STREETS

to go. to see. to do.

by

Lim Hsin Ie
HD99-1244E

Submitted to School of Architecture
on 29 November 2000
In partial fulfilment of the requirements for the degree of
Master of Architecture

Abstract

This study focuses on the effects of man's behaviour on the street by taking the concept of man-environment behaviour as a starting point. It does not include all the variables that influence street design and limitations and scope of the study has to be narrowed down in order to give it depth. From there, activities in the street are categorised and cues that support such activities are determined. The elements that facilitate the legibility of these cues are then tested against the case study of Bugis Street.

The second chapter tries to define the street and its functions from different points of view. It introduces the concept of man-environment behaviour, by Rapoport, with respect to street use and the different kinds of activities in streets. Suggestions on the kind of cues that are required to support different kinds of activities in the street are given. Finally, this is supported by the elements that are required to facilitate the legibility of cues.

Chapter three elaborates on the relationship of man-environment behaviour and street use. It tries to explain the relationship between rapid movement, destination and legibility in physical connection. The relationship between slow movement and visual stimulus with visual, smell and aural stimulus. And lastly the relationship between static behaviour and participation in activities with appropriate cultural settings.

Chapter four is a documentation of a case study of the pedestrianised mall stretching from New Bugis Street to Waterloo Street. A framework of evaluation is established to analyse the success of the street in question. The deduction from the study that clarity of cues and elements that support such cues are very important in determining whether the environment support or inhibits certain activities in the street.

The last section attempts to give recommendations on street use and design based on the framework of evaluation in chapter four.

Dissertation Supervisor: Assoc Prof Heng Chye Kiang (Dr)
Title: Vice Dean, School of Design and Environment