



**DEPARTMENT OF BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA
CAWANGAN PERAK
KAMPUS SERI ISKANDAR**

**CONSTRUCTION PROCESS OF REINFORCED CONCRETE BEAM
(COMPLETE)**

**MUHAMMAD SYAZWAN BIN AZMAN
(2015830242)
DIPLOMA IN BUILDING SURVEYING**

**PRACTICAL TRAINING REPORT
MARCH – JULY 2018**

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.

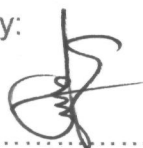
Prepared By:



.....
(MUHAMMAD SYAZWAN BIN AZMAN)

Date: 4/7/18

Approved By:



.....
(SR. EN. MOHD KHAZLI ASWAD KHALID)

Date: 3/7/18

ACKNOWLEDGEMENT

The internship opportunity I had with Atira Development Sdn. Bhd was a great chance for learning and professional development. Therefore, I consider myself as a very lucky individual as I was provided with an opportunity to be a part of it. I am also grateful for having a chance to meet so many wonderful people and professionals who led me through this internship period.

Firstly, I would like to thank to ALLAH SWT because with His blessing, I finally finish my practical training report on time. I also would like to express highest gratitude to all those who have given the assistance and cooperation in many forms whether it is in terms of physically or technically in the completion of this report.

Bearing in mind previous I am using this opportunity to express my deepest gratitude and special thanks to my supervisor of Atira Development Sdn. Bhd who in spite of being extraordinarily busy with her/his duties, took time out to hear, guide and keep me on the correct path and allowing me to carry out my project at their esteemed organization and extending during the training.

I express my deepest thanks to my supervisor which is En. Zulrushdi Bin Mohamad, Atira Director for taking part in useful decision & giving necessary advices and guidance and arranged all facilities to make life easier. I choose this moment to acknowledge his/her contribution gratefully.

My thanks are especially dedicated to Sr. En. Mohd Khazli Aswad Khalid and Sr. En. Mohd Nurfaizal as supervisor and coordinator practical training for the lesson that they

TABLE OF CONTENTS

CONTENTS	PAGES
FINAL DRAFT	
DECLARATION BY STUDENT AND SUPERVISOR	
ACKNOWLEDGEMENT	I-II
TABLE OF CONTENT	III-V
LIST OF FIGURES	VI
LIST OF TABLES	VII
LIST OF PHOTO	VIII-IX
LIST OF CHART	XI
ABSTRACT	XII-XIII
CHAPTER 1: INTRODUCTION	
1.1 INTRODUCTION	1
1.2 COMPANY PROFILE	2
1.3 COMPANY BACKGROUND	3
1.4 COMPANY DIRECTOR PROFILE	4
1.5 OBJECTIVE, VISION AND MISSION	5
1.6 PROJECT BRIEF	6-7
1.7 ORGANIZATION CHART	8
1.8 SCOPE OF WORK	9-10
1.9 KEY PLAN, LOCATION PLAN AND SITE PLAN	11-12
1.10 LIST OF SUPPLIERS OF GOODS AND CONSTRUCTION MACHINERY	13-18
CHAPTER 2: LITERATURE REVIEW	
2.1 INTRODUCTION TO BEAM STRUCTURE	19-20
2.2 OBJECTIVE OF BEAM STRUCTURE	21
2.3 FUNCTION OF BEAM STRUCTURE	22
2.4 FACTOR THAT NEED TO BE CONSIDERED OF DESIGNING BEAM STRUCTURE	23
2.5 TYPES OF BEAM STRUCTURE	24-27

ABSTRACT (SYNOPSIS OF REPORT)

This report content is all about the information about my case study through practical training under company Atira Development Sdn Bhd during the four months of practical training. The topic that I have choose to complete my practical training report is construction process of reinforced concrete beam because the stage of construction project in undergoing is the superstructure work.

This report has a 5 chapter which included all information about the company, general information about case study, information about case study which is focus on specific topic that I have choose, and also problems and recommendation that have been analyzed. The first chapter in this report is detail of information of the company. In this chapter, all the general information about the background of the company and the organization that owned by company that I choose to undergo the practical training. It also contains information about the scope of work about this company, objective, mission, vision, location, and also panel company which is involved with the company Atira Development Sdn Bhd.

The second chapter give out information about the literature review based on my case study. All the general information and overview about the topic that I have choose is included in this chapter. It content about the definition, types and others. The third chapter list out all the information about my case study that have get from my observation and learning with my real experience at the construction site that I have involved under company Atira Development Sdn Bhd. It content about the specific information that I get through practical training such as method of construction, step by step what should do with orderly.