

**EZYTCH**

MAKE POSSIBLE

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# DIGITAL DRAFTING

## SOLUTIONS

EzyTch give solutions for all your drafting requirements including Design drawings, Shop drawings, 3D rendering & modelling, BIM to name few.



# 2D & 3D CAD DRAFTING

## WHAT TO EXPECT?

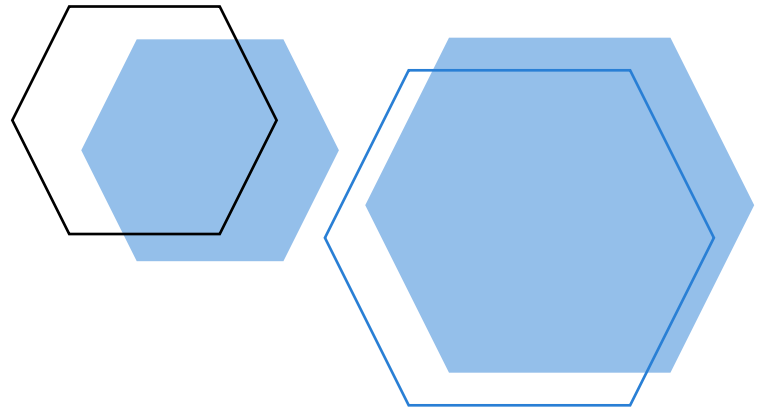
3D drawing is one of the most commonly used techniques by architects, civil construction professionals, and graphic designers to understand the geometric elements of their projects.

Drawings are made in 'DWG' format, which is the proprietary native file format for AutoCAD. It is a compact binary format that stores and describes the content of 2D and 3D design data and metadata.

We can collaborate with your designers for comprehensive 3D modeling services and detailed 2D CAD drawings to convey the design intent.

Benefits of using 3D drawing,

- 1) Increased productivity
- 2) Streamlining design and documentation workflow



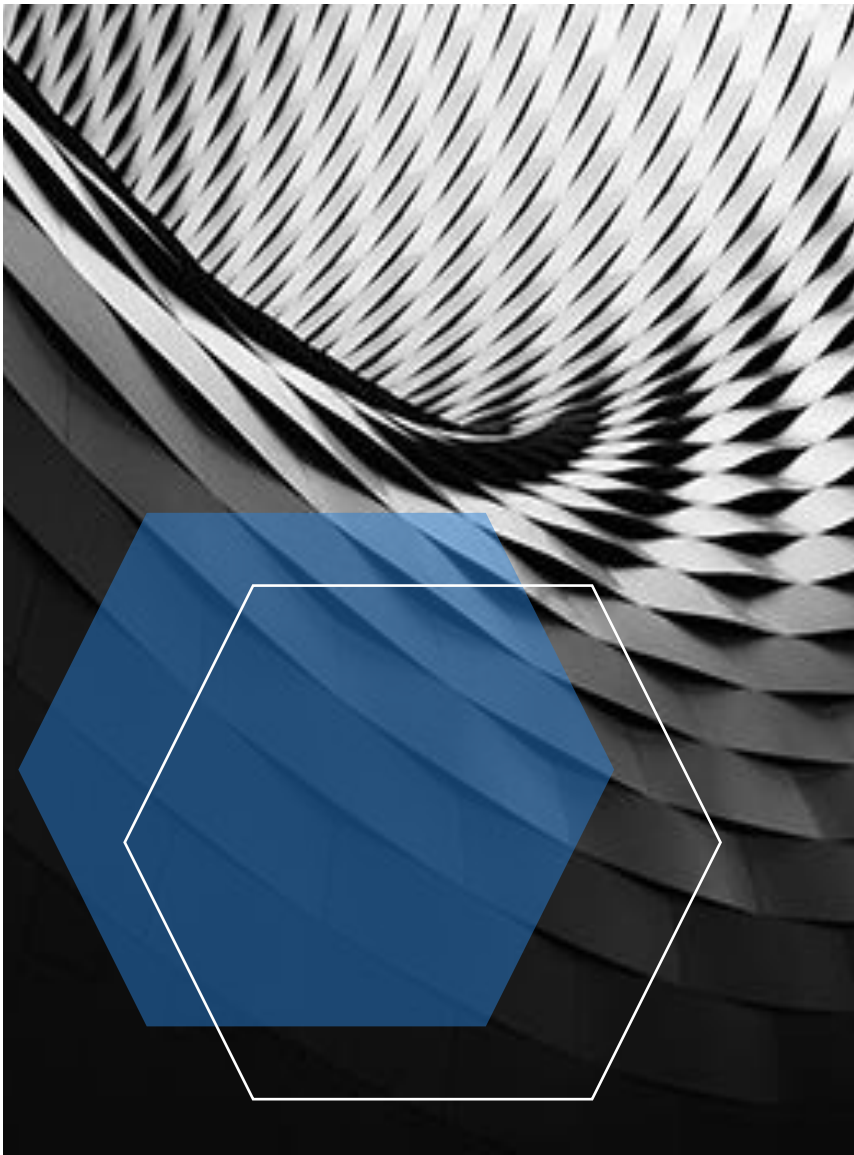
# BIM

## WHAT TO EXPECT?

BIM stands for, Building Information Modelling. It is an intelligent 3D model-based process that gives architecture, engineering, and construction professionals the insight and tools to efficiently plan, design, construct, and manage buildings and infrastructure.

