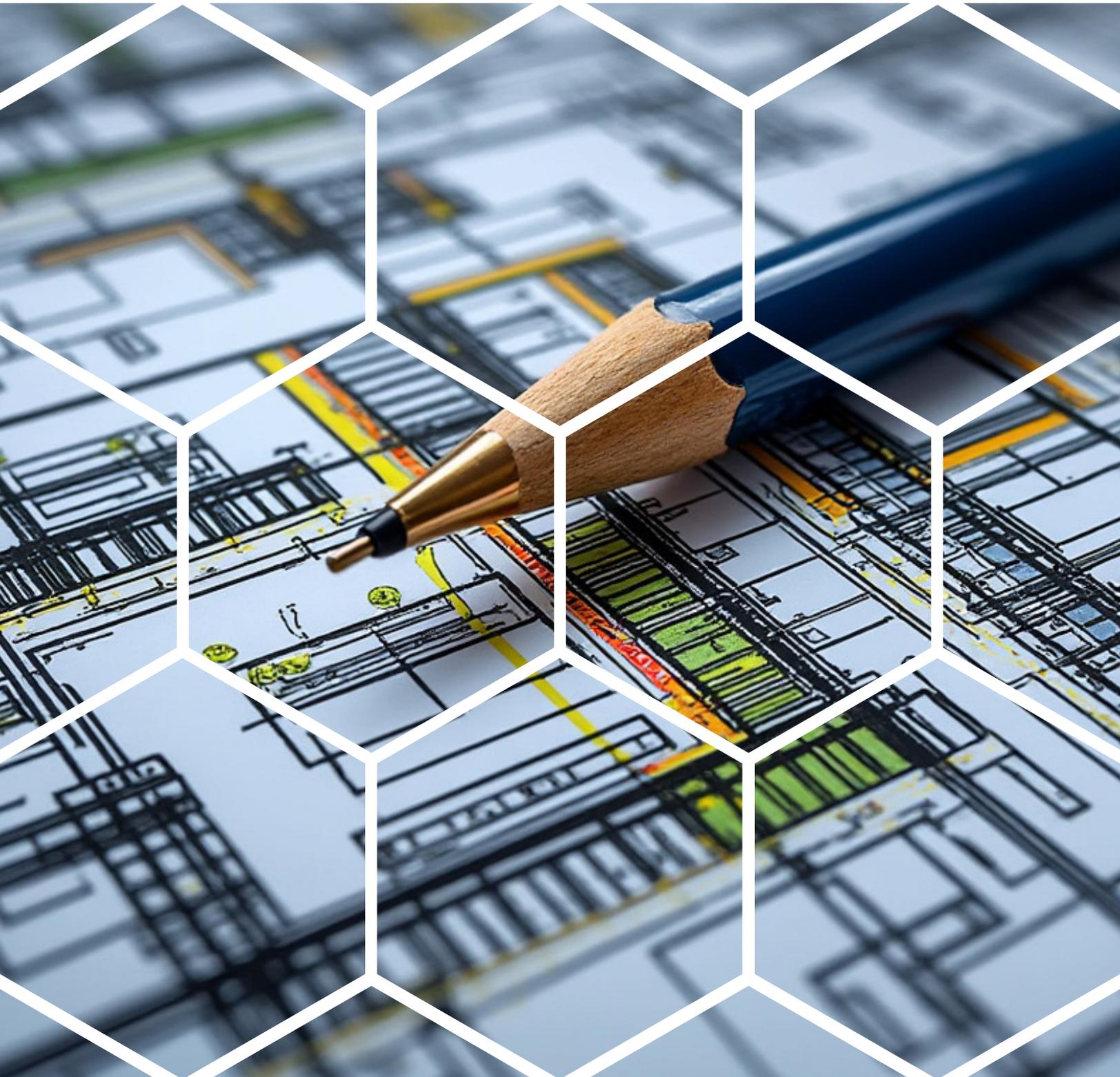


BIM Modelling & Plans
THROUGHOUT THE DESIGN STAGE



Transforming Concepts into Detailed Plans with Precision & Collaboration



At the heart of our BIM services is a commitment to precision and collaboration. We understand that every project begins with a vision, and our role is to transform that vision into a detailed, actionable plan. Here's how we do it:

Our Process:

1. Initial Consultation and Discovery:

- We begin by working closely with your team to understand the project's scope, objectives, and specific requirements. This includes detailed discussions with architects, engineers, and other stakeholders to capture every nuance of the design.

2. 3D Modeling and Design Integration:

- Using advanced BIM software, we create a 3D model that encompasses all aspects of the design. This model serves as a living document, continuously updated to reflect design changes and refinements. We ensure that the model is detailed, accurate, and fully aligned with the project's goals.

3. Ongoing Collaboration and Updates:

- Throughout the design stage, our team collaborates with all stakeholders to ensure that the BIM model remains up-to-date. We host regular coordination meetings, leveraging cloud-based collaboration tools that allow real-time updates and feedback, keeping everyone aligned.

4. Comprehensive Documentation:

- Every element of the design is meticulously documented within the BIM model, including detailed plans, sections, and elevations. This comprehensive documentation is essential for effective communication and decision-making throughout the project.



Why It Works: Our methodical approach to BIM modeling ensures that your project begins with a strong foundation. By maintaining a focus on precision, collaboration, and comprehensive documentation, we help you avoid costly revisions and ensure a smooth transition to the construction phase.

