

MULTI-FUNCTION OF A PLACE FOR COMPANIONSHIP AND LOCAL SEISMIC DISASTER MANAGEMENT IN A COMMUNITY

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A place for companionship in a community of a megacity is an attempt to provide the community members with the opportunity to develop a friendly relationship through an architecture that provokes interaction within single vicinity. This opportunity defines the kind and level of the interaction among the community members. It begins with the satisfaction of a vital necessity develops through interaction and ends with bonds of the neighbourhood residents. The vital necessity is located in a community house to provide the opportunity for the interaction that may foster the relationships among the community members (Huang, 2010). On the other hand, seismic disaster could be main concern of the community when the megacity situated in the high seismic zone. The objective of this study is to introduce a place for companionship (Shakib, 2013) and seismic disaster decision centre during the golden time of earthquake occurrence. In order to achieve this objective the following methodology is introduced.

In the first step the requirements and fundamentals (Figure 1) of such spaces in small and large scales are introduced (Bentley et al., 1985). Based on the finding of the above step, suggestions are made to improve the function of these spaces. Then the particular site (Figure 2) and the required procedure for the architectural and seismic design are presented and categorized. Finally, keeping the findings of the study in mind, preliminary remarks are made, different alternatives are investigated and the final design (Figure 3) is introduced.

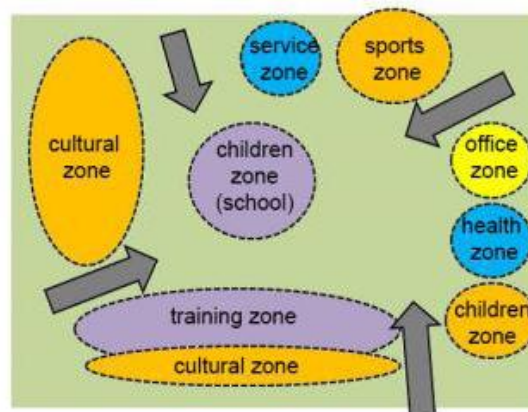


Figure 1. Multi-function of a place for companionship and local seismic disaster

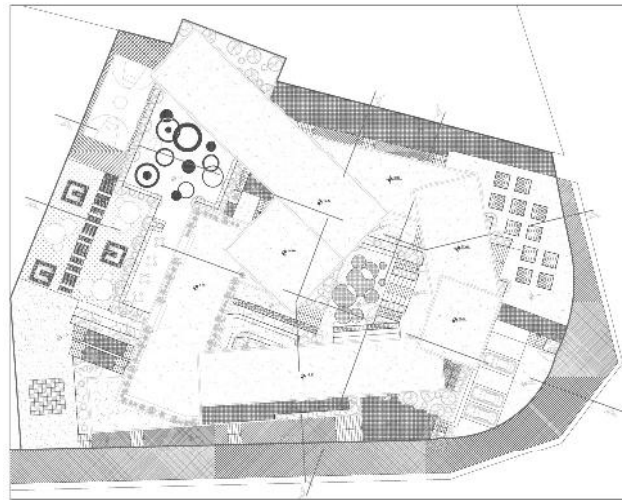


Figure 2. The site of the place for companionship and local seismic disaster



Figure 3. The view of the place designed for companionship and local seismic disaster

REFERENCES

- Bentley I, Aleock A, Murrain P, McGlynn S and Smith G (1985) *Responsive environments: A manual for Designers*, London: The Architectural press
- Huang SCL (2010) *The Impact of Public Participation on the Effectiveness of, and Users' Attachment to Urban Neighborhood Parks*, *Landscape Research*, 35 (5): 551-562
- Shakib S (2013) *A Place for Companionship in a Community*, Master Thesis, School of Architectural Engineering, Tehran University