

**CENTRE OF STUDIES FOR QUANTITY SURVEYING
FACULTY OF ARCHITECTURE, PLANNING & SURVEYING
UNIVERSITI TEKNOLOGI MARA
CAWANGAN SARAWAK**

**THE AWARENESS ON CRIME PREVENTION
THROUGH ENVIRONMENTAL DESIGN IN THE
CONSTRUCTION INDUSTRY**

Final Project submitted in partial fulfilment the requirement for
the award of Bachelor of Quantity Surveying (Honours)

**PREPARED BY: NUR FARAH AIMI BINTI ROTHMAN
(2018425638)
SEMESTER: MARCH 2020 – JULY 2020**

DECLARATION

“I declare that this Final Project/dissertation is the result of my own research and that all sources are acknowledged in the references”

Student's signature : 

Student's name : Nur Farah Aimi Binti Rothman

Date : 26th June 2020

ABSTRACT

A city with a low quality sustainable environment and lack of improvement in the built environment will increase the crime rates and fear of crime. This issue arose due to the arrangement of the streets, the layout designed of the buildings, and other outdoor space which summed up the level of criminal activities. Therefore, the responsibility and awareness of the town planners, architects, and developers to undertake the precaution during the development of the areas are much needed. The research aims to study on the awareness of the crime prevention through environmental design (CPTED) and understanding the application of it. Thus, to identify the strategies of CPTED, and to identify the benefits and barriers of CPTED in the construction industry. CPTED should be introduced in the construction industry to help reduce the crime rate and fear of crime. The objective can be achieved by using data collection such as a literature review and questionnaire survey are distributed to the town planners, architects, and developers in Kuching City. These findings will be analyzed using SPSS. The findings suggest that the construction players are not aware of the principle of CPTED due to the lack of information, knowledge, and skill. But, although the construction players have not recognized as the principle of the CPTED, most of the current project development is implemented with the concept of CPTED such as surveillance, activity support, territorial, access control, and maintenance and management. Therefore, the research result can be used to improve the awareness of the CPTED in the construction industry.

Keywords: Crime Prevention Through Environmental Design (CPTED), Sustainable Development, Design

TABLE OF CONTENTS

ABSTRACT	ii
ACKNOWLEDGMENT.....	iii
LIST OF FIGURES	x
LIST OF TABLES	xiv
LIST OF ABBREVIATION.....	xviii
CHAPTER 1 INTRODUCTION	1
1.0 INTRODUCTION.....	1
1.1 RESEARCH BACKGROUND	1
1.2 RESEARCH PROBLEM	3
1.3 RESEARCH AIM.....	5
1.4 RESEARCH OBJECTIVE.....	5
1.5 RESEARCH QUESTION.....	6
1.6 RESEARCH SCOPE.....	6
1.7 RESEARCH METHODOLOGY	7
1.8 RESEARCH METHODOLOGY FLOW	9
1.9 RESEARCH STRUCTURES	10
1.10 CONCLUSION	11
CHAPTER 2 LITERATURE REVIEW.....	12
2.0 INTRODUCTION.....	12
2.1 SUSTAINABLE DEVELOPMENT	13
2.1.1 Environmental Sustainability	16
2.1.2 Economic Sustainability	16
2.1.3 Social Sustainability.....	17
2.2 SUSTAINABLE DEVELOPMENT IN MALAYSIA.....	18
2.3 THE NATURE OF CRIME AND FEAR OF CRIME	20
2.4 CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN (CPTED).....	24

CHAPTER 1

INTRODUCTION

1.0 INTRODUCTION

This chapter discusses the research background, problem statement, aim, objectives, research questions, research scope, research structure, and research methodology, and research methodology flow.

1.1 RESEARCH BACKGROUND

After a few centuries, the crime rate increases unexpectedly until it reaches the level of fear of crime. As what Nasar & Jonas (1997) said it has been leading to making the occupants or society conquer the feeling of the fear of the crime became increasing and making they think that the area of their house is not safe at all. According to Shamsuddin & Hussin (2013), they explained that one of the contributing harm to social development is the fear of crime and crime. Better quality of life is very important in creating a sustainable city due to the ability to stimulate the pattern of the social life and also affect the mindset of the society which results in success and stimulates the growth of a city. Shamsuddin & Hussin (2013) also mentioned that cities that free from any criminal activities will allow generating a prosperous economy with exceptional human resources. The impact of physical changes in urban spaces will gives a significant effect to the quality of social life. As Halimatun Saadiah (2000) said, it also affects the safety and health of residents and minimizes a comfortable living environment and has an impact on social values. It is possible to create safe urban planning and environmental climate by applying the sustainability concept and human emphasis which is the sustainable people-centred model of the environment.