



Olilo's AEC Design Services



SrinSoft Inc, Partners of



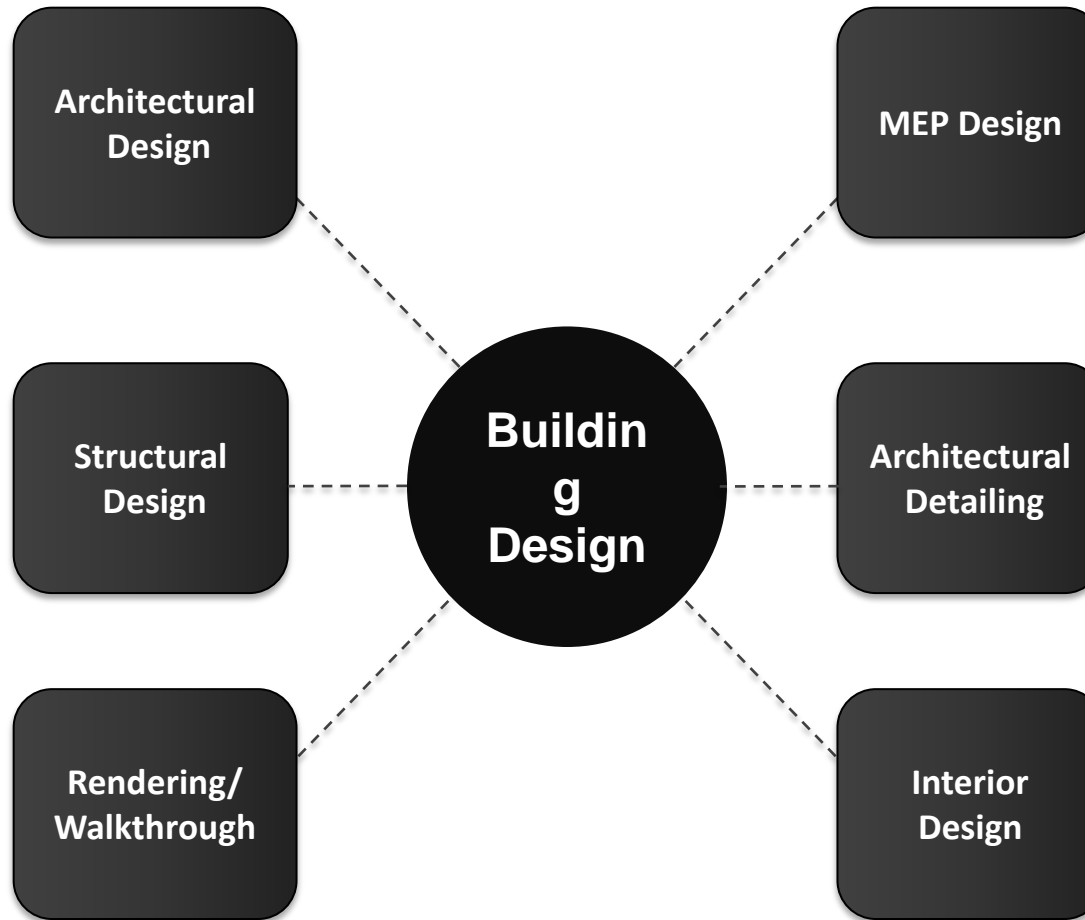
Design Services - Overview

Olilo provides design services that include design and analysis, cost estimation, 3D modeling, 2D drafting, conversion from 2D to 2D, quantity take-off, construction documentation and design of mechanical components etc. Our professionals have expertise in Autodesk Revit, AutoCAD, Inventor, Microstation, Creo, SolidWorks etc

