

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

REFURBISHMENT: A STUDY OF CRITICAL FACTOR TO BE CONSIDERED FOR BUILDING REFURBISHMENT

This academic project is submitted in partial fulfillment of the requirement for the Bachelor Of Building Surveying (Hons.)

NOR AIN BT. MOHD NOR (2007122563)

OCTOBER 2009

ABSTRACT

This paper focuses on the refurbishment factor to be considered before carried out building refurbishment and issues related to refurbishment. As today, most people wish to preserve their heritage building and have attached them to the idea of refurbishment, more for economic reasons than reasons for historical and heritage. Building refurbishment scope is much wider and nowadays has been apply to variety of building include residence, office, hotel, restaurant, gallery and others. But before refurbishment conducted, the clients will firstly consider factors influence their decision. Based on the research that has been conducted to client and consultant, cost of finance to the whole project (economy) is the critical factor to be considered for building refurbishment as compared to others factors. This factor is important because the work is done to gain profit from the expenditure and act as future investment to building.

TABLE OF CONTENTS

ACKNOWLEDGEMENT		i
ABSTRACT	Γ	ii
Chapter 1: l	ntroduction	
1.1	Building Refurbishment	1
1.2	Problem Statement	3
1.3	Objective of study	5
1.4	Methodology	5
	1.4.1 Planning stage	
	1.4.2 Data collection stage	
	1.4.3 Analysis Stage	
1.5	Research	7
1.6	Scope and Limitations	9
Chapter 2: 1	Building Refurbishment	
2.1	Introduction	12
2.2	The Need for Building Refurbishment	13
	2.2.1 Policies and Legislation	
	2.2.1.1 Antiquity Act 1976	
	2.2.1.2 Town & Country Act 1976	
2.3	The Factor to be considered Before Carried	
	Out Refurbishment Work	21

2.4	The Problem in Refurbishment Work	39		
2.5	Advantages of Refurbishment Work	42		
Chapter 3: Case Study				
3.1	Introduction	45		
3.2	Methodology	45		
	3.2.1 Layout in Questionnaire			
	3.2.2 Owner/Tenant Questionnaire			
	3.2.3 Consultant Questionnaire			
	3.2.4 Likert Scaling Method			
	3.2.5 Frequency Analysis Method			
3.3	Respondents	53		
	3.3.1 Consultant			
	3.3.2 Building Owner / Tenant			
3.4	Case Study Background	54		
	3.4.1 Refurbish Building			
	3.4.2 Building Refurbishment Consultant			
Chapter 4: Case Study				
4.1	Introduction	60		
4.2	Analysis of Questionnaire	60		

	4.2.1 Finding for Questionnaire for Owner/Tenant	
	4.2.2 Finding for Questionnaire for Consultant	
5.1	Findings	79
5.2	Conclusion	84
	5.2.1 Building Owner	
	5.2.2 Consultant	
REFERENCES		86
APPENDIX		