

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

CONSERVATION WORKS OF HERITAGE BUILDING (COMPLETE)

> NURUL SYAZWANI BINTI ZAINUDIN (2014435506) DIPLOMA IN BUILDING SURVEYING

PRACTICAL TRAINING REPORT DECEMBER 2016 – MARCH 2017 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:

.....Hurul Apazwani..... (NURUL SYAZWANI BINTI ZAINUDIN)

Date:

Approved By:

(PUAN ZURAIHANA BINTI AHMAD ZAWAWI)

Date:

## **TABLE OF CONTENT**

NO.	CONTENT	PAGES
1	Table of Content	1
2	List of Picture	4
3	List of Drawings	10
4	List of Table	11
5	List of Diagram	11
6	Acknowledgement	12
7	Abstract	13
8	Introduction	14
	A. Company Background	15
	B. Location	16
	C. Organizational Chart	17
	D. List of Project	20
	Interior Design Works	20
	Conservation Works	23
	E. Project on going	26
9	Chapter 1: Literature Review	31
	1.1 General definition	32
	1.2 Conservation of heritage buildings	36
	1.2.1 Criteria for listing heritage building	38
	1.2.2 Methods of Building Conservation	39
	1.2.3 Factors Deteriorating Heritage Building	40
	1.3 Objectives of conservation works	44
	1.3.1 Understanding Heritage Values	45
	1.4 Profession involves in conservation works	48
	1.5 The role of professional advisor	50
	1.5.1 The importance of professional advice	50
	1.6 Conservation Principles	51
	1.7 Flow of sequence of conservation works	57
	1.8 Structural Conservation	59

## **ACKNOWLEDGEMENT**

First of all, praise is to Allah, the Almighty for the blessing and mercy that had been given to us, health and inspirations during our study. So, I can complete this final project. Without Him, we couldn't stay patient and in control in writing this final project from the first page to the last page.

Second, Shalawat and Salam always to our beloved prophet Muhammad PUBH, the last prophet and the prophet who had brought us from the darkness to the lightness.

It is a genuine pleasure to express my deep sense of thanks and gratitude to my lecturer, supervisors Puan Zuraihana Binti Ahmad Zawawi whose expertise, understanding, generous guidance and support made it possible for me to work on. Their dedication and keen interest above all their overwhelming attitude to help his/her students had been solely and mainly responsible for completing my work. Timely advices, scholarly advice and scientific approach have helped me to a very great extent to accomplish this task.

Also thank profusely all the staff of Anjung Teknik located at Malacca especially manager of the company which is Encik Kamarudin bin Md Said, Miss Syarifah Aziemah Binti Syed Hassan which is my supervisor and the colleagues in the company for their help and co-operation thought out our final project report.

Thanks to my friends and family for support and give an advice to finish this final project report. They have helped me in many way such us giving me guideline and information how to create an excellent report.

Finally, I realize that there are so many short comings in this study in spite of all my efforts. Therefore, I would be very grateful for any corrections, comments, and criticism from all readers to improve this project.

## **ABSTRACT**

Anjung Teknik is one of conservation company located in Malacca which is specialised in conservation works especially for heritage buildings such as museum, trade fair, palace, and historical buildings. The speciality of this company is the employee major in architectural and building survey context. The main task of Anjung Teknik is doing the report of all conservations works either before construction, during construction and after construction of some buildings. The building that always be conserve have been certificate as a historical building by important parties such as UNESCO World Heritage Centre and parties involve in preserver of the building in the World. These efforts of works is to save the building from abandon, liquidated and lost the value of the buildings of some places. Different building have different history and their story in it. It is a specialized for the historical building especially for certificate heritage buildings.