

Summary

With more than 12 years experience in Design visualization and project management arenas on medium to large scale global project focusing on illustration, 3D/4D (schedule) & 5D (Budget) construction sequencing simulations across AEC industries and with a variety of market sectors using BIM data as a platform for translating complex engineering ideas into informative, cost effective visual simulations. This also include wood construction detailing and understanding of IBC building and ANSI codes.

Experience

BIM Experience ranges across projects since last 12 years related to

Healthcare, Master Planning & Landscape Development, Infrastructure, Rail & transportation, Sports Arenas, Education, Residential, Entertainment, Media, Spiritual, Museum, Universities, Retail, Prototype, High Rise Buildings, Hotel, Offices, Mixed-use, Government Facilities, Townships, Pre fab, Research Laboratories and Historic Monuments

BIM Manager

Lessard Design
12/2014 – till date

- Developed a firm wide roadmap for a smooth transition from CAD to BIM (Revit).
- Visited main office at USA to train USA team members for the smooth transition and learn USA construction standards and building codes (IBC and ANSI).
- Determined company BIM standards.
- Train current staff members for the BIM work.
- Provide mentorship to the team through-out the project.
- Review Revit BIM models to ensure company BIM standards are being followed.
- Daily coordination meeting with US team to discuss progress for the project.
- Coordination check between different disciplines.
- Development of construction details.
- Development of residential unit layouts using IBC and ANSI building codes.
- Associated with residential projects as follows;
 - Port Imperial Building 11 (New Jersey) – Rosland
 - Square 769 North Tower (Washington DC) – District of Columbia Housing Authority
 - Atlantic Station North Tower (Stamford, CT) – Cappelli Organization.

Project Manager

London BIMTech
05/2010 – 04/2013

Rawabi City Center, Palestinian

Leading a team of Architects, Structure, MEPF Engineers and revit draftsmen to

- Develop BIM models for Architecture, Structure and MEPF disciplines for Design development to Construction Documentation.
- Coordinate with different project teams (owner and consultants) on weekly basis to discuss the BIM progress
- Identify the conflict between different disciplines and prepare Clash detection reports
- Develop 750 + construction drawings for all the disciplines
- Generate weekly BIM Progress reports

Other BIM Project Examples:

- Universal Studios Harry Potter Theme Park, Orlando & Hollywood
- Williams College, Boston
- Kaiser Permanente, Prototype Hospital
- Development at Zhuhai
- Monte Carlo, Residential
- BBC Studio
- NMR Meditation Center
- The Grand Egyptian Museum
- The Crossrail Master Shaft ETH – C412
- South Park Plaza

Project Coordinator

London InfoTech
12/2006 – 04/2010

SIDRA Medical & Research Center Doha - Hospital and Medical research facility.

Leading a team of qualified Architects, Engineers and revit draftsmen to

- Supervising the BIM work for all disciplines.
- Handle the technical coordination amongst the related subcontractor, consultants and the end user.
- Working as a part of the technical department, leading a team of architects and draftsmen responsible for the 204,000 m2 hospital building.
- Developing the Design Drawings into Shop Drawings, room data sheet and developed a prototype BIM models for costing and visualization.
- Prepare the complete set of Shop Drawings for the overall Project.
- Developed highly parametric and optimized content creation for Medical Equipment and specialty components.

Skills & Expertise

- Complex modeling for conceptualization and visualization of spaces.
- Modeling for design, analysis, documentation & comparative studies of structural systems
- Design coordination and inter-disciplinary clash detection & reporting
- Virtual design & virtual construction
- BIM for Architecture, Structure, MEPF and Site Utilities.
- Content Development
- Asset Digitization
- BIM modeling and documentation for commissioning
- Real time & accurate quantity extracts from BIM models where actual data is available
- Accurate as built and construction documentation for architectural, structural and MEPF
- Project presentations and submittals
- Energy analysis and space usage analysis
- Leading the BIM Production work for the BIM studio of the company
- Develop & implement strategies, methodology, standards to assure affective and appropriate use of BIM of projects as per the project scope of work and deliverables
- BIM Project Management & Multi disciplinary coordination, production for world's top most construction and architectural firms
- Development of Company BIM Standards, Library / Family / content creation & Management
- Provide direct, hands-on training & guide operators to make them perform in global projects via advanced BIM platforms
- Quality Assurance of outgoing submissions (QA-QC)
- Implementation of successful collaboration with Client Company & their respective BIM team at company's Production Studio
- Updating and Managing Production Logs for the entire BIM studio, all the clients.

- Assist business development team on preparing Project Proposals, estimates and bids.
- 2D to 5D conversion and supplement activities to prepare Construction Simulation as per the PMC schedule
- Preparation of Clash detection report and updating the models as per inputs of respective consultants
- R&D, related trainings for new softwares, technologies or updates
- Internal Team Management and working out responsibility matrix
- Active participation in appraisal reviews for the team and provide related ratings
- Creating positive, motivating working environment to execute company's goal and objectives

Software Skills:

- Autodesk Revit
- Autodesk Navisworks
- Autodesk AutoCAD
- Autodesk 360 –Glue & Field
- Google Sketchup
- MS Office

Education Summary :

C.E.P.T University Ahmedabad – School of Architecture, (final semester pending)

Personal Details:

Name: Sunil Borisa

Date of Birth: 21-10-1980

Address: 168, Swagat City, Opp. IOC Petrol Pump, Near Adalaj Village, Adalaj, Gandhinagar, 382421.

Phone number: +919723225015 (M)

e-mail: sunilborisa@gmail.com

Current Employment Status: Full Time

Relationship Status: Married.