

Building Information Modeling (BIM) Projects

INDUSTRY	CLIENT	PROJECT DETAILS	LOCATION	YEAR	OTHER INFORMATION
Dam & Water Distribution	Tujung Dam USA	Complete Building Information Modeling of concrete, architectural, steel, plumbing, HVAC, piping and electrical. Bill of material. Existing & New Toposurface creation. BIM of excavation work for the new dam. Detailing of each concrete block for the new dam.	USA	2007 Ongoing	2000 man hours
Sewage Treatment Plant	Large Construction Company	Pipe line detailing and 3D model for the pipe, fitting, equipments and valves. 3D visualization of drawings that serve as co-ordination model for construction. 3D installation drawings for mechanical piping. Fabrication list with marks coordinated in 3D drawings. Quantity take-off for construction material.	CALIFORNIA USA	2007	Handled 1900 pages of specifications, over 400 drawings
Research Centre	Nano Technology Research Centre	Building Information Modeling of NANO TECHNOLOGY RESEARCH CENTRE. Co-ordination of concrete, architectural, steel, HVAC, mechanical, piping and electrical members. Concrete Take-off.	ATLANTA USA	2007	Team of 10 engaged for 6 months
Hospitality	Hilton Hotels	HVAC shop drawings, Riser drawing, Block-out and Pad-Layout creation. Conflict checks with architectural wall, ceiling and structural and plumbing members. Selection of Duct connection, fittings, and types. Submittal for equipment (AHU, RTU, FCU, MAU), Estimation	FLORIDA USA	2007 to 2003	17 storey with convention centre. Total area 704,282 sq ft.
Retail	Large Retail Store	Complete Building Information Modeling of Target store building. Modeling of concrete, architectural, steel, plumbing, electrical, site. Bill of material for architectural, steel and concrete members.	CALIFORNIA USA	2007 to 2008	130,500 sq ft.
Hospital	Super Speciality Hospital	Detailing of HVAC and piping. Co-ordination & Conflict checks of HVAC. Piping, architectural and structural members. Selection of duct filling, equipments estimation. Shop drawings for fabrication.	CALIFORNIA USA	2007 to 2008	26,032 sqft. of built up area
Aviation	L&T Delhi International Airport	Complete Building Information Modeling of Passenger Terminal Building, Domestic and International PIER Sight line report for Air Traffic control. Quantity estimation. Construction phasing with respect to established time frame.	New Delhi India	2007 to 2010	20 Engineers commissioned to provide BIM support for 3 yrs.