

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

METHOD TREATMENT FOR DECORATIVE FACADE/ORNAMENTATION ON SHOP HOUSES

KU ANITA TUAN YUSOFF (2006611595)

BACHELOR OF BUILDING SURVEYING (HONS)

MAY 2009

ABSTRACT

Shop houses date back for many years and many are in relatively poor condition yet they resemble a distinctive look and style influenced by certain architectural background ranging from the pre-colonial years through colonial times and later to the independence of Malaysia. The façade which is a 'statement' of the shop houses, other than giving the artistic view, is a very important element in shop houses. Nevertheless, no matter how interesting it looks and tedious work molding the shape or carving, it receives the same deterioration/defects over the years. In respect to the heritage value, there are different ways for the treatment of defects and conservation to regain the budding and high level of authenticity. For that reason this dissertation is to identify common defects, causes, treatment and constraints, as well as the alternative ways to overcome the constraint or satisfying way to maintain a degree of authenticity on the treated façade of shop houses. In achieving the objective of this dissertation, a compilation of data was collected from the survey questionnaire that was created from the pilot studies that derive from a few of case studies. From the data collected, it was then being analyze and findings were determined which later derive the conclusion of the dissertation.

TABLE OF CONTENT

			page	
AKNOWLEDGEMENT				
ABSTRACT			ii	
LIST OF FIGURES				
CHAPTER	1 – INT	RODUCTION		
1.1	Introd	uction	1	
1.2	Objec	tives of study	3	
1.3	Scope	Scope of study		
1.4	Metho	Methodology of study		
1.5	Limit	Limitations		
CHAPTER	2 – ORI	NAMENT		
2.1	Ornamentation		6	
	2.1.1	History on ornament	6	
	2.1.2	Ornament on façade	7	
2.2	Shop	houses facade ornamentation	9	
	2.2.1	Early shop house typical layout design	11	
		2.2.1.1 Façade Colors	14	
		2.2.1.2 Façade Ornamentation	14	

	2.2.2	Styles of early shop houses	15			
	2.2.3	Types of omamentation on shop houses	24			
		2.2.3.1 Motifs	24			
	2.2.4	Material composition	30			
		2.2.4.1 Wooden shop houses	30			
		2.2.4.2 Bricks/Masonry shop houses	32			
		2.2.4.2.1 Stucco	33			
		2.2.4.2.2 Plasterwork	35			
	2.2.5	Usage of omamentation	40			
		2.4.5.1 Significant and aesthetic values	40			
CHAPTER 3 – DEFECTS ON ORNAMENTATION						
3.	l Type	Types and causes of defects 44				
	3.1.1	Stuccowork	52			
		3.1.1.1 Plasterwork	53			
	3.1.2	Woodwork	57			
	3.1.3	Metalwork	62			
3.2	2 Treati	ment for defects and constraint	65			
	3.2.1	Treatment for stuccowork	66			
		3.2.1.1 Treatment for plasterwork	67			

	3.2.2	Treatment for woodwork	76	
		3.2.2.1 Routine maintenance	79	
		3.2.2.2 Stabilization	82	
		3.2.2.3 Splices and parts replacement	84	
		3.2.2.4 External painting	85	
	3.2.3	Treatment for metals	86	
	3.2.4	Constraint in material and time	90	
	3.2.5	Constraint in skills and labor	91	
	3.2.6	Alternative method treatment	93	
	3.2.7	Justifications on treatment	100	
CHAPTE	R 4 – CAS	SE STUDIES		
4.1	Introd	Introduction		
4.2	Case	Case study 1		
	4.2.1	Introduction	104	
	4.2.2	Defects on façade omamentation	105	
	4.2.3	Causes of defects	117	