

# 2A

Architecture & Art

**Resurgent Urbanism: The Challenge to Middle Eastern Cities**



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Iran: RIAL 30000 / U.K. GBP 16 / EUR: EUR 18 / USA: USD 25 / Canada: CAD 30  
Cover: Agha Khan Twin Towers



## First Place winner in the Pasargad Headquarters Competition

### BNS Design co. [ Bahambar novin saz co. ]

**Architects:** Farnaz Bakhshi , Azin Soltani , Farshad Kazerooni

**Design Team:** Mahan Mehrvarz, Siavash Ghorbani, Niloufar Ghorbani, Golnaz Jamshidi, Setareh Sedghi, Anahita Aliasgari Shahab Towliat

**StructureEngineers:** Behrang Baniadam, Hooman Farokhi, Reza Salamian, Majid Sefidgaran

**Electrical Engineer:** Farshad Shakibi

**Mechanical Engineer:** Pedram Saemifard

**Special Thanks to** Shahab Mirzaeian



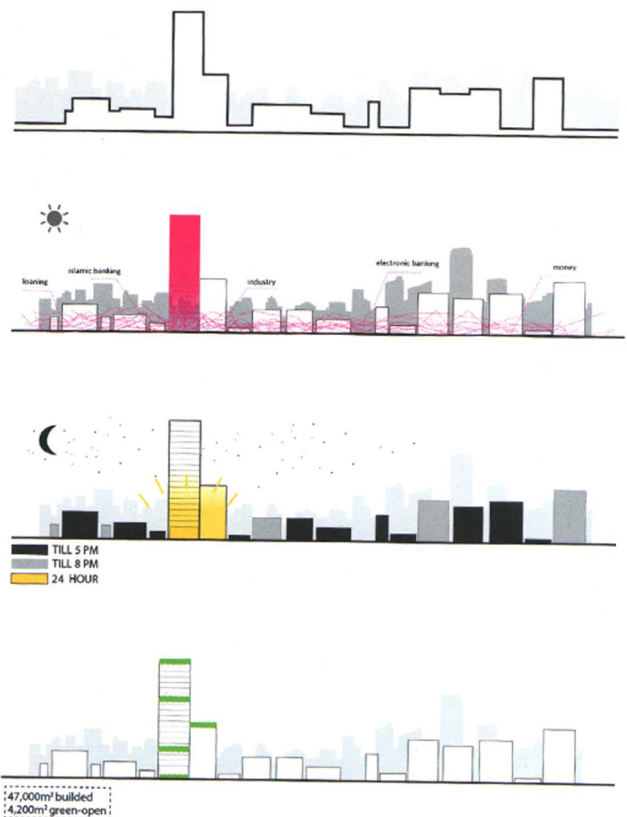
### Design Competition for the Third Millennium Tower, Pasargad bank Headquarters

The world today has extensive changes in the field of data transfer and technology development. Therefore Pasargad Bank, the leading bank in the modern banking system, besides providing new modern banking services to their costumers has decided to create an outstanding project in the field of architecture as a "Millennium Tower" with new and innovative design solutions. Pasargad bank Headquarters' is located on a 2,835.88 sqm property, which is the result of accumulation of 4 different lots between Mirdamad Boulevard and Damanafashar Street. This project with 20 stories of office spaces and 8 basement parking levels is an extension to the existing 10 stories building. Now a day in modern cities issues surrounding public space and its uses have attracted the attention of most architects and urban designers.

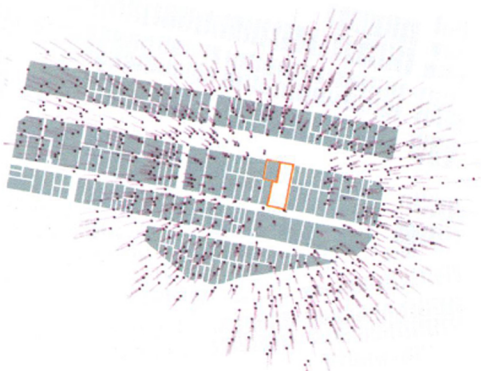
#### Project Design Features:

