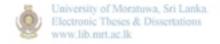
THE SOCIAL SIGNIFICANCE OF 'PLACE' IN URBAN DESIGN

A STUDY OF 'AROUND PLACES' IN TWO SELECTED URBAN ENVIRONMENTS

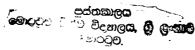
A DISSERTATION SUBMITTED TO THE UNIVERSITY OF MORATUWA AS A PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN ARCHITECTURE



74075

N.D. MARASINGHE
DEPARTMENT OF ARCHÍTECTURE
UNIVERSITY OF MORATUWA

MAY , 2000





72 "00"



THE COLUMN STA

74075

ABSTRACT

Architecture is primarily the basic expression of humanity.

Architecture creates places; because places have a great emotional bond with people. This bond can be explained by the phenomenon of place and the presence of 'significant places'.

Place is a significant spatial experience with man's emotional attachments to physical environments, attachment between intimate persons, attachments with imaginary spaces etc.

'Around Place', being one of the kinds of places, which is formed by a strong central feature.

However, today due to rapid urbanization and haphazard development, there is a lack of interest in these 'places' in urban design.

So the main objective of this dissertation is to promote awareness of the social significance of these places to improve the quality of urban environments.



ACKNOWLEDGEMENTS

During the months spent on this study, many extended their unlimited support and cooperation, which finally made this endeavour a success. Hence I would like to take this opportunity to thank those whose contribution meant a great deal in presenting this dissertation

I wish to express my gratitude to Prof. Nimal De Silva, Head of the Department of Architecture, for the kind guidance extended at the crucial stages of the study.

Dr. Ranjith Dayarathna, Senior Lecturer, Faculty of Architecture - my tutor, for his unlimited and invaluable patience, kindness and guidance extended and also criticism given throughout the study, without which I may not have come this far.

Architect Dr. Ranjith Perera for the kind advice given in the early stages of the study.

The other members of the staff of the Department of Architecture for the continuous guidance, incisive comments, patience, and inspiration given to me and directing many aspects of my study. I am extremely grateful for all their help and for their time and effort extended to me in the preparation of this dissertation.

Gamini and Priyanthi for being with me throughout the study in all stages of progress without whose advice, criticism, and support, this study would not have been a reality.

Chaminda my brother, and Rathnamalala, who sacrificed their valuable time in accompanying me for taking photographs and lending me their valuable equipment.

Special thanksaredue to Mr and Mrs Daya Rajapakse for helping me in computer typing

Finally, to my family, for all the support, courage, understanding and most

of all the love, extended in my journey so far.



LIST OF CONTENTS

	PAGE
ABSTRACT	
ACKNOWLEDGEMENTS	
LIST OF PLATES	
LIST OF FIGURES	
CHAPTER ONE	
1.00 Introduction	1
Importance of the study	1
Background of the study	2
The Research	3
The Theoretical basis	4
Method of the study	5
Objectives of the study	5
Concluding remarks	6
Chapter references niversity of Moratuwa, Sri Lanka. CHAPTER TWO Chapter references niversity of Moratuwa, Sri Lanka. Electronic Theses & Dissertations www.lib.mrt.ac.lk	7
2.00. Place and its social significance	8
2.1the concept of place	8
2:2. Personal identity and experience of 'Around place'	11
2.3. Cultural evidence of 'Around place'	13
Concluding remarks	21
Chapter references	
CHAPTER THREE	
3.00. Aspects of 'Around place' in urban design	23
3.1.0. urban design and people	23
3.2.0. Sense of place in urban design	25
3.3.0. Around place as an urban design aspect	26
Concluding remarks	32
Chapter references	

CHAPTER FOUR

4.00. Design principles for making 'Around place'	34
Introduction	
4.1. Character of a place	34
4.2. Forms of 'Around places'	35
a 'Around place' formed by a point element	
b 'Around place' formed by a built form	
c 'Around place' formed by an open space	
Concluding remarks	44
Chapter references	
CHAPTER FIVE	
5.00. Case study - 'Around places' in Kandy and Colombo urban	
environments	46
Introduction	
Research methedology	
5.1.0 'Around places' in Kandy inner city University of Moratuwa, Sri Lanka.	48
5.1.1 Formed by a point element - Clock Tower a. Physical setting	49
b. The social significance	
5.1.2. Formed by an open space - Kandy Lake	52
a. Physical setting	
b. The social significance	
5.1.3 Formed by a built form - Temple of the Tooth relic	55
a. Physical setting	
b. The social significance	
5.2. 'Around places' in Colombo inner city.	60
5.2.1. Formed by a point element -Bo - Tree junction-Petatah	60
a Physical setting	
b The social significance	
5.2.2. Formed by an open space – Beira Lake	62

5.2	3. Formed by a built form - The Independence square	65
	a Physical setting	
	b The social significance	
	Concluding remarks	68
CONCLUSIONS		69
BIBLIOGRAPHY		72



