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A Conceptual Design of Qualitative Improvement of Tehran Railway Station Precinct

Une conception pour améliorer la qualité de l'environnement de la gare ferroviaire de Téhéran

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What are we going to talk about?

The aim of this lecture is to present development plan of Tehran Station precinct and explaining reasons of its necessity for improvement:

- **Rah-Ahan Square is the main constructional-spatial element of Tehran Metropolis. As an area with distinctive identity in Tehran, the restoration of distinctive characteristics of Rah-Ahan square through an integrated design and qualitative promotion of space and performance will be done in this project. Attention to the quality resulting from this structural association and its restoration as the unique railway gate of the Capital are other key aspects of this project.**



Where are we now and going?

- High number of bus parking areas in the square.
- High density and different types of urban furniture have led to visual pollution in the environment.
- High-rise and discordant buildings that disrupt skyline.
- Disarrangement of harmony due to numerous and imbalance patterns in flooring and facade of walls.





Where are we going to be?

- Physical-spatial manifestation of historical identity of Rah-Ahan Square.
- Completing physical form of the square based on historical patterns to consolidate architecture with present value.
- Reinforcing physical - structural connection of street, square and railway.
- Devoting southern half of the square to pedestrians alongside harmonic landscaping.
- Prioritizing pedestrians and reducing speed of vehicles.





Spatial and Physical Design Patterns of the Area



1- Harmony of form and space with Rah-Ahan complex and establishing visual connection between two significant buildings of the set -Shahid Kalantari and Shahid Noori- through reformation of western membrane of square.



2- Providing continuity and unity of physical form at the beginning of Vali-Asr Street alongside retaining domination of Kalantari - Ghomash Building.



3- Completing southern wall of square with emphasis on Rah-Ahan building so that it could be viewed from subway gate and eliminating visual disturbances.



Spatial and Physical Design Patterns of the Area



4- Improving land view of the square and turning it into a symbolical element by increasing harmony.



5- Consolidation of view and perspective to generate harmony in Rah-Ahan complex.



6- Promoting quality of walls, completing square at the beginning of Vali-Asr Street by establishing proper harmony and organization of northern park.



Spatial and Physical Design Patterns of the Area

7- Leveling station enclosure, Displacement of taxi terminal located in front of the station to the first basement floor of East side building In order to preserve the integrity of transportation systems, the underground space in front of the station has been considered to connect subway station to railway platform in the future.





System of Symptoms and Functional-Spatial Definition of Selected Points



1- Consolidation of landscaping of Rah-Ahan counter with straight geometry, reconstruction of rail pattern at the floor, and generation of second pedestrian-specific section based on historical maps.



2- Completing geometrical form of Rah-Ahan Square by physical reformation of northern membrane of the square and assignment of alley to the pedestrian route



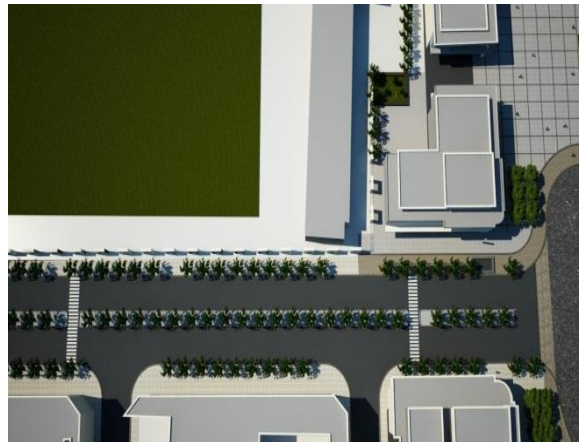
3- Reforming middle section of the square by landscaping, based on historical pattern with geometrical forms, combination of water and green space, flooring of square area and routes leading to it.



System of Symptoms and Functional-Spatial Definition of Selected Points



4- Building pavements and prioritizing pedestrians with secure passing through the street.



5- Landscaping and optimizing walls of neighboring streets with consideration of possible widening and creation of boulevard with central refuge.



6- Harmonizing view of square in borders and devoting facility space of subway into green space.



General Objectives



- Maintaining and reinforcement of historical-cultural identity of the square and railway complex in the city.
- Improvement of physical-spatial quality of Rah-Ahan Square.
- Reinforcing the position of Rah-Ahan Square in connection with structure of Tehran Metropolis.
- Facilitation of accomplishment and implementation of the project.





Strategies

- ❑ Reconstruction and optimization of old buildings and construction of new buildings based on historical values and architectural identity of existing buildings.
- ❑ Creating lively railway terminal space by using commercial and service-based activities demanded by railway users and lessening the role of the place as a terminal and a site for temporary activities.
- ❑ Directing current and in hand activities of Rah-Ahan square based on formation plan of efficient management system.



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THANK YOU MERCI

