

## ABSTRACT

### **APPLICATION OF THE CONCEPT OF TROPICAL ARCHITECTURE TO THE DAK HOUSE BUILDING BY DSI ARCHITECT & PARTNERS**

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*Design problems related to tropical buildings usually occur in tropical countries like Indonesia, where temperatures and weather rise every year. This situation makes Indonesian architects respond to tropical architectural themed designs to produce ideal homes. An example of a house designed using the concept of tropical architecture is the DAK House in Nusa Loka, BSD, South Tangerang. DAK houses are located in areas with moderate density between buildings. Architects can see the concept of tropical architecture in the DAK House building which provides many components of natural lighting and natural ventilation so that the two components can play a good role. If there are tropical architectural characteristics in the building, such as the location of the organization of space, the correct orientation of the building, the roof design that responds to climate and weather, and allows sufficient openings and ventilation, the use of appropriate walls, the materials used, and the design of green open spaces. around the building. This research uses qualitative research methods to see how architects make residential houses using tropical architectural concepts and tropical architectural characteristics and quantitative to see how architects can respond to the intensity of sunlight and natural air.*

**Keywords: Concept, Tropical Architecture, Features of Tropical Architecture**

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Publication Years : 1973 - 2021