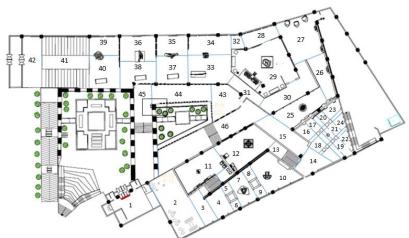
The Extension building of the Iran-Bastan Museum



Integration value in plan of the Iran-Bastan Museum is low in many sections



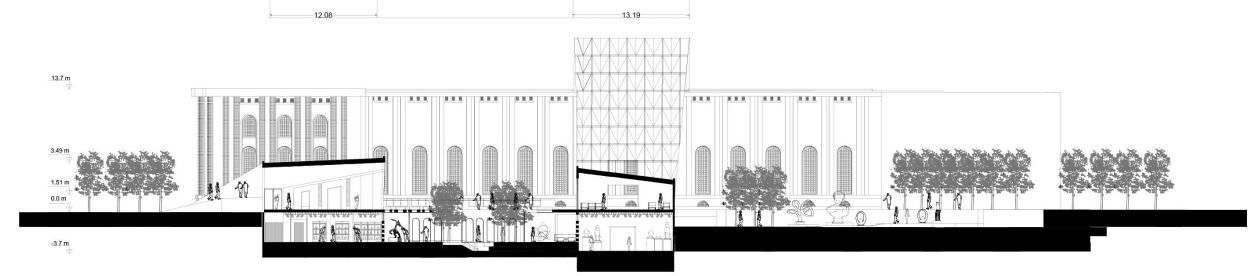
High value of integration in most spaces in the new building



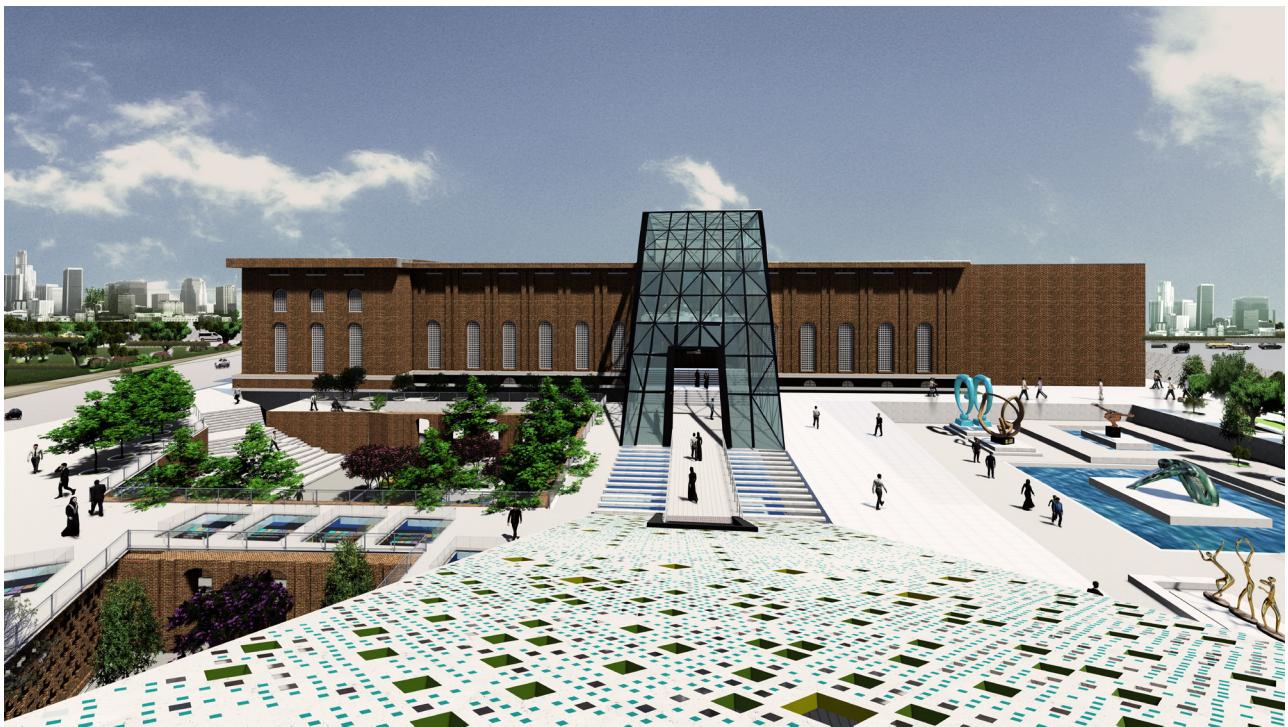
Section and portal graph in plan of the new building shows that most spaces are transit sections which can facilitate wayfinding



