

**CENTRE OF STUDIES FOR BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

**ASSESSMENT OF LIGHTNING PROTECTION SYSTEM
IN BUILDING**

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**Academic Project submitted in partial fulfillment of the requirements
for the degree of
Bachelor of Building Surveying (Hons)
Centre of Studies for Building Surveying
Faculty of Architecture, Planning & Surveying**


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**“I hereby declare that this academic project is the result of my own research
except for the quotation and summary which have been acknowledged”**

Student's Name : Stephanie Simson

Signature : 

UITM No. : 2010454402

Date : July 15th 2013

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**ACADEMIC PROJECT
BSB 608 & BSB 658**

CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS

**This is to confirm that the student has amended his/her
academic project as directed and therefore allowed to compile**

Marks	Grade
73	B+

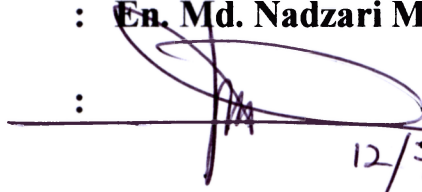
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ABSTRACT

Protection is the condition of being protected against danger, loss, or damages. In the general sense, protection is a concept to kept safe and comfort. Lightning protection systems are used to prevent or lessen damage to structures done by lightning strikes. Lightning protection systems mitigate the fire hazard which lightning strikes pose to structures. A lightning protection system provides a low-impedance path for the lightning current to lessen the heating effect of current flowing through flammable structural materials. A research was conducted on government public buildings; Sultan Abdul Aziz Royal Gallery, Raja Tun Uda Library, Sultan Salahuddin Abdul Aziz Mosque, and Sultan Alam Shah Museum located in Shah Alam and Klang. The purpose of this research is to determine the Lightning Protection System used in the building. In research methodology, observation and through interview will be the tools for collecting data. Besides that, the journals, books, thesis, and catalogues also used as a tools for collecting data. Finally, the research ends with the conclusion and recommendation chapter. This is for conclude and summarize the whole chapter and conclude the result/finding/analysis in chapter 5, whether the objectives, or aims of this research is achieves or not.

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