

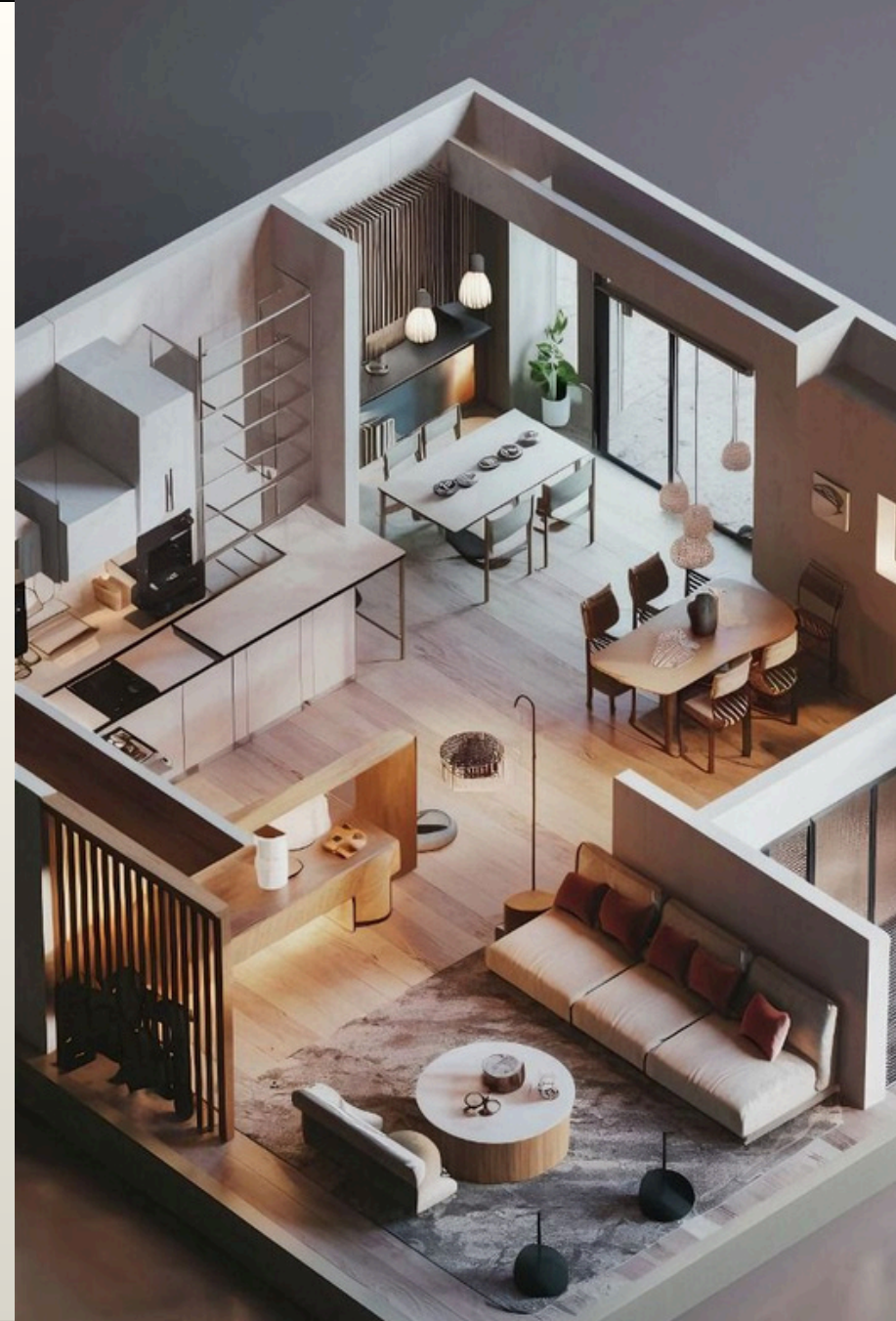


OSBS GROUP
YOUR VISION, OUR INNOVATION

3D PLANNING & DESIGN BROCHURE

Om Sai Building Solutions

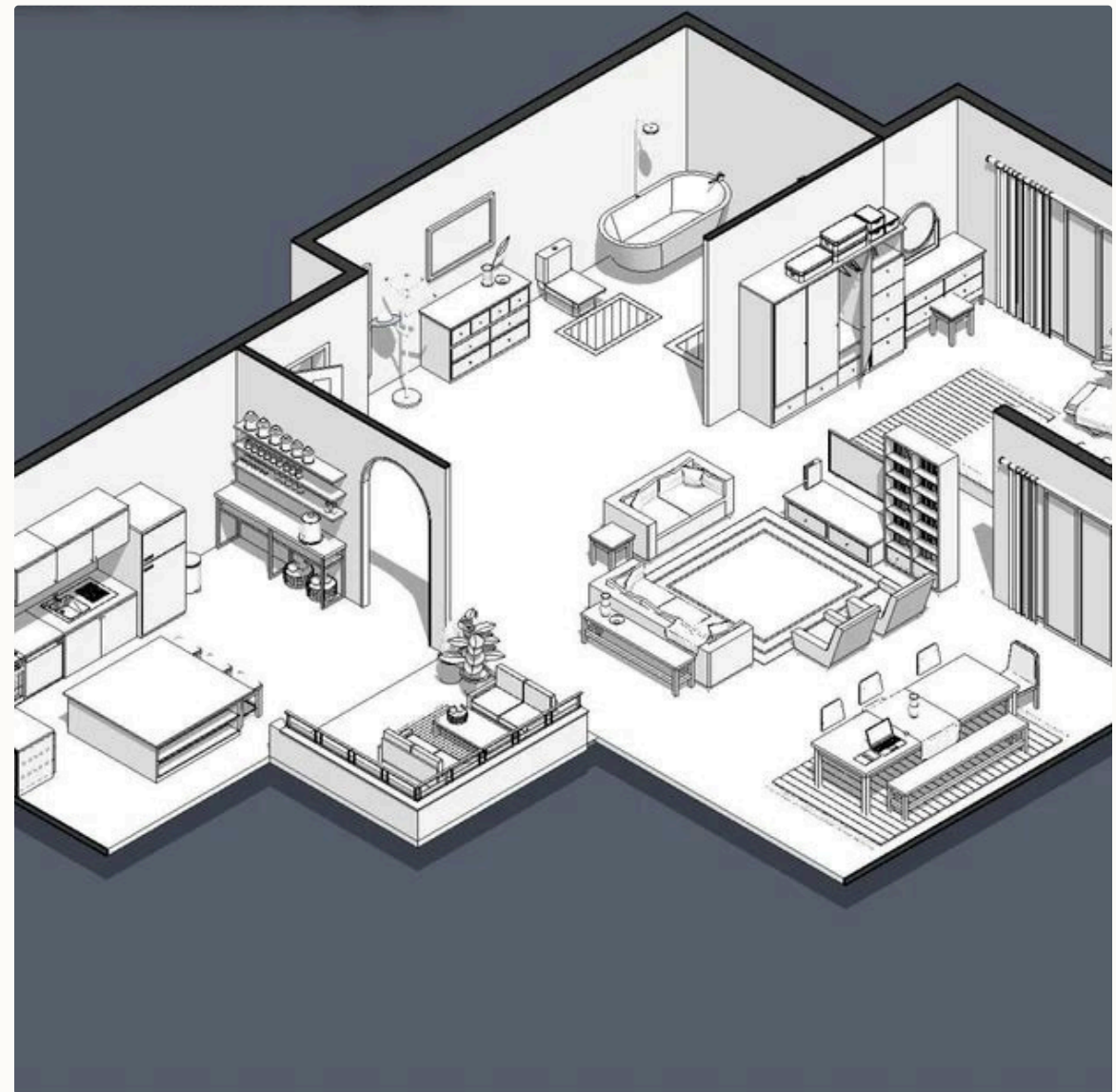
Transforming Ideas into Photorealistic Reality



WHO WE ARE

At Om Sai Building Solutions, we specialize in bringing architectural visions to life through cutting-edge 3D planning and visualization technology. Our team of experienced designers and visualization experts combines technical precision with creative artistry to deliver immersive, photorealistic representations of your future space.

