

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

TITLE OF REPORT: MATHOD OF FORMWORK PREPARATION AND REMOVAL.

MUHAMMAD ZULHILMI BIN MUHAMAD (2011838572) DIPLOMA IN BUILDING SURVEYING

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.

Prepared By:

.....

(MUHAMMAD ZULHILMI BIN MUHAMAD)

Date:

Approved By:

.....

(EN. IRWAN BIN MUHAMMAD ALI)

Supervising Lecturer

Date:

ACKNOWLEDGEMENT

I am grateful to the Almighty for His blessings and a divine His grace because I successfully finished the practical training at Jannack Consultants Sdn. Bhd. Company, Kuala Terengganu for at least 15 weeks starting from 25 November 2013 until 29th March 2014, as was obliged by the Department of Building Surveying, for all student of Building Surveying the session 2013/2014.

Firstly I would to say a millions thank for goes to all our energy, guidance, encouragement, advice and ideas that have been devoted to me during my practical training in the company. Surely all the knowledge that was given to me will be used at the best for my future to face the world of work.

I would like to express my sincere appreciation and thanks Ir. Mr. Mohd Johari bin Awang Civil Engineer for allowing me to have my practical training session in your company. Also does not forget to Mr. Omri bin Omar as a Technician Engineer (Building), which tend to educate and guide me during my stay there. Thanks to all the other staff, Solleh Mr. Zaki Bin Hj (Project Site Supervisor), Mr. Iskandar Bin Ali (Resident Architect), Mr Maarof Bin Ismail technical engineer (Building), Ng Poh Loke (KTS site supervisor), Ms. Norzieana Binti Roslan, and Ms. Rohaizainy Binti Zainuddin for tutoring and guiding me in carrying out tasks and help me in completing all the problems that occur during a practical training session.

Lastly, I would like to thank my parents, friends, and students of UiTM which also makes practical training in the same company as often encourage and giving suggestions on the report for me.

ABSTRACT

This report briefly describes the processes and methods involved in the construction and installation of formwork . It is produced based on the experience of the past four months stationed at the project site . . This report is divided into sections and begins with the background and the background of the construction project. Observed that the construction formwork is not as easy as it looks . It involves many parties and the construction of a very complex process . In this report , describe the types and major components of formwork . Then described in more detail about the methods involved and used in construction formwork including construction, mounted with shaped plywood box , followed by finishing work such as tie formwork with steel that looks neat . Formwork during the construction process is underway , a number of problems associated with the method of construction is the lack of assembly tools such as reinforcement bar , shortages, delays in installation and so on . Finally, the report is to describe in more detail the process and the practical construction of formwork for the reader.

TABLE OF CONTENTS

| CONTENTS | PAGE |
|------------------------|---------|
| Declaration | Ι |
| Certificate of student | II |
| Acknowledgement | III |
| Abstract | IV |
| Table of Contents | V-X |
| List of Photo | XI-XIII |
| List of Table | XIV |
| List of Chart | XIV |

CHAPTER 1 | INTRODUCTION PRACTICAL TRAINING |

| 1.1 | Introduction of practical training | 1 |
|-----|------------------------------------|---|
| 1.2 | Overview | 2 |
| 1.3 | Objective | 3 |
| 1.4 | Purpose of practical training | 4 |
| 1.5 | Methodology of report | 5 |
| 1.6 | Summary | 6 |