LIST OF PLATES

PLATE	PAGI
CHAPTER TWO	
2.3. [1] Relaxing around a monument	15
2.3- [2] The Piaza del Popolo –Rome	15
2.3[3] Cultivation around the temple	15
2.3 -[4] Village setting around the lake	16
2.3 .[5] KA'BA the center of Islamboth makes the sacred around place.	16
2.3. [6] Stupa forms sacred space around it.	17
2.3. [7] Bo Maluwa	17
2.3. [8] Sigiriya	17
2.3. [9] Palace Vendome	18
2.3. [10] Dehiwala junction	19
2.3. [11] Khan memorial clock tower- Pettah	19
2.3. [12] Bo-Tree junction- Punchi Borella	20
CHAPTER THREE	
3.2[1] The Piazza Del Campidoglio—Rome University of Moratuwa, Sri Lanka.	25
3.3[2] Around place for waiting and relaxation in congested urban setting	26
3.3 [3] Banyan tree Colombo university	26
3.3 [4] Node in Kandy City	27
3.3. [5] Fountana de Neptuno- Berlin	27
3.3[6] Boston Mass –USA	28
3.3[7] The Trivium of the Rondell -Berlin	30
3.3[8] CologneGermany [master plan]	30
3.3. [9] Turgot Plan –Germany Paris	31
CHAPTER FOUR	
4.2. [1] Around place formed by a circular plane uses to gather around	36
4.2[2] ST Peter's Rome	37
4.2{3 Stupa	38
4.2[4] Tokyo DomeJapan	38
4.2.[5] Hamina- Finland	38



4.2. [6] Via dell 'Impero – Rome	39
4.2[7] Mummers Theatre	40
4.2[8] Xerox Center - Chicago	40
4.2[9] Museum of civilization Hull –Canada	42
4.2. [10] Ashram – the city of Auroville	42
4.2[11]	43
4.2[12]	43
CHAPTER FIVE	
5.1[1] Clock towerKandy	49
5.1[2] Clock tower from the George E. De Silva park	50
5.1[3] Beginning of the market street	50
5.1[4] Clock tower Symbolizing the waiting place for the passengers.	51
5.1[5] George E De Silva Park	51
5.1[6] George E De Silva Park	51
5.1. [7] City around the lake [part]	52
5.1. [8] City around the lake [part]	52
5.1[9] Road around the lake University of Moratuwa, Sri Lanka.	53
5.1[10] Edge of the lake	54
5.1[11] Pedestrian path around the lake	55
5.1[12] Walkway with the lake edge	55
5.1[13] Walkway with the lake edge	55
5.1[14] Arial view of the temple	57
5.1[15] Front elevation of the temple.	58
5.1. [16] Temple from the beginning of the Mahamaluwa.	58
5.1[17] Entrance path to the temple along the Mahamaluwa.	59
5.1[18] Mahamaluwa-Kandy	59
5.1[19] Mahamaluwa	59
5.2[20] B0 tree junction-Pettah	61
5.2[21] B0 tree and the central bus terminal from the manning Market	63
5.2[22] B0 Tree junction	61
5.2[23] Bo tree junction	62
5.2[24] Panoramic viewEast Beira	62

5.2[25] View of Beira lake	64
5.2[26]Independence Hall side elevation	66
5.2[27] Independence avenue from the main hall	66
5.2[28] Grass turf around the hall	67
5.2[29] Elevated plane in front of the hall	67
5.2 4301 Solid steps around the hall	68



LIST OF FIGURES

FIGURE	PAGE
CHAPTER TWO	
2.1[1] Original point on Cartesian grid	9
2.1[2] Symbolic geometric center	10
2.1[3] Upright human body and space	10
2.1[4] Place around the vertical axis in Stupa construction	11
2.1[5] Mountain tops symbolized the heart of a place or a city	11
2.2[6] Experience a house around the table	12
2.3[7] Representation of the around place of the African tribes	14
2.3[8] A Small village layout around central court yard in North –western Ceylon	15
2.3[9] Sigiriya- lay out plan	. 18
CHAPTER THREE	
3.1- [1] A haptic Middle Eastern town	23
3.1[2] Plazza Del Campo -SIENA	24
3.1- [3] The Amalienborg-Copenhagen	25
CHAPTER FOUR University of Moratuwa, Sri Lanka. Electronic Theses & Dissertations www.lib.mrt.ac.lk	
4.2[1] A point demarcates its around place	36
4.2- [2] Circulation pattern around the circular plane	36
4.2[3] Circulation pattern around the cylinder	36
4.2[4] Tree and its place around	37
4.2- [5] Place around the spherical object	37
4.2[6] Plan of a square building and its generated around place	39
4.2[7] Irregular Provides different social environments for the around place	. 40
4.2[8]Vertical mass	41
4.2[9] Protective form of verticality	42
CHAPTER FIVE	
5.1[1] Kandy inner city plan	48
5.1[2] Clock tower junction	49
5.1[3] Kandy city plan around the lake	52

5.1[4]	Temple and its place around	56
5.1. [5]	Temple of tooth relic -conceptual plan	57
5.2[6]	Lay out plan -Bo-tree junction	60
5.2[7]	Location plan -Beira Lake	63
5.2[8]	Independence hall and its surround	65

