

## **ABSTRACT**

*Name* : Laurencia Averina  
*Study Program* : Architecture  
*Title* : **DESIGNING VERTICAL PUBLIC HOUSING IN  
CIPINANG MUARA THROUGH A LIVABILITY  
APPROACH WITH MODULAR DESIGN METHOD, EAST  
JAKARTA**

*East Jakarta covers the largest area of 187.75 sq<sup>2</sup>, has the highest population of 3,083,883 people, and the highest number of households totaling 2,788,989. The housing backlog in East Jakarta reaches 1,778,539 units, and the area of slums amounts to 120.6 hectares. Consequently, the government faces a significant challenge in fulfilling the primary need for adequate housing for Low-Income Communities (LIC). LIC refers to individuals with limited purchasing power to acquire suitable housing. The high housing deficit has led to the expansion of slum areas in East Jakarta. Therefore, vertical public housing are the government's solution to address the need for adequate housing to improve the quality of life for LIC through a livability approach. This study focuses on identifying the feasibility aspects of Vertical Public Housing in Cipinang Muara, East Jakarta using a livability approach through a modular design method. The livability approach in this study serves as a strategy aimed at enhancing the quality of life within a community by considering various aspects. This research employs a qualitative method incorporating elements of observation, interviews, and questionnaires. By applying the livability approach through modular design, this study aims to provide various solutions that can improve the quality of housing in vertical public housing in Cipinang Muara, East Jakarta.*

**Keywords: Vertical Public Housing, Livability, Quality of Life**