



Cihan University- Slemeni

Academic year 2023-2024

First semester

5TH STAGE URBAN DESIGN

2ND LECTURE

SITE STUDY

Site Study

Site location

Historical Background

Site Condition:

A. Architectural conditions

Building Hight

Functions

Buildings age

Buildings materials

Architectural features

Structural condition

B. Visual Study

Façade typology and skyline

Location Axiality

C. Circulation Study

Car Accessibility

Pedestrian

Car parking

B. Visual Study

Façade typology

Typology is the study of types or the systematic classification of the types of something according to their common characteristics it is more related to the architectural styles of the buildings built into the district





1700 1800 1840 1860 1890 1900 1920 1930 1960














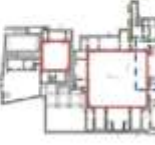


Dutch Southern China Early Early Transitional Early Strait Eclectic Late Strait Eclectic Neo-Classical Art Deco Early Modern



The style study helps into the distinguish the shape and configuration of the façade elements and how does these elements arranged together



These studies are not only related to the elevations but to the general arrangements of the facilities

Classification	Role of bodies in the definition of spatial types	Different walls	Different multi-passage spaces	Different sky lines	
One-yard houses	four-sided				
		Sadeghi	Sadeghi	Bazazha	Zanjanchi
	three sided				
		Mirianzadeh	Mirianzadeh	Rezai	Mirianzadeh
	two-sided				
		JulilArazi	JulilArazi	Azizi	Azizi
	L two sided				
	Valiha	Valiha	Valiha	Ghaemi	
one-sided					
	Imamjomeh (Shahidi)	Zarnegar	Zarnegar	Zarnegar	
Houses with yards or more					

Skyline study



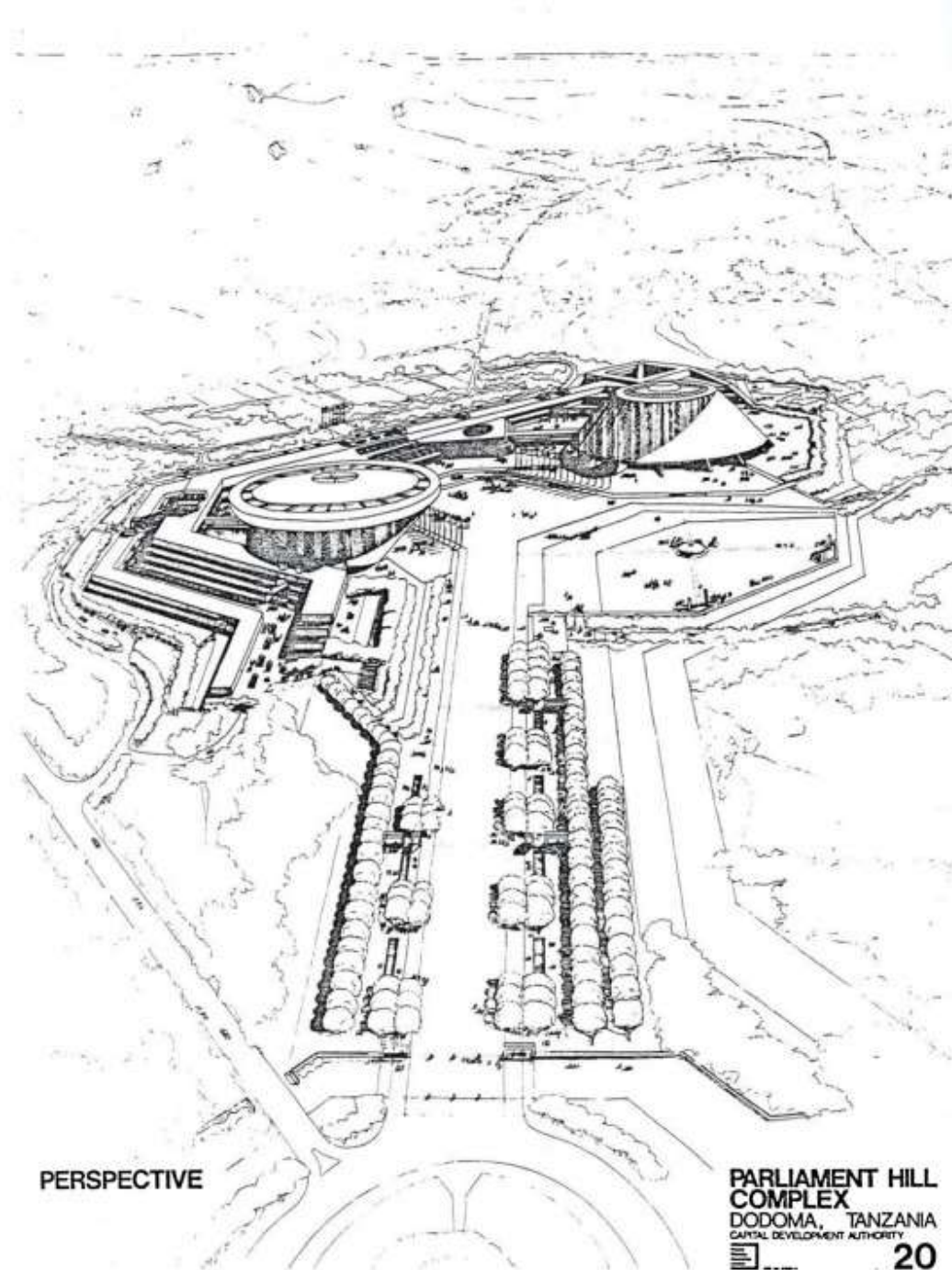


Skyline study

- ▶ The study of skylines are related to the differentiation of heights and outline of the relationship between the masses of the district and the sky.
- ▶ It helps in determining where to put high-rise buildings and low-rise buildings and the relation between different outlines of the buildings

