



اَوْنِيُوْزِيسِيْتِي تِي كُونُوْ كِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA

**UNIVERSITY TEKNOLOGI MARA SERI ISKANDAR,
PERAK**

**FACULTY OF ARCHITECTURE, PLANNING AND
SURVEYING**

CONSTRUCTION OF PILE CAP

PREPARED BY : NUR LIYANA BINTI ABDUL
RASHID
MATRIX NUMBER : 2011409942
PREPARED FOR : SR. DR. MOHD FADZIL MAT YASIN
PROGRAMME : DIPLOMA IN BUILDING SURVEY
PRACTICAL TRAINING REPORT : NOVEMBER 2013 – MARCH 2014

TABLE CONTENT

NO.	TITLE	PAGES
1.	Acknowledgment	1
2.	CHAPTER 1 1.1 Introduction 1.2 Objective Practical Training 1.3 Objective Practical Training Report 1.4 Advantages Practical Training	2 3 4 5 6
3.	CHAPTER 2 2.1 Company Background 2.2 Location Map 2.3 Jabatan Kerja Raya (JKR) 2.4 Vision And Mission 2.5 Objective Of Jabatan Kerja Raya 2.6 Organization Structure 2.7 Organization Background 2.8 Scope Of Work	7 8 9 10-11 12 13 14 15 16-19
4.	CHAPTER 3 3.1 Introduction 3.2 Definition Of Pile Cap 3.3 Arrangement Of Pile Cap 3.4 Typical Arrangement Of Pile Cap 3.5 Method Statement Of Pile Cap	20 21 22-23 24 25-28 29-30
5.	CHAPTER 4 4.1 Case Study 4.2 Types Design Of Pile Cap 4.3 Method Statement Of Pile Cap	31 32-34 35-36 37-43
6.	CHAPTER 5 5.1 Problem And Recommendation	44 45
7.	REFERENCES	46-54

ACKNOWLEDGEMENT

First, thanks to Allah S.W.T. that gives me a healthy during my practical training and give an idea to finish whole my report also make sure all the report will complete within a period given without any disturbing with anything happen. Also thanks to a lecturer as a Practical Training Coordinator that handle all a practical students, Mr. Mohd Nurfaizal bin Baharuddin and Mrs. Siti Zubaidah binti Hashim that give a guidelines and teach us to make a good report and arrangement by part of the report that followed all the requirement that have given. Moreover, thank you to my supervisor during practical training, Sr. Dr. Mohd Fadzil bin Mat Yasin has guided me to do the report and guided during practical training. He teach me about procedure to make a good report and give advice to make a decision to choose a syllabus given.

Besides that, do not forget to all my friends that help and teach me to give an ideas and some information to do the report and encourage me to complete the report until finished. I also thanks to the whole departments in Jabatan Kerja Raya (JKR) Klang staff especially to Assistant of Building Engineer in Building Departments that give me, support to make a good report and give more information about all project that JKR Klang handled.

Lastly, thanks to all technician in Building Department that give me a chance to get an experience in a site and teach a technically how to build a building. They also teach how to manage a good management in a construction period that have been given so all the contractors follow all the flow smoothly.

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

Building surveyor is a person professionally engaged as to survey that let the eye pas over, make scanned view, and give an idea, chief feature and make examination upon the building, land cost and estate. The scope should be a comprehensive, critical, detailed and formal inspection of building to determine its condition and value, often resulting in the production of a report incorporating the results such as inspection.

In Building Surveying Department, we know that they have provided the practical training. Therefore, all students can get more experiences and more knowledge in a syllabus that has studied during first semester until the end of the semester. This department has given a chance for us to get an experience in work industry in practical training. With a practical training, student has their experience about the real work and manages every work that has done in work live. In practical training also, student also should do the report about their experience during the practical training that related with a case study that they have done.

Besides that, students also have new knowledge and more information that can get from site visit and knowledge from an owner company such as get knowledge about Standard Specification for Building Works of JKR, Bill of Quantities and Document Contract of JKR. Practical student also get knowledge to do the report list of the project that still ongoing and had be done. Moreover, practical training also teaches student more discipline in their work and more punctuality in time to manage the schedule of work. Report of this practical training also can use as a guidelines to student to refer in work soon.