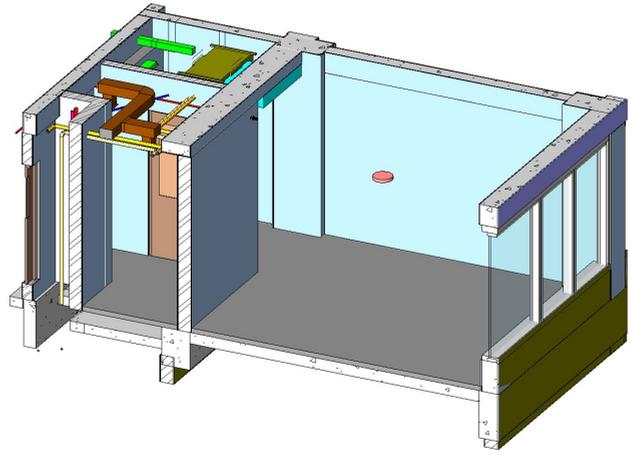
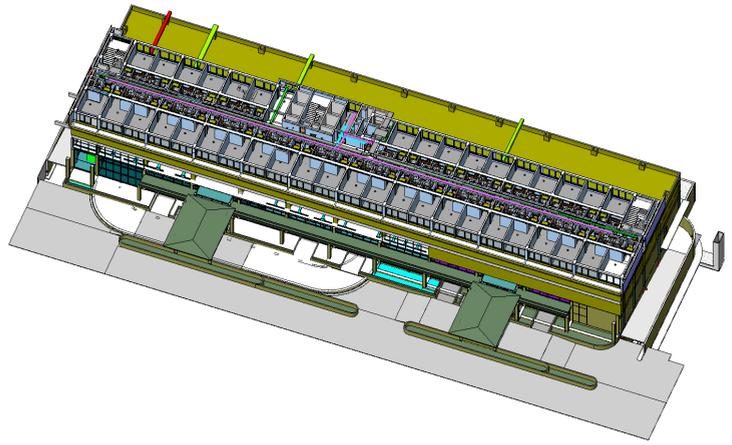




May 2013



Ongoing Projects at Excelize



5 Star Hotel Project in the western part of India.

Excelize is working on yet another 5 Star Hotel project. The total built up area of the project is approx 1.84 lakh sq. ft. The scope on this project includes BIM modeling for all disciplines, managing Design Phase, Clash detection and resolution, BOQs, Simulation and generate as built model and provide 2D GFC. This being a hotel project every scope mentioned had an important role by itself. The hotel comprises of 160 keys and covers 2 Basements + Ground + 10 floors

Dear Reader,

" Information generation has brought in many new technological changes. But why is it essential to have information and is it essential and possible to have information for every thing. At least when we have marvels being created that could stand for years together it becomes essential to have information to its minutest level. Basic information about a construction can be created in the form of drawing which is an age old method to have information. But there are limitations to this kind of data, it is technical, it is limited to construction only.

BIM is the tool that gives a complete information data holder for any construction with its minutest details. For example if you have fitted an electrical item say a simple exhaust fan. To have complete information of this it would be difficult if it has to be replaced, but this will be very conveniently done during the design phase by the modeler to add complete data from manufacturer to sizes, types, rpm, maintenance schedules, costing and many such details. At Excelize we are always keeping our skills tuned to the new technology. "

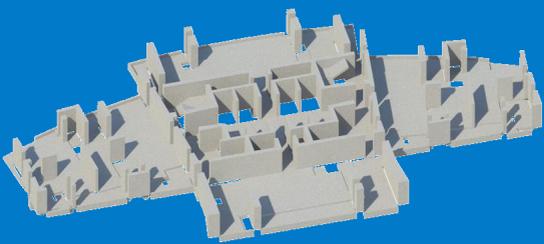


Pratap Dhopte

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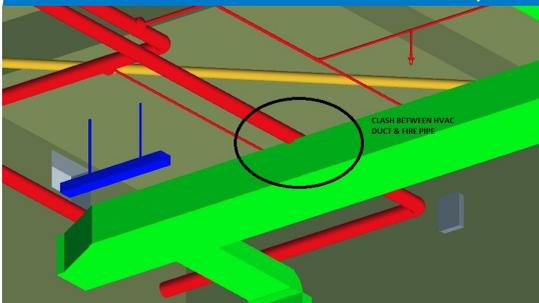
The Buzz...



Excelize recently extracted BOQ's for a residential project where formwork was used. The difference between the form work area extracted for a typical floor of a residential apartment from BIM and the area for the same floor that was submitted by the site team was just 1%. This eventually proves that Building Information Modeling helps in extracting 99% accurate BOQ's. This was appreciated by the Project Site officer.



Clash between HVAC Duct & Fire Pipe



The Technology for you

A Brief Overview of BIM

The digital design models have been a common practice in the manufacturing industry for decades. Project teams at many huge companies have placed digital models at the core of their collaborative & concurrent engineering processes for years, using them to support the entire project lifecycle—from design and documentation to manufacturing and field support.

BIM helps AEC service providers apply the same approach to building and infrastructure projects. BIM facilitates a new way of working: creating designs with intelligent objects. Regardless of how many times the design changes—or who changes it—the data remains consistent, coordinated, and more accurate. Project teams in the construction industry use these model-based designs as the basis for new, more efficient collaborative workflows that give a clearer vision of the project to all stakeholders and increase their ability to make decisions faster.

Models created using software for BIM are - intelligent - because of the relationships and information that are automatically built into the model. Components within the model know how to act and interact with one another. If designers change a model element, the BIM software automatically coordinates the change in all views that display that element—including 2D views, such as drawings, and informational views, such as schedules - because they are all views of the same underlying information.



Upcoming Events

Roof India

Date: 24 - 26 May, 2013 |

Venue: Bombay Exhibition Center (BEC) Mumbai, India

BACE EXPO

Date: 24 - 26 May, 2013 |

Venue: Marine Drive Grounds , Cochin, India



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