Axiality study

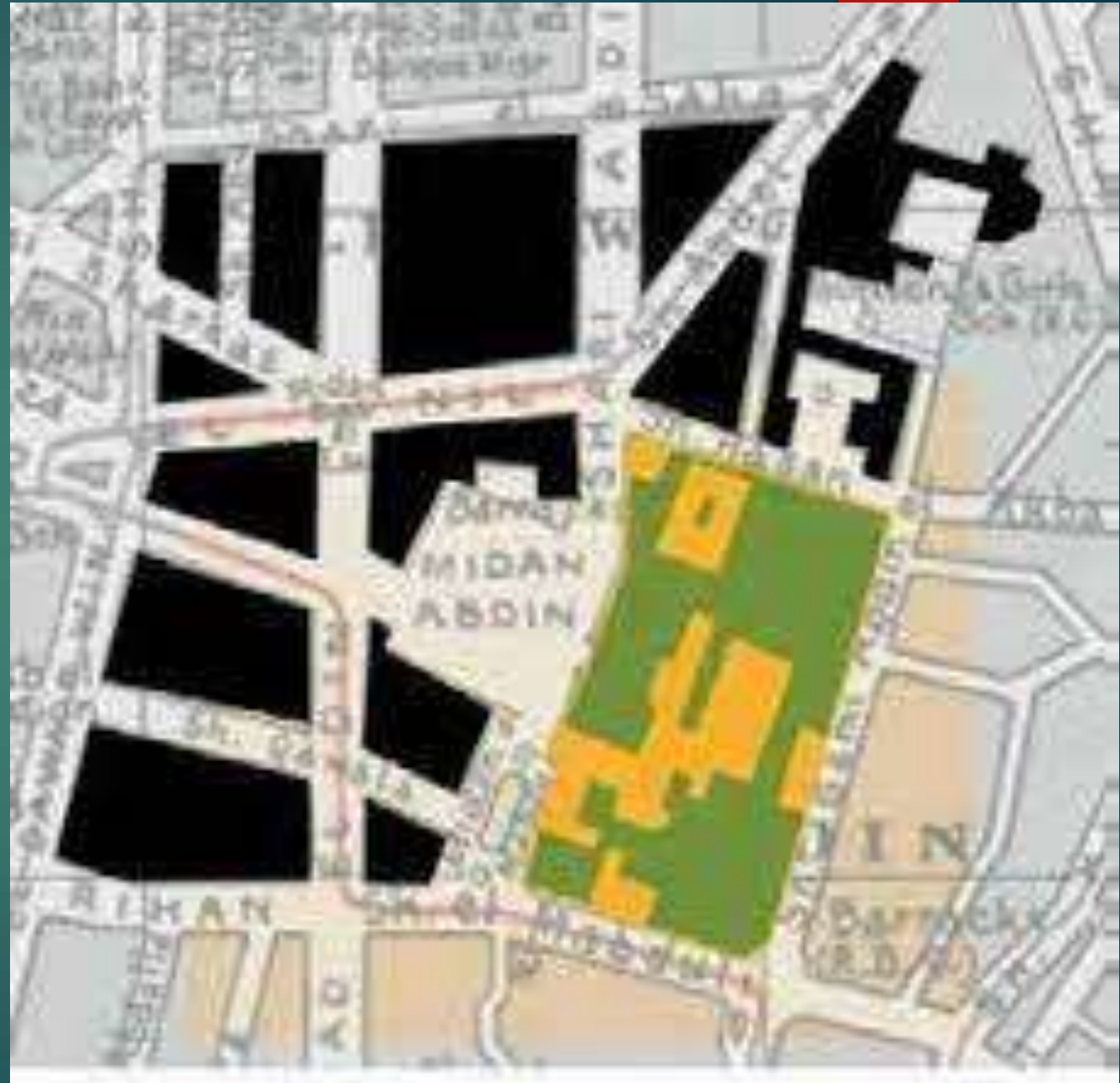
- ▶ The study of the urban fabric routs and the main visual ending points that dominate the fabric
- ▶ It helps in organizing the orientation of the fabric in both circulation and vision





Urban fabric study

- ▶ The study of the grain that dominate the pattern of the design of the selected urban fabric
- ▶ The study of space and mass and the percentage of each in the area.
- ▶ Study of FAR. And coverage ratio
- ▶ The study of style of built up masses in the area.



URBAN FABRICS IN SAINT PETERSBURG

COMPACT
LINEAR
CLUSTER

DISPERSED
LINEAR
EXPONENTIAL

DISPERSED
SITE SPECIFIC
LOOSE GRID

COMPACT
LINEAR
GRID

DISPERSED
SITE SPECIFIC
EXPONENTIAL

COMPACT
HIARARCICAL
LOOSE GRID

COMPACT
LINEAR
GRID

COMPACT
SITE SPECIFIC
GEOMETRICAL
GRID

COMPACT
SITE SPECIFIC
GEOMETRICAL GRID

COMPACT
HIARARCICAL
ORGANIC GRID

COMPACT
SITE SPECIFIC
SUPER GRID

COMPACT
HIGH RISE
ORGANIC GRID

