Module: Project workshop 3

Exercise N° 02:

Urban analysis of the west Zone in Biskra City

Purpose of the exercise: At the end of this exercise, the student acquires the method and tools of urban analysis by conducting a theoretical research stage, insitu work and the analysis of documents from the study area.

Support: study visit, PDAU, POS (west zone of Biskra), photos and various documents necessary for urban analysis

Work requested : (criteria grid) : (**Grille de critères)**

PART A

Presentation of the city

- Geographical location (regional context)
- History/population
- Physical environment (relief)

Study of the city's fabric

- Different types of fabrics
- Chronological classification (historical periods)
- Morphological classification

PART B

Identification of the tissues to be studied

- Identification /city
- Delimitation of the study area
- Extension 1/5000 → 1/1000

General

- Fabric formation and its development process
- Dominant function (commercial, tertiary, residential, etc.)

Overall urban structure

- Fabric, road grid, block, building

- Configuration / highlighting (orthogonal grid, broken line grid, mixed grid, etc.)
- Diagrams of the axes and generating poles (public building, prestigious house, square,...) of the grid

Study of the urban void

- Highlighting (negative fabric)
- Identification of the urban void (roads, squares, squares, gardens, cemetery, etc.)
- Linear elements
- type of mesh
- Hierarchy (streets, alleys, dead ends, etc.)
- Delimitation by the buildings (plan)
- street service areas
- Dimensions
- Differentiation of the street bodies, height/width ratio, profile of the street (section)
- Treatment and use
- Relationship with the main monuments, public buildings (urban network/event)

- Point elements (places, crossings / nodes...)
  - Position in the fabric (marking)
  - Delimitation by the frame
  - Dimensions
  - Configuration (regular/irregular shape, axis, random, etc.)
  - Assignment and processing
- Sequential analysis
  - Marking of the route on a map and identification
  - Qualification and sequence of plans

Islands

- Shape (geometric/organic, regular/irregular...)
- Size
- Occupation/density
- Mode of organization (inner courtyard, crossing, etc.)
- Structuring of blocks (/street, square,...)
- Islands typology

Plots and Parcels

- Parcels shape (regular/distorted/irregular geometric figures)
- Dimensions/ proportions
- Mode of occupation of the parcels
- Mode of grouping/association of the parcels (= formation of blocks, additive system in width, multidirectional clusters, etc.)

- Geometric analysis of the plot
  - Geometric relationship with the road (obedience / disobedience)
  - Topological relationship between the plot and the road
  - ✓ Relationship to the public space (street, square) = adjoinment, distance, superposition

- ✓ Link between the plot and the service road (direct, indirect)
- Relationship between the plot and the urban façade

- Typology of the parcels

PART C

Urban facade (addition of street facades)

- Silhouette (skyline)
- Rhythm / to the public space (plots)
- Legible on the facade
- Legible on the roof
- Effects of horizontality (openings, balconies, basements, cornices, etc.)
- Effects of verticality (openings, recesses, differences in materials, etc.)
- Surface effects (full/empty, materials/texture)
- Sign effects, architectural language

Rendered : The work of a group of students takes the form of a standardised study notebook in A3 format, combining drawing work, maps, sketches, diagrams and explanatory texts. The scale of the drawings is between 1/500 and 1/1000

Deadline: Tree weeks from the start of the exercise

Evaluation method: is in the form of a display, the score will be estimated at a percentage of 20% of the work. And with a coefficient (2).