



اُونِيُوَرَسِيْتِي تِيكْنُولُوْجِي مَارَا

**UNIVERSITI TEKNOLOGI MARA**

**DEPARTMENT OF BUILDING SURVEYING  
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING  
UNIVERSITI TEKNOLOGI MARA**

TITLE:  
THE LOW HEAT CEMENT CONCRETE: PILE CAPS

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**PRACTICAL TRAINING REPORT  
DECEMBER 2013 – APRIL 2014**

DECLARATION:

I hereby admit that this report is the result of my own efforts, except for the certain parts that are attached from sources that specified in reference chapter.

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Date: 24hb MARCH 2014

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## ACKNOWLEDGE

First of all Alhamdulillah, a very grateful to God, at last I have completed this practical training report in the time given by UiTM. A million thank you to Encik Mohd Azian bin Zaidi as my supervisor lecturer for his advice and who is willing to give guidance, support and help, when I carry out this task. I was very thankful because he had helped me a lot in this report. Without him, I might not be able to complete this report successfully and followed all the format that already stated by Department of Building.

A honor to Managing Director of Jabatan Kerja Raya (JKR), EN. Wan as willing to accept me as practical student for four months starting from NOV 29th, 2013 until MARCH 29th, 2014. Next thanks to EN.Mohd Azli as supervisor for the company which has given me guidance and supervises all my work during my training in Jabatan Kerja Raya (JKR). Not to forget my parents whose has given impetus and encouragement during my studies at UiTM Perak. Lastly, I convey my gratitude to Jabatan Kerja Raya (JKR) staffs who involved either directly or indirectly as their cooperation and information given until this task has successfully completed.

A special appreciation and a lot of thankful to Encik mohd taha bin suman as Managing Director at Blok 8 construction and Encik asmawi and Encik azmi (Technician) who given me a lot of experience during my practical training time. Next, I would like to take this chance to deliver deep gratitude to every person at main office of Jabatan Kerja Raya (Jkr) and others site that I go for learning and understanding about the real environment of work.

Thank you and May God bless all our days.



## ABSTRACT

This report is briefly explained based on the case study of types and installation method of the pile cap of the Blok 8 construction site at SUK ('Setiausaha Kerajaan Kelantan'). Pile caps construction is usually done at the preliminaries stage of construction. The construction of the pile caps is related to the choice of building material used as foundation. This report is produced through my practical training experience while placed at construction site to build a Commercial building at Kota Bharu, Kelantan.

This report has been divided into sections as to ease reader to understand the detail steps on installation methods and the choice made for material of the pile caps. The sections start from the introduction, company background, theoretical reviews, the types of pile cap used, method of installation, problems occurred and conclusion as the summary. Methodology of study obtained from the theoretical reviews on books, journals and resources from web. The case study is basically done by the observation and the interviews from the site supervisor and suppliers.

Based on the study, as the contractor the pile cap work is proceed according to bill of quantities prepared by consultant and reference to the clauses contained in contract agreement. Finishing work is important as it influence the physical view of the completed building and its aesthetics value.



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