



Article published on July 3rd 2012 | [Visual Arts](#)

Architectural Services play an important role in construction of any building or any infrastructure. Such services are best used in the field of construction for marketing purposes. There are wide array of services which helps in creating best designs to enhance buildings, landscape etc. Right from conceptual stage till the time building is constructed Architectural Services play an important role. All designs can be created on computer through pre-built and design software like Revit Architecture, AutoCAD, 3D Studio Max etc.

Conceptual Architectural Design

Conceptual Architectural Design is the first stage of any building or Infrastructure construction phase. Conceptual Design is normally created by an Architect where he designs a building conceptually. Before Revit or AutoCAD came into existence, conceptual designs were done manually on paper, in form of sketches and later drafted. Now, with number of software available today conceptual designing has become much easier.

Construction Drawing and Drafting

After conceptual designing is finalized, process of creating Construction Drawings for the building starts. Construction Drawings are set of drawings created to facilitate construction phase. It consists of complete drawings spanning entire building. This is very crucial for accurate construction. It consists of Roof Plan, Reflected Ceiling Plan, Sections, Elevations, Electrical Plan, Layouts, Site Plan etc. These drawings can either be created using AutoCAD or Revit.

Building Information Modeling

Architectural Building Information Modeling is the most important stage of any Construction project. This process makes construction less time consuming and decreases costing. BIM essentially means collection of all elements and data related to construction of building in a single model. BIM virtually gives a feel of how a model will look and function after construction. Revit Architecture is the most popularly used software to build Architectural Building Information Model.

Architectural 3D Modeling and Rendering

Architectural 3D Modeling and Rendering is used for visually enhancing any model or building image. Architects create 3D Model using Revit, AutoCAD 3D, 3D Studio max, Maya etc. These models are rendered to give a photorealistic feel using VRAY, Scan line etc. These images can then be used for marketing purposes. One can visually enhance Interior and exterior, Sites, Landscape, Water bodies, sky and light, furniture, products etc. using this software. Architectural 3D Modeling and Rendering is being used extensively by architectural firm, interior designing companies, construction companies etc.

With high level of completion building up with a pressure to save cost, utilization of Architectural Services offers most viable solution to engineering Industry.

Article Source:

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Article Keywords:

CAD Services, Architectural CAD Services

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