

HIGHER TECHNICAL INSTITUTE

CIVIL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

LANDSCAPING OF H.T.I.'s GARDENS

BY

**GEORGIU GEORGIA
AND
ZAKOU MARIA**

(C/827)

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ABSTRACTING

This project is intended to examine ways for providing comfort conditions in winter and summer for the building of H.T.I.

Chapter 1

A rough description of the parts, which the building of H.T.I is composed of, was made.

Chapter 2

The elements that influence temperature were described. From some measurements obtained and with the use of the Bioclimatic chart the bioclimatic analysis for H.T.I was made.

Chapter 3

Principles and preconditions for solar were analysed. Based on the strategies for winter and summer related to the sun suggestions were given in order to provide better weather conditions. Also, with the use of the sun chart an analysis of the surveying area, was made.

Chapter 4

Wind principles were analysed. Based on the strategies for the winter and summer related to the wind, suggestions were given in order to provide better weather conditions.

Chapter 5

Based on the strategies for winter and summer related to the wind, suggestions were given in order to provide better weather conditions.

Chapter 6

With the use of photographs, suggestions were given, for all the buildings of H.T.I.

Chapter 7

Conclusions

CONTENTS

ABSTRACTING
INTRODUCTION

CHAPTER 1:

Description of Higher Technical Institute

1.0.General.....	1
1.1.Main Building.....	2
1.2 Surveying Area.....	3
1.3.Civil Engineering Department.....	4
1.4.Electrical Engineering Department.....	5
1.5.Mechanical Engineering Department.....	6
1.6.Mechanical Engineering Laboratories.....	7
1.7.Computers Studies.....	8
1.8.New Library	9
1.9.Workshops.....	10
1.10.Canteen.....	11

CHAPTER 2:

TEMPERATURE

2.0.General.....	12
2.1.Cyprus Temperature.....	14
2.2.Bioclimatic Chart and Design strategies for H.T.I.....	15
2.2.1.General.....	15
2.2.2.Reguirements, Limitations, Scope.....	15
2.2.3.Interpretation.....	16
2.2.4.Measurements-Bioclimatic Chart.....	18

CHAPTER 3:

S U N

3.0.General.....	25
3.1.Principles and preconditions for solar gain for Cyprus.....	25
3.2.Winter.....	28
3.2.1.Solar Access.....	28
3.2.2.Materials.....	30
3.2.3.Paving.....	33
3.3.Summer.....	35
3.3.1.Vegetation.....	36
3.3.2.Shading Devices.....	40
3.3.3.Reflection of Solar Radiation.....	44

3.3.4.Openings	46
3.3.5.Sun Chart.....	47
3.3.6.Surveying Area.....	56

CHAPTER 4:

WIND

4.0.General.....	59
4.1.Wind principles.....	59
4.2.Wind effects in Cyprus	60
4.3.Winter.....	65
4.3.1.Vegetation.....	65
4.3.2.Openings, cracks and joints.....	73
4.3.3.Shape and orientation	74
4.4.Summer.....	78
4.4.1.Ventilation.....	78

CHAPTER 5:

Humidity

5.0.General.....	83
5.1.Summer.....	84
5.1.1.Evaporation.....	84
5.2.Winter.....	86
5.2.1.Vapour Barriers.....	86

CHAPTER 6:

Suggestions

6.0.Main building.....	92
6.1.Civil Engineering Department.....	95
6.2.Electrical Engineering Department.....	98
6.3.Mechanical Engineering Department.....	99
6.4.Mechanical Engineering Laboratories.....	100
6.5.Computers Studies Building.....	101
6.6.New Library.....	104
6.7.Workshops.....	105
6.8.Canteen.....	108

CHAPTER 7:

Conclusions

Bioglomatic Strategies

References