BUILDING SURVEYING DEPARTMENT

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UNIVERSITY OF TECHNOLOGY MARA PERAK

THE EFFECTIVENESS LEVEL OF SKYLIGHT AT BILLION SHOPPING MALL

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STUDENT'S DECLARATION

Academic Project Title:

THE EFFECTIVENESS LEVEL OF SKYLIGHT AT BILLION SHOPPING MALL

I declare that this report is the result of my own research, unless otherwise indicated or acknowledged as referred work.

In the event that my report be found to violet the conditions mentioned above, I voluntarily waive the right of conferment of degree and agree be subjected to the disciplinary rules and regulation of University of Technology Mara

Signature : …….

Student's Name : …….

Date : …….

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ABSTRACT

Daylighting is controlled entry of natural light; direct sunlight and diffuse skylight - into buildings to reduce electricity and energy-saving lamps. This research discuss about the effectiveness level of daylighting in billion shopping mall by comparing three billions building at Perak are which are Billion Seri Iskandar, Billion Manjung and Billion Medan Gopeng. This research aim is to establish the temperature and time influence the comfortable rate of the occupants in the building. This aim are narrow down to the three objectives of the research which are to investigate the level of comfort from user perception during they are in the building, to identify the perception of user on awareness of use and importance function of a skylight from positive and negative perception and to comparing the daylighting among billion malls. By distribute the 150 questionnaire which distribute 50 questionnaire for every billion buildings and also do several interview session to the respondents at three billion building are helping this research to fulfill the research's objectives. Besides a tool which is hydrometer has been used to measure the temperature in the building and recorded time at 10.30 a.m., 12.30 p.m., 2.30 p.m., and 4.30 p.m. The results of the study show that Billion Manjung is the best building that have good daylighting which make the occupants in the building comfort than Billion Seri Iskandar and Billion Medan Gopeng, are presented in this paper.

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