

ABSTRACT

Name : Erika Claretha
Study Program : Arsitektur
Title : Design of Simple Rental Flats in Cikarang with a Behavioral Architectural Approach

Cikarang is one of the fastest growing industrial areas in Indonesia. This industrial estate attracts the attention of outside investors to invest and develop their company in Cikarang. As a result, many workers from inside and outside Cikarang are interested in working in the Cikarang industrial area. Workers from outside Cikarang need decent temporary housing with low rental rates, so that workers do not have to commute from their place of origin to their place of work. This study was conducted to determine the level of satisfaction of residents Rusunawa BPJS Ketenagakerjaan Cikarang. The level of satisfaction is divided into 3, namely not satisfied, satisfied, and very satisfied. This study was conducted by using Post Occupancy Evaluation (EPH) to find the inaccuracy of the building by taking into account the technical, functional, and behavioral elements. This study used a mixed method, namely quantitative and qualitative. As the research process progressed, new problems were found, namely floods that occurred in 2021 and damage to facilities due to lack of building maintenance by the management body. The results of this study will then be an effective rusunawa design criteria in carrying out its functions for workers in the Cikarang industrial area. This design is a continuation of research that has been done before. This design uses a methodology related to human behavior. The results of the design methodology will later be analyzed to find the design criteria. Determination of design criteria is more directed to a pattern-based framework. Determination of these design criteria resulted in a flat building located in Jababeka Cikarang for single workers and workers with families with a height of 5 floors.

Keywords: Workers; Rental Flats; Satisfaction; Post Occupancy Evaluation.