

ABSTRAK

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Program Studi : Arsitektur
Judul : Rancangan Apartemen *Mixed-Use* Di Kota Bandung
Dengan Menerapkan Konsep *Biophilic Design*
Pembimbing : 1. Ir. Utami, M.T.
2. Agung Prabowo S., S.T., M.T.

Bandung adalah kota yang memiliki populasi yang besar menyebabkan tingkat kebutuhan akan hunian semakin banyak. Tidak sebandingnya ketersediaan lahan dan harga yang terus bertambah. Hal ini mengakibatkan semakin besarnya kebutuhan hunian bertingkat atau vertikal yang biasa dikenal rumah susun atau apartemen. Lokasi apartemen yang berada di tengah kota menjadikan olahan desain yang ramah lingkungan menjadi penting agar menyatu dengan alam dan lingkungan alam tropis, maka tema yang diterapkan pada apartemen ini adalah biofilik. Tema tersebut dapat meningkatkan kenyamanan pengguna dan lingkungan di sekitar site sehingga menjadi oasis bagi kawasan tersebut. Penerapan tema tersebut diterapkan melalui penggunaan tumbuhan baik lanskap maupun fasad bangunan. Penataan tumbuhan yang diolah pada bangunan dapat menciptakan bangunan menjadi lebih sejuk, dan sekaligus menghasilkan estetika yang baik pada fasad bangunan.

Kata kunci: *Tema, Apartemen, Biofilik.*

ABSTRACT

Name : Meidiasto
Study Program : Architecture
Title : *Mixed-Used Apartment Design in Bandung City
By Applying the Concept of Biophilic Design*
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Bandung is a city that has a large population. The increasing number of population in big cities is one of them caused by the large number of migrants from outside the city who are looking for knowledge and jobs in the city, causing the level of need for more and more occupancy. Unequal availability of land and ever-increasing prices, resulting in a design in the form of terraced or vertical dwellings commonly known as flats or apartments. Coming from out of town and in the city that lives in Bandung. Not only the population is large, when students and workers who have money or investment want to rent a place that can be occupied comfortably and classy. Therefore, the city of Bandung currently needs apartment facilities and facilities that can accommodate tourists who live and rent apartments, along with all the facilities with mixed used building functions. In order to blend with nature and the tropical natural environment, the design taken in making mixed-use apartments is a biophilic design where the theme can increase the comfort of its users and the environment around the site so that it becomes an oasis for the region. The application of the theme includes plants, the area around the building and the appearance of the building, using plants that have good ecology for the building as well as its users, the arrangement of plants around the building so as to create the area to be cooler, and the use of plants to strengthen the relationship of nature with buildings as well as aesthetics. on the building facade.

Keywords: *Themes, Apartements, Biophilic.*