

Module: Project workshop 3

Exercise N° 03: Analysis of a book example
(Architectural Equipment : Restaurant)

Purpose of the exercise: The student must know, at the end of this analysis the design principles having generated the architectural work in its formal and constructive dimensions. Through the analysis, it is attempted to approach the project through its elements (ideation, spatial and functional organization, composition of the facades,... etc.)

Work requested :

A. Project presentation

- Architect : Presentation of the designer (name, photo, birth, principles, works)
- Equipment : (Graphic documents on a scale of 1/100, guiding idea, number of levels, principles, the program illustrated on plans).

B. Project analysis

I. Study of the ground plan:

1. Nature and shape of the site
2. Land use and orientation.
3. Built, unbuilt and nature of the unbuilt.
4. Exterior-interior access/relationship (transition : public, semi-public, semi-private, private)
5. Volumetry
 - A. articulation, continuity
 - B. masses composing the volume
 - C. axis(es) of composition and proportions between the masses composing the volume

II. Spatial-functional study :

1. Type of distribution of spaces/ circulation : (Horizontal, vertical/ central, linear)
2. Type of spatial organisation (plan organisation: linear, centered, radial, free, grid, group)
3. Spatial relations (spatial organizational chart) :direct / indirect : (continuity, contiguity, interpenetration)/ intermediate space
4. Functional relationships : zoning and functional organization chart

III. Analysis of facades :

1. Full /empty
2. Order / composition : repetition, rhythm, hierarchy, asymmetrical balance,.....
3. Treatment (architectural elements)
4. Color and materials

IV. Analysis of the structure:

1. Construction system.
2. Framing materials.
3. Structural framework (dimensions).

V. Analysis of interior environments:

1. Colors and textures.
2. Natural light/ Artificial light.
3. Furniture arrangement.

Rendering : in the form of a standardized study notebook in A3, combining drawing work, sketches, diagrams, charts and explanatory texts. The scale of the drawings is between 1/100 and 1/200. The number of the analysis boards is limited between five and seven.

Deadline : Two 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).