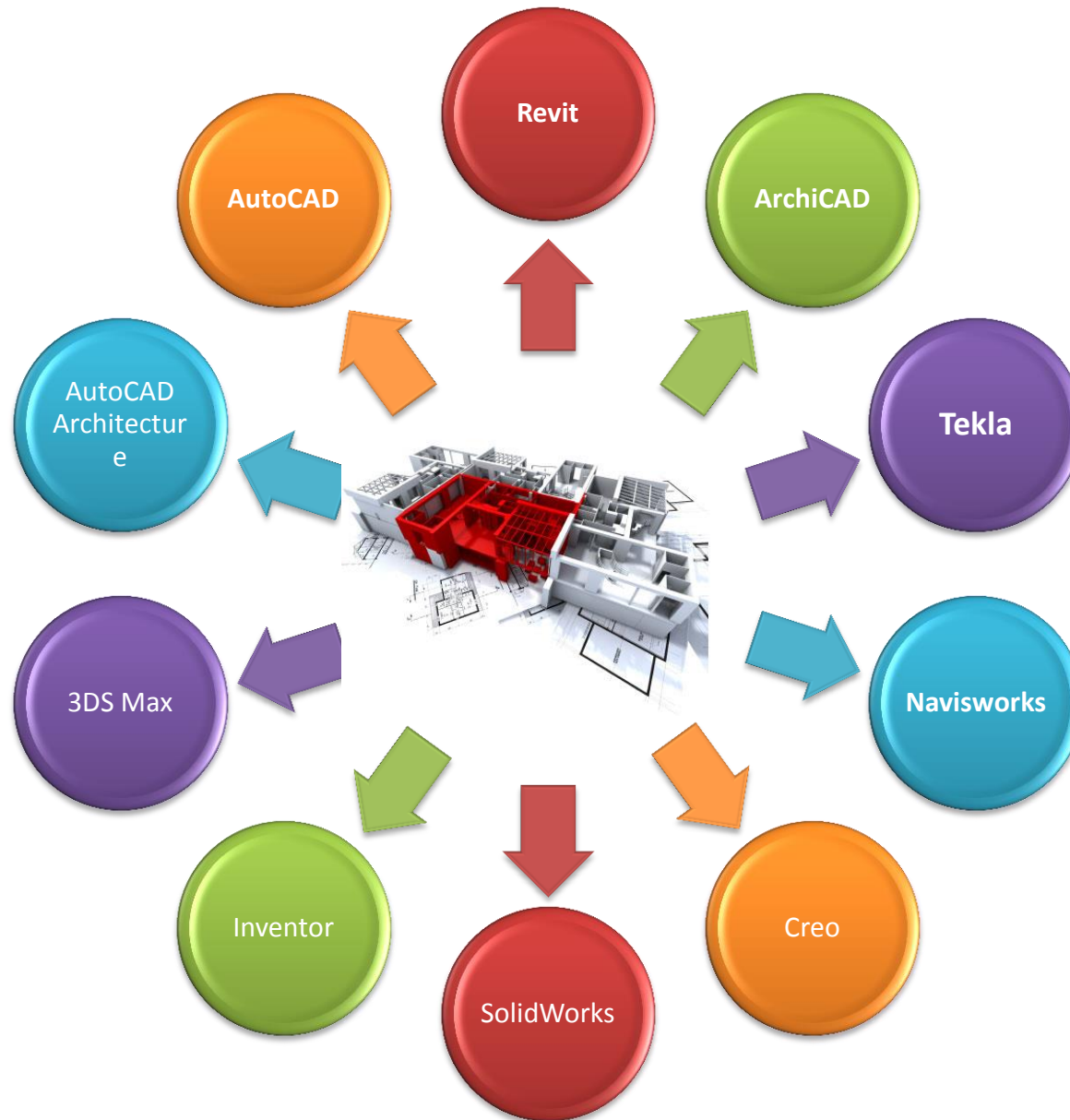
Olilo actively help customers to enhance overall project efficiency and margin by achieving complete coordination among all designers, consultants and contractors through integration of all project data in a single digital model.