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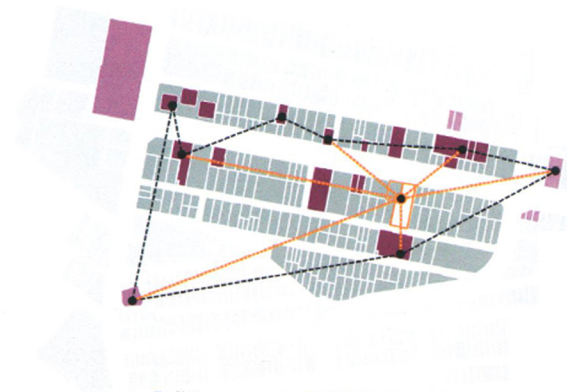
Located within one of the most important financial district in Tehran, Pasargad building can play an important role in city urban life. City of Tehran with high population and high density is suffering from lack of investment in open public spaces.



#### Urban Design

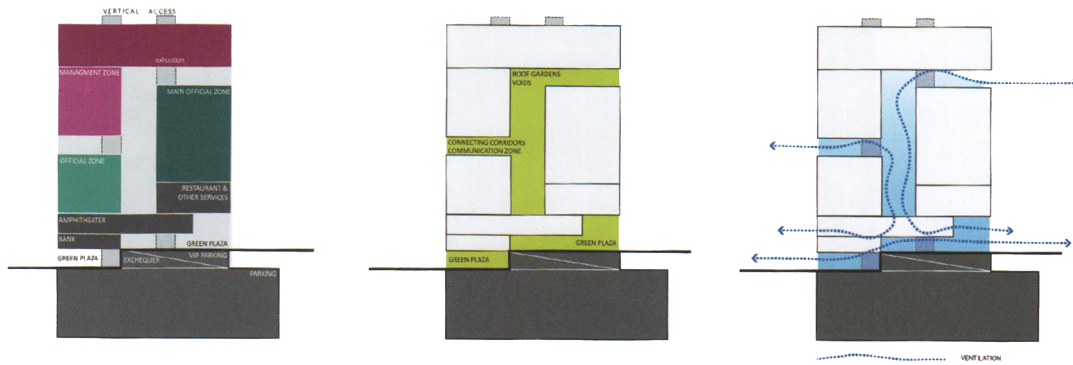


Absorption of People by the Public Plaza



Building as a Landmark from Different Distance

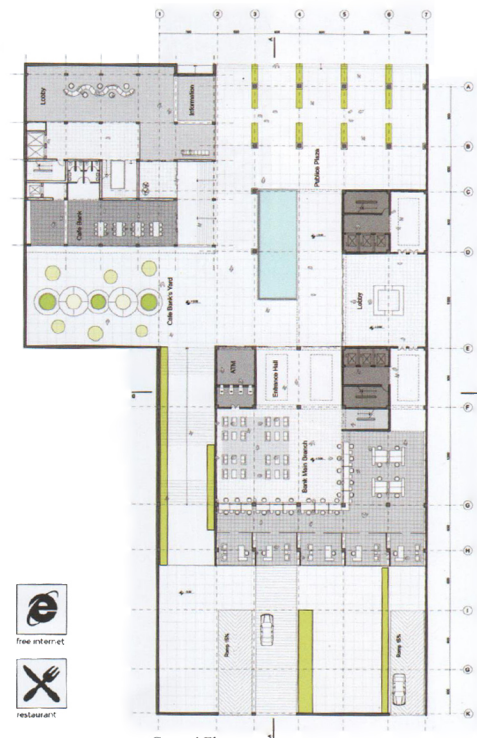
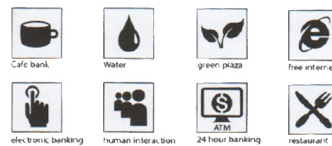
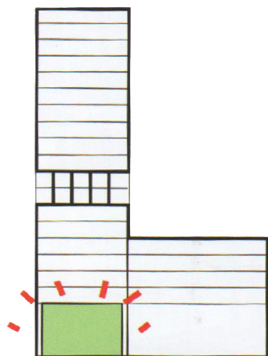
## Functional and Ecological Diagrams



## Plaza

A large open plaza with a public café and bank central branch at street level is designed to connect the building to the surrounding neighborhood, making this building an important component of the district. This plaza creates a place for informal gathering and social interaction at different hours of day and night.

