

ABSTRACT

Application of Ecological Architecture In Community Space Design

(Case Study: ElevenTrees, Cilandak, South Jakarta)

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The need for shelter and activities that is increasing due to population growth which at the same time increases the need to fulfill the life of each individual often sacrifices natural resources in vain to meet these needs. The board or development sector then becomes one of the sectors that play a major role in the use of natural resources. Jakarta as a city filled with various kinds of activities then gives rise to communities with different space needs. The creation of various communities then led to designs with the type of community space that functioned as a forum for 1 or more communities and activities. On the other hand, public designs with concepts that pay attention to the environment are still quite rare. One way to design with attention to the environment can be done by using the concept of ecological architecture that focuses on the reciprocal impact between the environment, humans, and also a design. This research is then aimed at knowing and analyzing how the application and impact of the elements of ecological architecture on the community space type design qualitatively through the method of observation of the object of research, literature study, and also interviews with the parties behind the design, both designer, owner and manager. The results of this study are in the form of efforts that can be made in creating designs that respond to the environment well.

Keywords: *activity, community, community space, design, environment, ecology, reciprocity.*

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