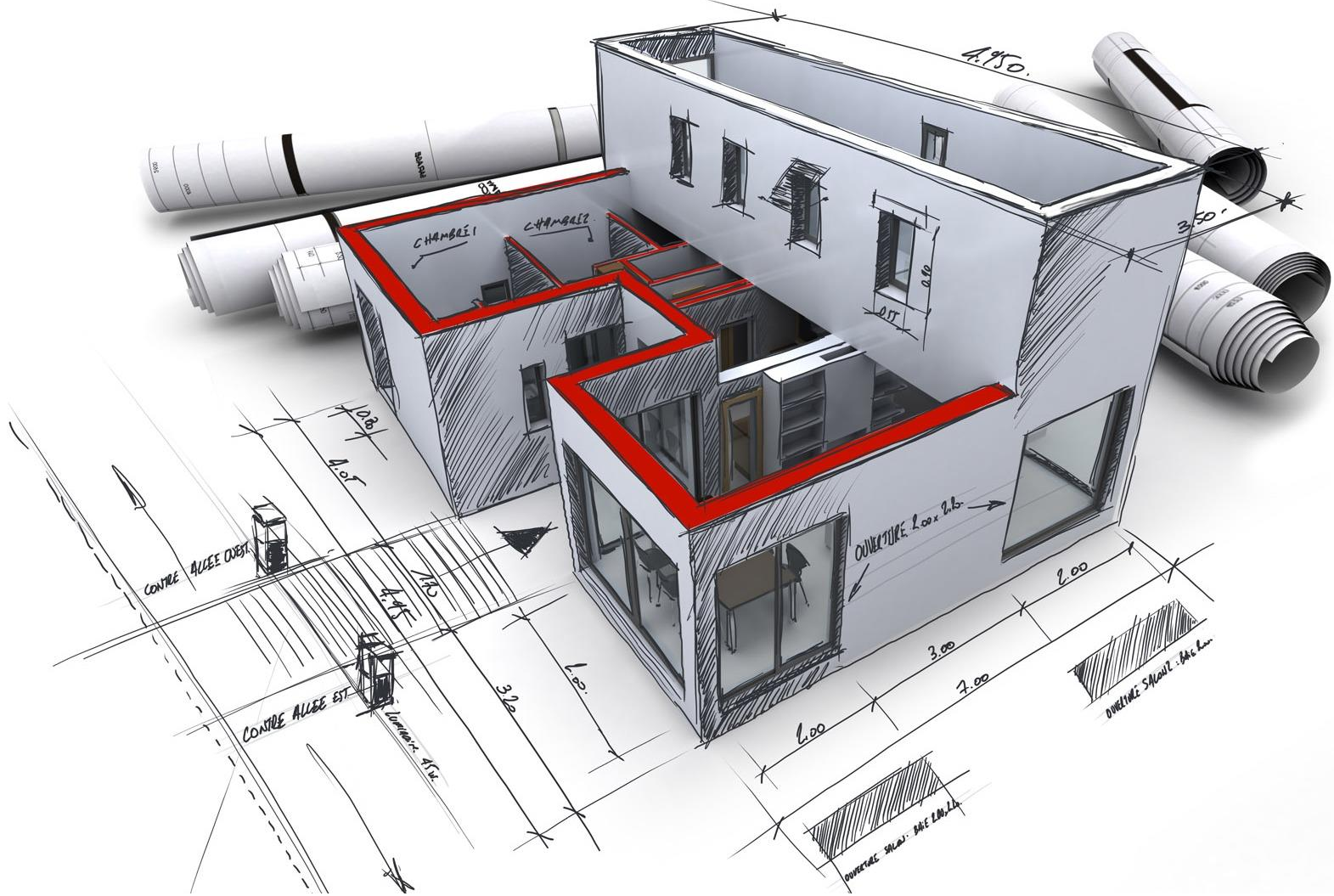
Olilo provides coordinated services between Architectural, Structural, MEP, and BIM for Infrastructure services.

Building Design Services



Software Expertise





Architectural Design Services

Architectural Design Services

- Overview

Olilo maintains a reputation for delivering exceptional architectural design services to government, research, education, private sector, and industrial clients. The firm's extensive services ranges from the planning and design of technically sophisticated restaurants, private sector industrial buildings, office, manufacturing, and warehouse projects.

