



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

**RAFT FOUNDATION PROCESS FOR SCHOOL CONSTRUCTION IN PASIR MAS,
KELANTAN**

**MUHAMMAD EL-HUSAIRI BIN ABDUL RONI
2015814748
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 EL-HUSAIRI BIN ABDUL RONI)

Date:

Approved By:

.....

Date

ACKNOWLEDGEMENT

First of all I would like to express my gratitude to ALLAH S.W.T. who provide me a well condition to complete this report. A special gratitude that I give to my coordinator for my Industrial Training, Sr. Nazhatulzalkis Jamaludin who contribute in stimulating suggestion and encouragement and always helped to answer any of my curiosity along my Industrial Training.

Special thanks to my supervisor Sr. Wan Samsul Zamani Bin Wan Hamdan, which is guiding me since the first day of this report has been made till the last day of the submission and who is invested his full effort in guiding me in order to complete this report.

Other than that I would like to thanks to the staff at JKR PASIR MAS KELANTAN for giving cooperation, teaching and assisting me in doing work at office and because of them I have learned something new at the office and site.

Lastly is a special thanks goes to my parents and family who supporting and giving a positive vibes in order to completing this report

TABLE OF CONTENT

CONTENT	PAGE
DECLARATION BY STUDENT AND SV	I
ACKNOWLEDGEMENT	II
TABLE OF CONTENT	III - IV
LIST OF FIGURE	V
LIST OF CHART	VI
LIST OF TABLE	VII
ABSTRACT	VIII
CHAPTER 1: DETAIL OF THE COMPANY	1
1.1 INTRODUCTION AND COMPANY BACKGROUND	1 - 2
1.2 LOGO AND LOCATION PLAN	3
1.3 VISION AND MISSION	4
1.4 SCOPE OF WORK	5
1.5 ORGANIZATION CHART	6
CHAPTER 2: THEORETICAL STUDY / LITERATURE REVIEW	7
2.1 DEFINITION OF FOUNDATION	8
2.2 FUNCTION OF FOUNDATION	9 – 10
2.3 FACTOR THAT AFFECT THE SELECTION OF FOUNDATION	10 – 14
2.4 FOUNDATION CONSTRUCTION REQUIREMENT AND CAUSES OF FOUNDATION FAILURE	15
2.5 TYPES OF FOUNDATION	16
2.5.1 PAD FOUNDATION	16 - 18
2.5.2 STRIP FOUNDATION	19
2.5.3 RAFT FOUNDATION	20

ABSTRACT

The purpose for this Practical Training (BSR 360) is to make sure what I have learn from 1st Semester till 5th Semester can be applied during my internship. The other reasons is to gain a new knowledge and experience in my workplace and how to communicate with people and co- worker. It is compulsory for building survey to carry this report because it gave 40% from total mark before we graduate.

As conclusion by doing this Practical Training, I gain more information and knowledge about the how to manage project, sell quotation document and much more. I fell so glad because from this internship, I have knew everything on how to solve problem, how to work with professional workers and others. I hope that this report which has been done are followed requirement that are need by task and lecturer are satisfied with my report.