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RECREATIONAL FOREST:

**DESIGN WITH NATURE: DESIGNING RECREATIONAL AREAS AT
NATURAL RAINFOREST IN PANTI RECREATIONAL FOREST,
KOTA TINGGI, JOHOR**

This academic project is submitted in partial fulfilment of the requirement for the
Bachelor of Landscape Architecture (Hons.)

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ABSTRACT

The natural tropical rainforest providing diverse and educational environment which growth the social integration to sustain the ecosystem and living thing. To increase the sense of belonging and improve the awareness from community, research and educational purpose to encourage user appreciate natural environment. Forest protection are one of important role to reconnect the nature with user. To generate the conservation and preservation strategies, "Ian McHarg's Ecological Inventory Method" have been used for proposed strategies. From this study, to emphasis this forest as one attraction for urban escape is generate the sustainable protection for flora and fauna. On that, this forest implement the water filter with natural approach to increase natural habitat, generate natural activities with design based on nature and forest functional as natural tourism spot for community and tourist. In that fact, the nature also giving the positive implications toward surrounding, fair as educational and research center for nature lovers, promoting the sustainable activities, and accessible for encourage the flora and fauna growth. Thus, the strong natural treasure identity and genius loci can be implement to increase nature value. Therefore, to having the benefit of forest landscape show the present natural element can generate the ideas to produce the magnificent natural rainforest environment in Pantai Recreational Forest.

Keywords: Design with nature, natural treasure, forest recreational, natural habitat, leisure with nature.

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The natural rainforest can be described as an important element and has a positive impact on the environment. There is a diversity of resources available in the forest. The rainforest can state as a richness of biodiversity represent by fleshy of flora and fauna. Although humans are part of the forest community. Thus, their social action toward the forest must be full of responsible and avoid any degradation of the forest. Natural forest delivers rich of the evidence foundations that could be used to discover original natural functioning data such as structures of the forest, procedures for any future development, establishments of reserve forest, roles by stakeholders, organization, and method to preserve forest into the forest recreational areas (Yeler, 2015). According to WWF (2019), the importance of natural forests absorbing dangerous greenhouse blasts that harvest climate transformation. In forests, a sector of a trillion tons of carbon is deposited in overhead and underneath pounded biomass. Second, providing hygienic water for drinking, cleansing, and other everyday requirements. Protecting water catchment and decreasing the capacity of erosion and chemicals that spread waterbodies also the importance of natural forest. Providing nourishment and medication also helping as a shield in natural disasters like flood and rainfalls. Lastly, providing habitation to flora and fauna species. McHarg pursues the inherent carrying capacity of land through a strategy procedure must compliment, participates, and simplifies numerous ecosystem processes, roles, and facilities. McHarg's ecological wisdom of "succeeding natural forest lead in design," however, prepares not to emerge in space. (Yang & Li, 2016).

The study to time has inclined to concentration on the recreational forest. Yang & Li (2016) have reported that recreational forests to deliver a gathering of bionetwork services to