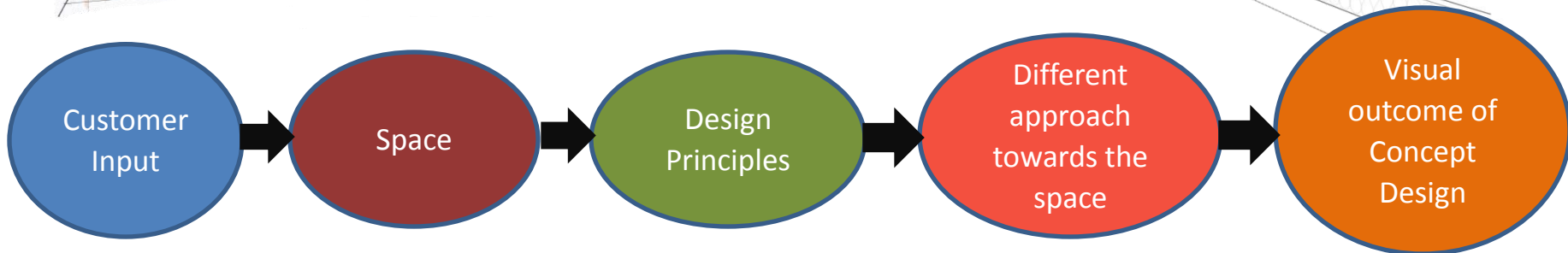
Olilo's architects are experienced at identifying client needs and program requirements and translating that knowledge into responsive design solutions.

Olilo's design team consistently delivers functional, aesthetically pleasing, and sustainable solutions.

Concept Design

Design concept is the primary logic behind the design. Our designers study and understand the space to think about the concept and create a framework for how the space should be.

Conceptual descriptions set at the early stages of the design process are used to frame some general design approach. Interpreting the output of the design action confers meaning on the concepts. Conceptual frameworks can assist in setting boundaries and framing reasonable objectives.



Architectural Design Services

Schematic design

- Exterior view of the building
- Interior view of the building
- 3D Visualization
- 2D CAD Drafting

Design Development

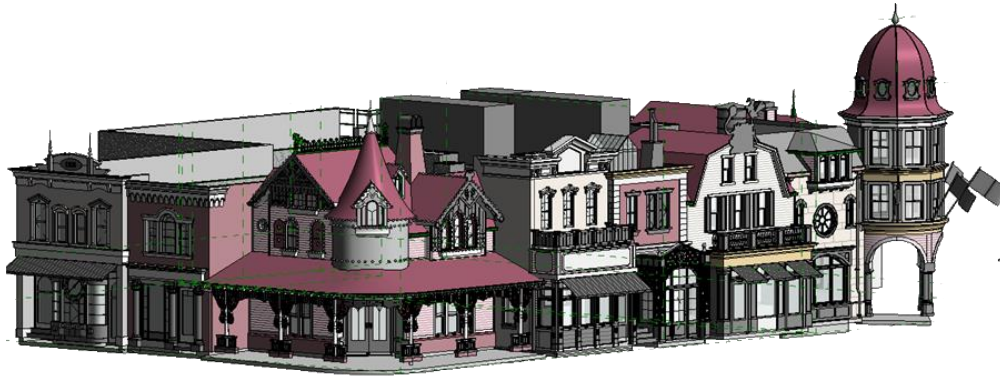
- Elevations
- Floor plans
- Building schemes
- Information on material specifications, quantities, time schedules and costs

Construction Document

- Building Sections
- Staircase/Vertical Circulation details
- Construction details



Architectural Design Services



Architectural Detailing

Olilo help builders, contractors, architects, and civil engineers to optimize their needs on architecture detailing. Our architecture detailing services help you focus on core business while we leverage our experience and expertise in drafting accurate architecture detail drawings.