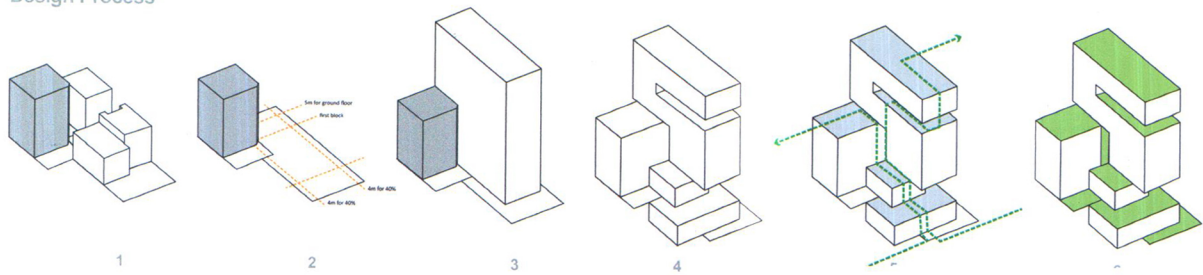
Another urban design aspect of this project is to create green terraces in different level of the building especially from the south elevation. These terraces besides providing building occupants the opportunity to relax in pleasant environment, offer enjoyable views to low-rise neighbors.





## Architectural Design Concept

### Design Process



## Architectural Design

The main ideas in the project design and its conception is to create an architectural and social landmark in the city. Design of the building is inspired by architectural elements of ancient Pasargad palace such as gardens, porches and columns to show the glory and dignity of Pasargad Bank. For this purpose, garden terraces, double height columns and porches was used in different parts of the building. Public facilities such as Bank main branch, Conference hall, and Coffee Shop, gallery and employee restaurant are located on the first three floors above the ground. The upper levels belongs to administrative which is designed as modular open offices. Administrative levels are divided into three different zones: Management, employee and the transitional zone which host a public space for relaxation, social interaction, staff training, meetings and etc. Two main vertical cores including lift lobbies and two staircases are giving access to all floors. To provide more security and controlling public flows into the building, separates entries designed for publics and staffs.



## Sustainable Design:

In order to achieve green architecture and sustainable design, we follow some items like:

- Using green spaces inside and outside the building; inside as a green office and outside in the form of green plaza and garden terraces.

- Considering double skin façade for controlling natural light and using eastern, western wind for controlling energy consumption.
- Create a central core to have air circulation, reducing temperature and increasing the comfort level in the work space.

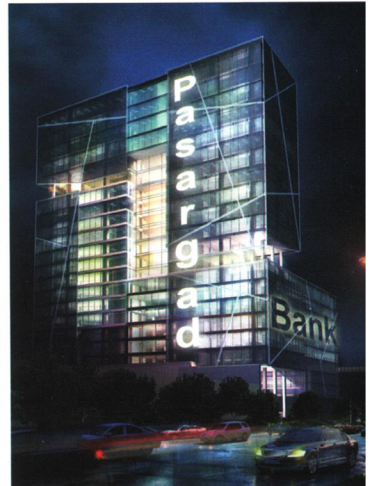
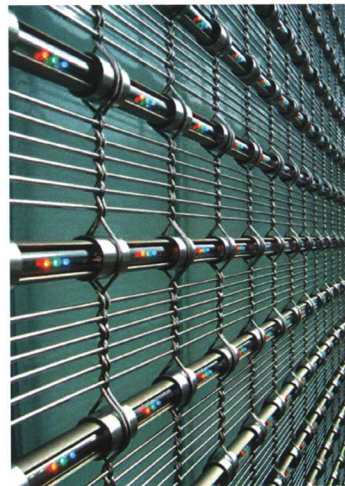






### Double Skin Facade:

The façade is treated with a perforated metal sunscreen that protects an internal glass facade from solar gain. This uniform double skin façade covers both new and existing buildings to create one unified building. Using digital façade as a modern technology aims to become a virtual space for exchange and communication with both visitors and locals. It is an infrastructure designed as an active support capable of promoting social responsibility, information transmission and social interaction.





Pasargad Bank, Mirdamad Boulevard, Main View