We understand that every project is unique, which is why we take a personalized approach to 3D planning. Whether you're a property developer evaluating a commercial project, an architect seeking detailed client presentations, a homeowner planning your dream residence, or a construction manager coordinating complex builds, our 3D services provide the clarity and confidence you need to move forward. Our commitment goes beyond creating beautiful images. We deliver comprehensive 3D planning solutions that integrate architectural accuracy, structural feasibility, and design excellence. By leveraging advanced rendering technology and industry-standard modeling software, we create visualizations that don't just look impressive—they serve as practical tools for decision-making, stakeholder communication, and construction planning.



With years of experience across residential, commercial, and industrial projects, we've helped hundreds of clients visualize their spaces before breaking ground. Our 3D planning services eliminate guesswork, reduce costly revisions, and ensure that everyone involved in your project shares the same vision from day one.

From initial concept exploration to execution-ready plans, we're your trusted partner in transforming ideas into tangible, buildable reality. Our attention to detail, commitment to accuracy, and passion for design excellence set us apart in the competitive landscape of architectural visualization.

WHY 3D PLANNING MATTERS

In today's construction and development landscape, 3D planning isn't just a luxury—it's a critical tool that can determine the success or failure of your project. Traditional 2D blueprints and floor plans, while valuable, often leave room for misinterpretation and fail to communicate the full spatial experience of a design.



Avoid Costly Mistakes

Identify design flaws, spatial conflicts, and structural issues before construction begins. Making changes in the 3D planning phase costs a fraction of what modifications during construction would require. Our clients typically save 15-30% on revision costs by resolving issues virtually.



Make Confident Design Choices

Evaluate multiple design options, material selections, and layout configurations with complete visual clarity. See exactly how different finishes, colors, and fixtures will look in your space, enabling informed decisions that you won't regret later.



Visualize Your Dream Space Clearly

Experience your project as if it's already built. Walk through rooms, understand spatial relationships, evaluate sight lines, and get a true sense of scale and proportion. Our photorealistic renders eliminate the imagination gap between concept and reality.



Ensure Structural & Aesthetic Accuracy

Our 3D models integrate precise measurements, engineering specifications, and building code requirements. Every element is modeled to scale, ensuring that what you see is exactly what you'll get, from ceiling heights to door swings to furniture placement.

Beyond these core benefits, 3D planning dramatically improves communication among all project stakeholders. Clients, architects, engineers, contractors, and investors can all view and understand the same vision, reducing miscommunication and aligning expectations. This shared understanding accelerates approval processes, facilitates financing decisions, and creates confidence throughout the project lifecycle.

OUR PROCESS

Step 1: Requirement Analysis



Every successful 3D planning project begins with a deep understanding of your unique vision, requirements, and constraints. Our requirement analysis phase is comprehensive and collaborative, ensuring we capture every detail that matters to you.

What We Explore:

- **Vision & Objectives:** We discuss your aesthetic preferences, functional requirements, and long-term goals for the space. What atmosphere do you want to create? How will the space be used? What impression should it make?
- **Site Analysis:** We thoroughly review site conditions, dimensions, orientation, topography, existing structures, and environmental factors that will influence the design.
- **Budget & Timeline:** We establish realistic parameters for both cost and schedule, ensuring our 3D planning aligns with your overall project constraints.
- **Regulatory Considerations:** We identify applicable building codes, zoning restrictions, and permit requirements early in the process.
- **Stakeholder Input:** We gather requirements from all key decision-makers to ensure the final design satisfies everyone's needs.

