

The product of architectural and construction problems and their role in stimulating creativity of the designer

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Abstract:

There are many problems resulting from the lack of coordination between the architect and the construction, when the architect finishes setting his design and construction vision from developing the executive perceptions, some problems appear that may sometimes lead to the mismatch of the walls with the spatial space, or this results in the occurrence of large voids With neglected areas, and from here some architectural problems appear, and this requires the Intervention of the designer to develop functional and aesthetic solutions by which these problems are avoided.

For examples, Sometimes the civil put a column as a solution, but this column may be at the middle of spatial space so it leads to useless spaces or lose side from the façade aesthetics which is combatable with the aesthetic vision for the architectural engineer in this case the role of interior designer comes trying to find functional solutions for this useless spaces and create aesthetic worlds to serve firstly the human feeling to be more comfortable inside the spatial space.

From this point of view, the research aims to formulate a set of requirements to deal with the problems resulting from the executive perceptions of architectural solutions, and to reach through this applied study to proposals and design solutions to the defects resulting from those problems, part of which was monitored through actual practices in the labor market in order to achieve unity and balance And integration, taking into account the functional and aesthetic aspect.

The research came in three axes as follows, the first axis: the relationship between architecture and construction, the second axis: the requirements for dealing with problems resulting from the executive perceptions of architectural designs, the third axis: the applied aspect (design solutions). The research recommends the necessity of cooperation and coordination between the pillars of the design process (the owner, the architect, the structural and the interior designer), to obtain the best results that achieve user satisfaction and meet their actual needs, as well as saving time, effort and cost.

Key words:

Architect – Constructor – Creativity- Interior Designer.