

**UNIVERSITI TEKNOLOGI MARA
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
DEPARTMENT OF INTERIOR ARCHITECTURE**

APRIL 2010

It is recommended that this project report prepared

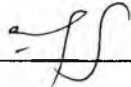
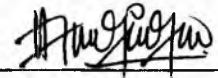
by

SITI NUR AMANINA BINTI SUKARNO

titled

**PROPOSED UPGRADING DOWN SYNDROME KIDS' CENTRE
FOR PERSATUAN SINDROM DOWN MALAYSIA
AT 79, LINGKUNGAN U-THANT, 55000 KUALA LUMPUR.**

accepted in partially fulfillment of the requirements for a Diploma in Interior Design

Report Supervisor :  23/04/10 Cik Noorul Nadya Shaharum
Course Coordinator :  27-4-2010 Pn. Azizah Md Ajis
Programme Coordinator : _____ Dr. Ahmad Marzukhi Monir

ABSTRACT

Every design stage should be completed thoroughly to ensure a successful down syndrome kids' centre design. The design objective of the project, site suitability, and the project requirements are analyzed to avoid lack of understanding that will lead to bad design. Other than that, the determining of concept and images play important parts in design as they act as guideline to the design proposal. If these factors are being neglected, there are possibilities for the down syndrome kids' centre to be ignored by the public and left abandoned. In order to make sure a perfect design planning, the basic design aspects such as the comfortability of each space, ergonomics and anthropometrics, and psychological factors must be taken into consideration. At the same time, all of the data collections should be implemented in the design process so that the concept and image of excitement interior will be reflected in the design. Through the proposed interior design of down syndrome kids' centre for Persatuan Sindrom Down Malaysia, it is hoped that Persatuan Sindrom Down Malaysia will achieve its objective which is to give the children education and speciality in their life.

Abstract	i
Acknowledgement	ii
Contents	iii
List of Tables	v
List of Figure	vi
List of Photo	ix
List of Appendices	xi

CONTENTS			PAGES
CHAPTER	1.0	INTRODUCTION	1
	1.1	FOREWORD	1
	1.2	PROJECT AIM	16
	1.3	PROJECT OBJECTIVES	17
	1.4	PROJECT METHODOLOGY	18
	1.5	SCOPE OF PROJECT	19
	1.6	PROJECT OBSTACLE	20
	1.7	IMPORTANCE OF PROJECT	21
CHAPTER	2.0	CLIENT	23
	2.1	BACKGROUND OF PERSATUAN SINDROM DOWN MALAYSIA	24
	2.2	ORGANIZATION CHART OF PERSATUAN SINDROM DOWN MALAYSIA	26
	2.3	BACKGROUND OF DOWN SYNDROME KIDS' CENTRE	29
	2.4	ORGANIZATION CHART OF DOWN SYNDROME KIDS' CENTRE	30
	2.5	VISION AND MISSION	31
	2.6	CORPORATE IMAGE	32
	2.7	CONCLUSION	34

CHAPTER	3.0	RESEARCH AND ANALYSIS	35
	3.0	SITE ANALYSIS	36
	3.1	INTRODUCTION	37
	3.2	SITE AND LOCATION PLAN	38
	3.3	ENVIROMENTAL STUDY	39
	3.4	BUILDING ANALYSIS	55
	3.5	CONCLUSION	87
CHAPTER	4.0	CASE STUDY	88
	4.1	INTRODUCTION	90
	4.2	CASE STUDY 1- SPASTIC DAY CARE	91
	4.3	CASE STUDY 2- KIWANIS DOWN SYNDROME CENTRE	105
	4.4	PRECEDENT STUDY- LUCINAHAVEN TOULAV CHILDCARE	112
	4.5	PRECEDENT STUDY- ARUNJIMAKI DAYCARE CENTRE	125
	4.6	CONCLUSION	131
CHAPTER	5.0	PROJECT	132
	5.1	INTRODUCTION	133
	5.2	CLIENT'S REQUIREMENT	134
	5.3	SCOPE OF WORK	138
	5.4	CONCLUSION	145
CHAPTER	6.0	DESIGN PROPOSAL	146
	6.1	INTRODUCTION	148
	6.2	PRELIMINARY STAGE	150
	6.3	DESIGN PROPOSAL	167
	6.4	CONCLUSION	187
References			
Appendices			

LIST OF TABLES

Table 3.2.1	:	Site Potential	38
Table 3.3.4.2	:	Wind Orientation	53
Table 3.4.3.1	:	Building Structure (Wall and Opening)	67
Table 3.4.3.2	:	Building Structure (Roof)	74
Table 3.4.4.1	:	Building Finishes (Floor)	78
Table 3.4.4.2	:	Building Finishes (Ceiling)	82
Table 3.4.5	:	Building Services	86
Table 4.2.9	:	Interior Study of Spastic Day Care	101
Table 6.2.4	:	Space Inventory	156