Creating, Integrating, and Coordinating BIM Models

Achieving Design Harmony through Integrated BIM Workflows



Our approach to creating, integrating, and coordinating BIM models is built on the principles of collaboration, accuracy, and efficiency. Here's how we ensure that all aspects of your project work together seamlessly:



Our Process:

1. Initial Model Creation:

- Our process begins by developing individual BIM models for each discipline involved in the project (architectural, structural, MEP, etc.). These models are created using industry-leading BIM software, ensuring high precision and adherence to project specifications.

2. Model Integration:

- Once the individual models are created, we integrate them into a single, cohesive BIM model. This integration process involves careful alignment of all elements to ensure consistency across disciplines. Our team uses clash detection tools to identify and resolve any conflicts early in the process.

3. Interdisciplinary Coordination:

- We facilitate regular coordination meetings with all stakeholders, using the integrated BIM model as a central point of reference. This collaborative approach ensures that everyone is on the same page, reducing the risk of misunderstandings or misalignments.



4. Continuous Refinement:

- The integrated BIM model is continuously updated to reflect any changes or refinements in the design. Our team ensures that all updates are accurately reflected across all disciplines, maintaining the integrity of the model throughout the project lifecycle.

Why It Works: Our integrated BIM workflows foster collaboration and ensure that all elements of your project are perfectly aligned. By catching potential conflicts early and maintaining a focus on continuous refinement, we help you achieve design harmony and a more efficient construction process.



BIM Implementation

Guiding You Through a Seamless BIM Transition

Implementing BIM within an organization requires careful planning, strategic execution, and ongoing support. Here's how we help you navigate this transition smoothly:



Our Process:

1. BIM Readiness Assessment:

- We begin by conducting a thorough assessment of your organization's current workflows, technologies, and team capabilities. This assessment helps us identify areas for improvement and determine the best path forward for BIM implementation.

2. Customized BIM Strategy Development:

- Based on the assessment, we develop a customized BIM implementation strategy tailored to your organization’s specific needs. This strategy includes a detailed roadmap outlining the steps required to achieve full BIM integration, from software adoption to process optimization.



3. Training and Skill Development:

- Successful BIM implementation requires a well-trained team. We provide comprehensive training programs, both in-person and online, to equip your staff with the skills and knowledge they need to leverage BIM effectively. Our training covers everything from basic BIM concepts to advanced modeling techniques.

4. Ongoing Support and Optimization:

- BIM is not a one-time implementation but an ongoing process. We offer continuous support to help you refine and optimize your BIM workflows. This includes regular check-ins, software updates, and best practice sharing to ensure that your organization remains at the forefront of BIM innovation.

Why It Works: Our step-by-step approach to BIM implementation is designed to minimize disruption while maximizing the benefits of BIM for your organization. By focusing on readiness, training, and continuous improvement, we help you unlock the full potential of BIM, leading to better project outcomes and increased efficiency.



BIM Consultants, Engineers, and Autodesk Certified Revit Technicians

Leveraging Expertise to Deliver Exceptional BIM Services



Our team of BIM consultants, engineers, and Autodesk-certified Revit technicians is the backbone of our BIM services. Here's how we ensure that your projects are executed with precision and expertise:

Our Team's Approach:

1. Strategic BIM Consulting:

- Our consultants bring years of experience in BIM strategy and implementation. They work closely with your team to understand your project's unique challenges and develop tailored solutions that align with your business goals. From process optimization to technology integration, our consultants provide the strategic guidance you need to succeed.

2. Technical BIM Engineering:

- Our engineers are experts in developing detailed and accurate BIM models that reflect your design intent. They apply advanced engineering principles and BIM techniques to create models that are not only visually accurate but also technically sound. This ensures that the models are ready for construction and can be used to drive project efficiency.





3. Autodesk Certified Revit Technicians:

- Our Autodesk-certified Revit technicians are highly skilled in using Revit to create, modify, and maintain BIM models. Their expertise ensures that all models meet the highest industry standards and are fully compliant with project specifications. They also provide valuable support in troubleshooting and resolving any issues that may arise during the modeling process.



Why It Works: By combining strategic consulting with technical expertise and certified Revit skills, our team delivers a comprehensive BIM service that meets the highest standards of quality and accuracy. Our focus on continuous improvement and adherence to industry best practices ensures that your projects are executed with the precision and efficiency you expect.



Outsourced BIM Engineers for On-Site Support (Optional)

Expanding Your Team with On-Site BIM Expertise

For projects that require on-the-ground support, we offer the flexibility of providing outsourced BIM engineers who can work directly at your project sites. Here's how our on-site services add value to your projects:



Our On-Site Support Process:

1. Tailored Engagement:

- We work with you to understand your specific needs and determine the level of on-site support required. Whether you need short-term assistance for a specific phase of your project or long-term collaboration, we provide a flexible engagement model that suits your project's demands.



2. Seamless Integration:

- Our on-site BIM engineers integrate seamlessly with your existing team, working closely with project managers, architects, and contractors to ensure that all BIM-related tasks are handled efficiently. They bring specialized skills that complement your team's capabilities, ensuring that the project runs smoothly.

3. Real-Time Problem Solving:

- Having our BIM engineers on-site allows for real-time problem-solving and immediate response to any issues that may arise. This proactive approach helps prevent delays and ensures that the project stays on track.

4. Continuous Collaboration:

- Our on-site engineers maintain constant communication with your team and our in-house experts, ensuring that all BIM processes are aligned with the overall project goals. This continuous collaboration leads to better decision-making and more efficient project execution.

Why It Works: Our on-site BIM engineers provide the hands-on support needed to navigate the complexities of large-scale projects. By bringing specialized BIM expertise directly to your project site, we help you achieve success in every aspect of your project, from initial design to final construction.



CONTACT US TO GET STARTED!



801.259.4800



sales@hexagonitsolutions.com



hexagonitsolutions.com