POST DISASTER HOUSING for NATURAL DISASTER VICTIMS based on ARCHITECTURAL FLEXIBILITY APPROACH

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ABSTRACT

Natural disaster is natural phenomena that will bring a lot of loss, especially for human life and property. As a human race, international solidarity automatically come to ease burdens of all of the victims who lost their properties, family, even they have to be relocated to new places because their land cannot be occupied anymore.

Normally post disaster houses have been erected, mostly by government or even personal expenses yet. But there were several weakness of the design that make user did not feel comfortable. For example it did not responsive to local climate, culture, behaviour and social condition of particular societies, such as happened in Dusun Kedung Kampil, Kedung Solo Village, Porong Subdistrict in Sidoarjo Region. Which is the area of this research. Therefore the user decided to make some changes to suit their needs to get more liveable and comfortable place. The problem rises due to the lack of design that was not made to the anticipate the extensive nor the change of the function.

This design aims to overcome the problem by designing not only considering the technical aspects but also the people behaviour, adaptability, transformable and responsive to local climate. It promotes flexible architectural design to offer opportunities for the occupants both to fit their personal behaviour and extend the house due to their future needs.

Key Words : Architectural Flexibility, Instant House, Post Disaster Building.