By implementing BIM, the client is benefited to.

- 1) Faster design and Construction
- 2) Precise Planning
- 3) Visualization at an early stage of a project
- 4) Better communication
- 5) Reduced errors and delays due to that
- 6) Overall competitive business model.



# 3D MODELLING

## WHAT TO EXPECT?

As many in the industry knows, 2D drawings shows length and width, 3D drawings shows volume and depth of the design element; Modeling three-dimensional solid features often begins with creating a two-dimensional sketch that defines a portion of the shape and then sketching the lines, arcs, circles, and dimensions.

Benefits of 3D modelling,

- 1) Easy to understand visual concept of project.
- 2) Easy & Faster decisions
- 3) Avoids Costly Mistakes.
- 4) Work More Efficiently
- 5) Streamlining Design

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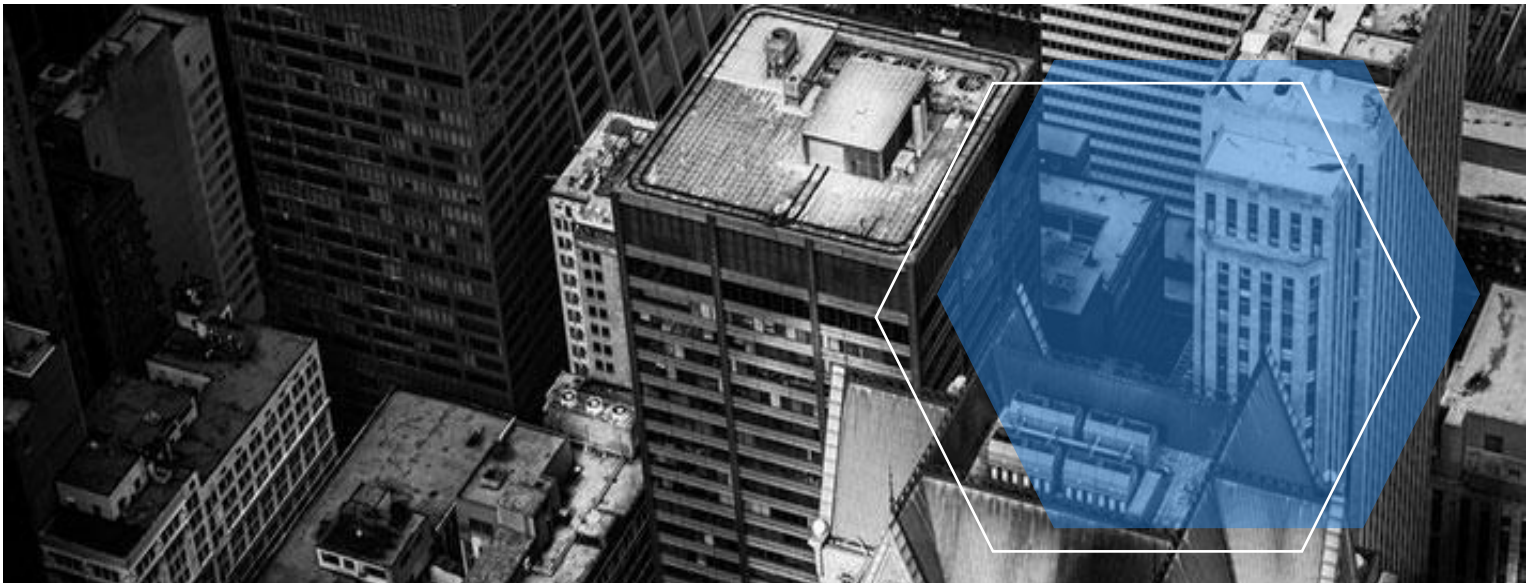
# CAD AUTOMATION

## WHAT TO EXPECT?

CAD automation aids to capture and reuse the intent of an engineering idea. Application of the same is the limit of imagination of the designer.

Benefits of CAD Automation,

- 1) Design of precise parts.
- 2) Saves times on repetitive modelling.
- 3) Scalable to streamline downstream development process.
- 4) Faster production of prototypes



# CAD DRAWING CONVERSION AND MIGRATION

## WHAT TO EXPECT?

We can support the client to digitalize engineering drawings in various industry formats like ASME, ANSI, ASTM, BS, ISO, DIN, SAE, and MIL.

List of drawing conversions,

- 1) Hand drawings to 2D
- 2) 3D to 2D autoCAD
- 3) CAD redrafting and conversion to autoCAD
- 4) AutoCAD to ArchiCAD conversion and vice versa

