

ABSTRACT

The villa design project in Garut Regency is a response to the need for temporary housing that not only functions as a place to rest, but is also able to blend with the local environmental and cultural context. The problem raised in this design is how to create a villa design that is functional, efficient, and in harmony with nature and user needs. The main objective of this project is to design a space that is responsive and flexible to user activities, and uses an industrial natural design approach as an aesthetic and ecological solution. The design method includes analysis of existing conditions, user needs studies, and comparative studies of similar projects. The findings show that the use of appropriate building orientation, utilization of natural lighting, and selection of natural materials can increase comfort and energy efficiency. Built-in and multifunctional furniture is designed to support

space efficiency and flexibility of function. The conclusion of this design shows that a design approach that is synergistic with nature and integrated with nature can increase the functional and aesthetic value of the villa, and become a reference in residential development.

Keywords : functional, nature synergy, industrial natural, built-in, natural lighting.