CASE STUDY

Architectural Engineering & Construction (AEC) Services

BIM & MEP | Architectural/Structural Drafting | 3D Modeling & Rendering
Energy Modeling & LEED Consulting

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Effective BIM Structural Services delivered by hitech for a Reputed Construction Company in USA

Case Study Highlights

Technology / Software Used:
- Autodesk Revit MEP 2011

Client Profile:
- The client established in 1982, is a manufacturer of commercial plumbing products and family business that operates from United States.
- The client’s products have many features and benefits that have made them the choice of many specifying engineers and contractors. For example, a complete range of Stainless Steel drains and cleanouts that eliminates dishing, discoloration and corrosion normally associated with drain tops made of other materials are offered at the same cost as the industry standard, nickel bronze.

Business / Industries Challenges:
- The client is one of the top 20 manufacturers and provider of plumbing products all over the world. So basically as like All MEPF manufacturer; the client realized for BIM is one of the most promising recent developments in the architecture, engineering and construction area. As BIM is going to be a standard for this industry in the near future, it is our wish to make our products part of this "new" standard.
- Therefore the client required the Revit family creation of their all plumbing products includes developing a fully functioning product from scratch in Revit, while minimizing file size, maintaining accurate geometry of the product and including a standardized format in order to maintain product integrity as per Autodesk Seek Standard.

Solutions:
We have provided more than 150 Revit families of plumbing products like floor and roof drain and floor sink with the all product information and detail for facility management.

Benefits:
Quality Revit content balances performance with design accuracy and required levels of detail. Quality content is easy to use because it functions reliably in a range of projects and project phases, while delivering manufactured content in a format appropriate for architecture and engineering documentation deliverables.

About Hi-Tech iSolutions LLP

hitech offers a full range of 3D rendering, modeling, architecture design and engineering services to its global clientele across the AEC industry. Understanding and delivering as per client requirements remains the prime focus, for every project that is undertaken. With a multilayered quality check and flexible time scheduling, quality is maintained and projects are always delivered on time.

hitech is your innovative partner offering multidisciplinary services for various domains across industries. We are an ISO 9001:2008 Certified India based organization providing comprehensive outsourcing services to 3,100 plus - 80% recurring clients across USA, Europe, Australia and Middle-East. Enhancing your business operations, making them smarter, faster and cheaper has been our ongoing pursuit, backed with two decades of experience. It has helped us evolve into a leading customer centric outsourcing service provider for all your BPO, Software, AEC, and Engineering solutions.