This foundational phase typically involves multiple consultations, site visits when possible, and detailed documentation. We believe that time invested in understanding your requirements upfront pays dividends throughout the project, resulting in 3D concepts that truly reflect your vision rather than requiring extensive revisions later.

Step 2: High-Resolution 3D Modeling

Once we've captured your requirements, our expert modeling team transforms concepts into stunning, photorealistic 3D representations. This is where your vision begins to take tangible form, allowing you to see and experience your space in unprecedented detail.



Precision Modeling

We construct accurate 3D geometry of every architectural element4walls, floors, ceilings, windows, doors, structural components, and built-in features. Every dimension matches your specifications exactly, ensuring the model serves as a reliable reference for construction.



Lighting Design

We simulate natural and artificial lighting with scientific accuracy, showing how sunlight moves through your space at different times of day and how your lighting fixtures will illuminate rooms. Proper lighting visualization is critical for understanding the true character of your design.

Our high-resolution renders are produced at presentation quality, suitable for client presentations, marketing materials, investor pitches, and regulatory submissions. We deliver multiple views and perspectives to give you a comprehensive understanding of your design from every angle.



Material & Texture Application

We apply photorealistic materials and textures to every surface, from flooring and wall finishes to countertops and cabinetry. Our extensive material library includes thousands of options, and we can source specific products to match your exact selections.



Furnishing & Detailing

We populate spaces with furniture, fixtures, equipment, and decorative elements to create a complete, lived-in visualization. This contextual detail helps you understand scale, circulation, and functionality in ways that empty rooms cannot convey.

The level of detail we achieve allows you to evaluate everything from the grain pattern in your wood flooring to the reflections in your windows, ensuring that every aesthetic decision is made with complete visual information.

Step 3: Structural & Regulatory Alignment

Beautiful design means nothing if it can't be built legally and safely. Our 3D planning process includes rigorous structural verification and regulatory compliance checking to ensure your project moves smoothly from visualization to construction.

Building Code Compliance

We verify that all aspects of the design comply with local building codes, including:

- Minimum room dimensions and ceiling heights
- Egress requirements and emergency exits
- Fire safety and compartmentation standards
- Accessibility requirements (ADA/local equivalents)
- Energy efficiency and insulation standards
- Plumbing and electrical code requirements

Structural Engineering Review

We collaborate with structural engineers to ensure:

- Load-bearing walls and columns are properly positioned
- Beam and lintel specifications are adequate
- Foundation requirements are met
- Roof structures are properly supported
- Any modifications to existing structures are feasible

Zoning & Permit Coordination

We help navigate:

- Setback requirements and property line restrictions
- Height limitations and floor area ratios
- Parking and site coverage requirements
- Environmental and historical district regulations
- Variance requirements if applicable
-

This alignment phase often involves coordination meetings with engineers, code officials, and other technical consultants. By addressing regulatory and structural considerations during the 3D planning phase, we prevent costly surprises during permitting and construction. Our clients appreciate this proactive approach, which has helped dozens of projects achieve first-submission permit approvals and avoid expensive redesigns.