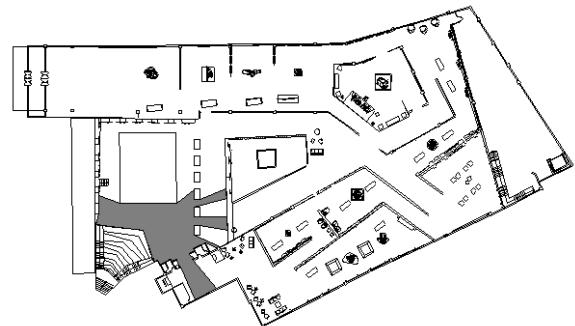
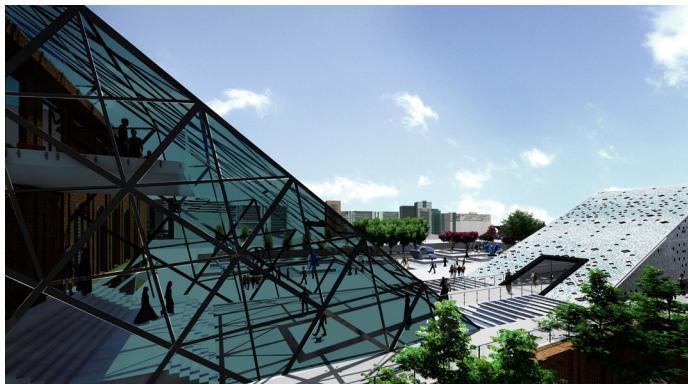
Gallery views in the new building



Section B-B



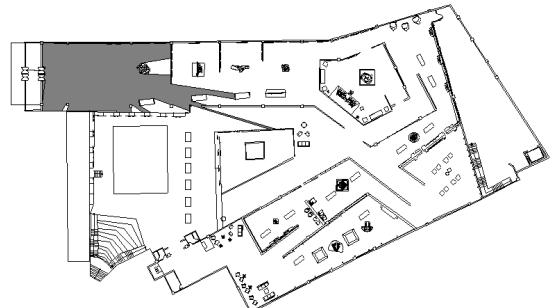
View from the new building to the Iran-Bastan Museum



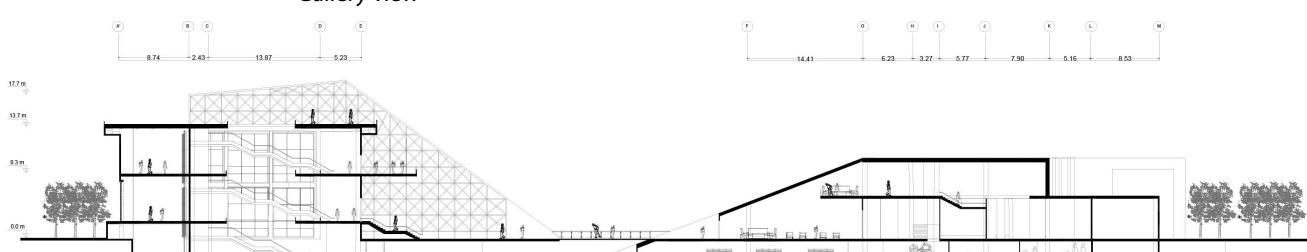
Isovist Map in the fierst stage of visiting the new building



Gallery view



Isovist map in the last stage of visiting the new building.  
Isovist area is high in most spaces in the new building  
which can increase visitors spatial cognition and can  
facilitate wayfinding



Section A-A