

ABSTRACT

Fahlevi, Reza. 2011: **Redesign Surabaya Zoo**. Supervisor Agus Subaqin, M.T.
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A zoo, commonly referred as a wildlife park, is a place where animals are kept in artificial environments and displayed to the public. Zoos serve as a place of education, research, recreation and conservation for many species, including endangered animals. One of the zoos in Java that houses animals is the Surabaya Zoo. This zoo not only affects the animals that live in it but also has an impact on the surrounding environment that serves as a green area. There are issues that affect the development of the animals in the zoo as well as the comfort of the visitors. Along with the lack of attention to hygiene and creating a natural habitat necessary for the animals, the visitor pathways are unorganized.

In order to overcome the problems that exist, the Surabaya Zoo needs to be redesigned. The method is carried out through data collection by means of observation, surveys, literature review, comparative studies, analysis and creating concepts of design.

Green Architecture is a theme that is used to invent a design that is friendly to the environment. The concept of openness is intended to help facilitate the design in realizing the objectives to be achieved, such as the utilization of energy that exist in the region, making the microenvironment of the animals in accordance with its natural environment and also the convenience of visitors.