

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

**A STUDY ON RISK MANAGEMENT DURING BASEMENT  
CONSTRUCTION IN HIGH-RISE BUILDING**

**NUR SHAMILA BINTI MAT YUSOFF  
(2010918577)**

**Bachelor of Building Surveying (Hons)**

**July 2013**

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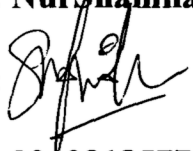
**Academic Project submitted in partial fulfillment of the requirements  
for the degree of  
Bachelor of Building Surveying (Hons)  
Centre of Studies for Building Surveying  
Faculty of Architecture, Planning & Surveying**

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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  
acknowledge”**

**Students Name** : NurShamilabinti Mat Yusoff  
**Signature** :   
**UiTM No.** : 2010918577  
**Date** : July 15<sup>th</sup> 2013

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**ACADEMIC PROJECT  
BSB 608 & BSB 658**

**CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS**

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

<b>Marks</b>	<b>Grade</b>
65	B

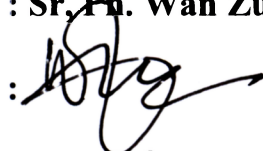
**Student's Name : NurShamilabinti Mat Yusoff**

**UiTM No. : 2010918577**

**Title : A Study on Risk Management During  
Basement Construction In High Rise Building**

**Supervisor's Name : Sr. Pn. Wan ZurieaBt Wan Ismail**

**Signature**



**Date : July 15<sup>th</sup> 2013**

## **Abstract**

In construction work many hazard could be happened and exposure to risk on site becomes danger. So this research focus on the risk management during basement construction that needs to take serious aspect on construction work. The objectives of this research are to identify risk that associated with basement construction for high rise building construction, to analyze risk management implementation in basement construction and to give recommendation to the problems that associated with the risk management in basement construction. This research was conducted at 3 different basement construction sites which are Da'Men USJ basement project, Sunway Pyramid 3 and Bumimetro construction at Bandar Subang Jaya. All the data collected was then analyzed and making a finding base on objectives has been made. The result that obtained from these studies showed that the risk management is important parts on basement construction.