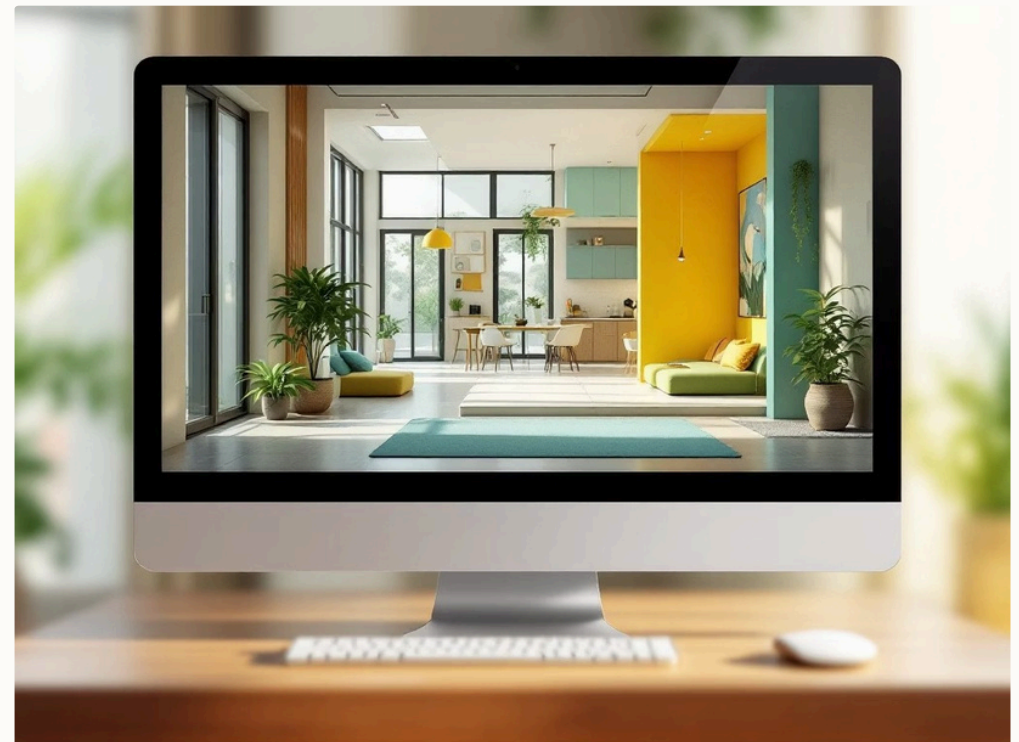
Step 4: Immersive Walkthroughs

Static images, however beautiful, can only tell part of the story. Our immersive 3D walkthroughs allow you to experience your space dynamically, moving through rooms and understanding spatial relationships exactly as you would in the completed building.

What Our Walkthroughs Provide:

- **Virtual Navigation:** Move freely through your space at your own pace, exploring every room, corridor, and outdoor area. Experience the flow and connectivity of your design firsthand.
- **Realistic Perspective:** See your space from human eye level, understanding true ceiling heights, room proportions, and sightlines as you'll experience them in reality.
- **Interactive Elements:** In our advanced walkthroughs, you can open doors, switch lighting scenarios, and even swap material finishes to evaluate different options in real-time.
- **Refined Decision Making:** Identify circulation issues, furniture placement problems, or design elements that don't work as well in three dimensions as they did in plan view.

Many clients find that experiencing the walkthrough reveals insights they never would have noticed from static renderings alone. Common discoveries include realizing a hallway feels too narrow, a room has poor natural light at certain times of day, or that a furniture layout won't work as planned.



We deliver walkthroughs in multiple formats4from high-quality video animations that can be shared with stakeholders, to interactive files that allow you to explore at will, to VR-ready experiences for clients with virtual reality equipment. These immersive tools transform the design review process, making it collaborative, intuitive, and remarkably effective at surfacing potential improvements before construction begins.

Step 5: Execution-Ready Designs

The ultimate goal of our 3D planning process is to deliver comprehensive, construction-ready documentation that contractors can confidently execute. Our final deliverables bridge the gap between design visualization and physical construction, ensuring nothing is lost in translation.



Comprehensive Documentation Package

Complete set of dimensioned floor plans, elevations, sections, and detail drawings extracted from the 3D model, ensuring perfect consistency between visualization and construction documents.



Material Specifications

Detailed schedules of all materials, finishes, fixtures, and fittings with product specifications, quantities, and installation notes. Contractors know exactly what to purchase and install.



Construction Details

Critical construction details showing how different building elements connect and integrate, preventing confusion and ensuring quality execution of complex junctions and transitions.

