ABSTRACT

Name : Michael Adrian Heryanto
Study program: Architecture
Title : *Designing Vertical Housing in Pursue of Time and Cost Efficiency Based on Walkability in Jakarta*

Jakarta has become a developed city with a high number of populations inside which caused traffics to happen every day inside the city which is time and cost consuming. If we take a closer look to understand this matter, Jakarta is not only populated by its people but also people from the satellite city because they work in Jakarta. People started to move to satellite city because Jakarta has limited land/space left, the land had been filled with landed houses which could have been made vertically.

This architectural research will answer those problems by understanding the meaning of life efficiency based on walkability to attract more property development that understand the needs of its people. The theory of walkability will also help housings development in pursue of a more efficient life. This theory's application will be injected to the housing design to erect future development.

This research aims to give a solution in form of a vertical housing design which can adapt and promote walkability to change people's mind about walking and change their habit to gain more efficiency to live inside the city. By understanding and applying walkability to the design means giving a better accessibility or mobility for people or users. This application also acquainted us to a better social economic life that has never happened before.

Keywords: efficiency, time, cost, limited land/space, vertical housing, Jakarta, walkability.