Quality Assurance

Before finalizing deliverables, we conduct thorough quality checks:

- Dimension verification across all drawings
- Material specification completeness
- Structural detail accuracy
- Code compliance confirmation
- Constructability review

We also provide a coordination review to identify and resolve any conflicts between architectural, structural, mechanical, and electrical systems before construction begins.

Delivery Formats

We deliver your execution-ready designs in formats that work for your entire team:

- High-resolution PDF drawing sets
- CAD files for contractor use
- 3D model files for coordination
- Photorealistic renderings for reference
- Material and finish sample recommendations

Our goal is to provide everything your construction team needs to build your project accurately, efficiently, and with confidence, eliminating the confusion and costly field changes that plague projects lacking detailed 3D planning.

OUR 3D DESIGN SPECIALIZATIONS

Our expertise spans a diverse range of project types, each with unique design challenges and visualization requirements. No matter what you're building, we have the specialized knowledge and experience to bring your vision to life.

Residential Homes

From cozy single-family homes to sprawling estates, we create 3D visualizations that help homeowners see their dream home before construction begins. We specialize in custom residential design, renovation planning, and landscape integration.

Apartments & Multi-Family

For developers and investors, we provide comprehensive 3D planning for apartment buildings, condominiums, and multi-family developments. Our visualizations support marketing efforts, investor presentations, and unit pre-sales.

Industrial Buildings

We understand the unique requirements of industrial facilities from warehouse layouts optimized for logistics to manufacturing spaces designed for specific production processes. Our 3D planning ensures functionality meets budget.

Modern & Traditional Interiors

Whether your aesthetic is sleek contemporary minimalism or classic traditional elegance, our interior 3D visualizations capture the exact ambiance you're seeking. We excel at:

- Custom kitchen and bathroom design
- Living and entertainment spaces
- Home office and study areas
- Bedroom and private space planning
- Commercial interior fitouts

Turnkey Project 3D Design

For clients seeking comprehensive project delivery, we provide complete turnkey 3D design services covering:

- Architecture and spatial planning
- Interior design and furnishing
- Landscape and exterior design
- MEP system coordination
- Material selection and procurement support

BENEFITS OF CHOOSING US

When you partner with Om Sai Building Solutions for your 3D planning and design needs, you're choosing a team committed to excellence, accuracy, and client satisfaction. Here's what sets us apart from other visualization providers.

High-Resolution Renders

We deliver stunning, photorealistic visualizations at presentation quality. Our advanced rendering technology and artistic expertise produce images indistinguishable from photography, perfect for client presentations, marketing materials, and investor pitches.

Tailor-MadeConcepts

We don't believe in cookie-cutter solutions. Every project receives customized attention, with 3D concepts designed specifically for your unique requirements, preferences, and site conditions. Your vision drives our design process.

Multiple Revisions

We include generous revision allowances in our service packages because we know that great design evolves through refinement. Make changes, explore alternatives, and perfect every detail until you're completely satisfied.

Accurate Measurements

Every element in our 3D models is built to precise scale and dimensions. What you see is exactly what you'll get, eliminating the guesswork and ensuring contractors can build directly from our visualizations.

Budget-Friendly Planning

Our 3D planning services are competitively priced and deliver exceptional value. By identifying issues and opportunities early, we help you avoid expensive construction changes, making our services an investment that pays for itself many times over.



Ready to visualize your project? Contact Om Sai Building Solutions today to discuss your 3D planning and design needs. Let us transform your ideas into photorealistic reality and give you the confidence to move forward with your construction project. Our team is ready to bring your vision to life with precision, creativity, and unwavering attention to detail.

EXPLORE OUR OTHER SERVICES ALSO

- Commercial Constructions
- Residential Construction
- Commercial Interior Design
- Turnkey Projects
- Rennovation & Remodelling
- Residential Interior Design

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☐ **Ready to transform your space?** Contact us today for a consultation and let's bring your dream home to life.