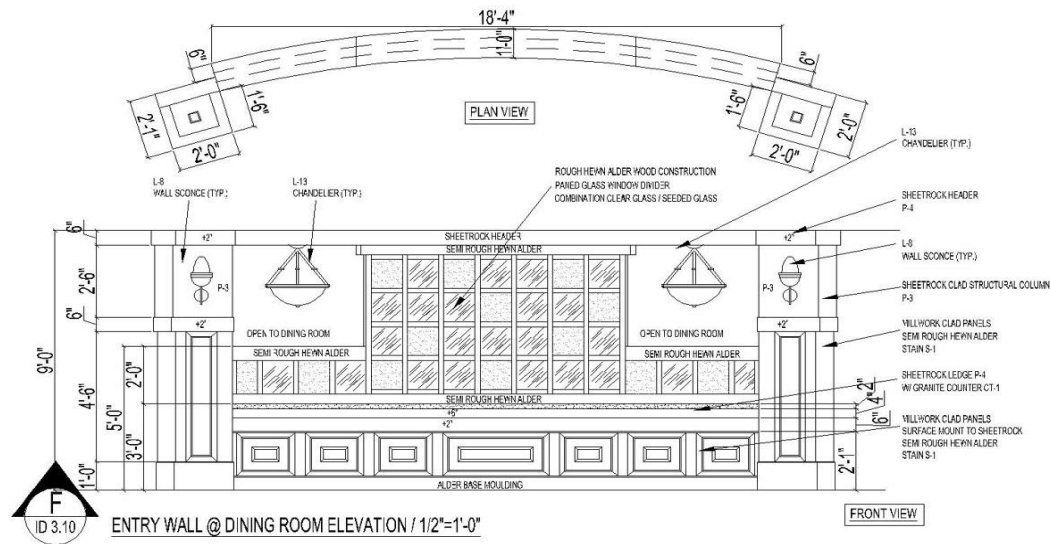
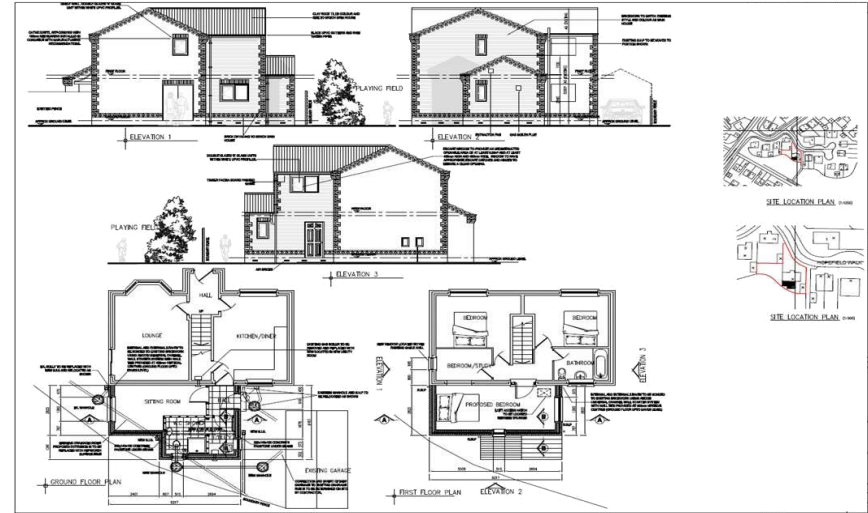
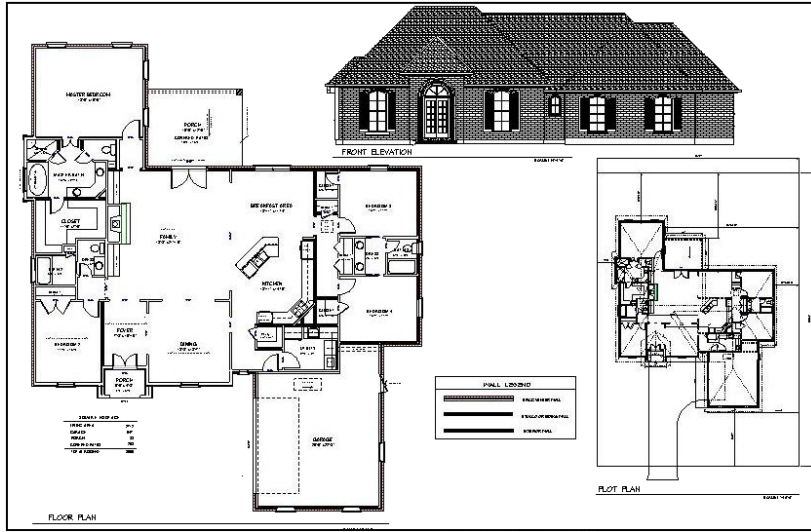
Contractors and builders have a huge dependence on architecture detail drawings. Therefore, it is imperative to place construction data in relevant layers so as to avoid modifications at a later stage.

Our team comprised of experienced engineers and architects, leverage latest tools and technologies to create dimensionally accurate all types of architectural details.

Olilo's Architectural Detailing Services :

- Architectural Floor Plan Drawings
- Architectural Elevation Drawings
- Cross-Sectional Drawings
- Dimensional Plans
- Site Plan Layouts

Architectural Detailing





Structural Design Services

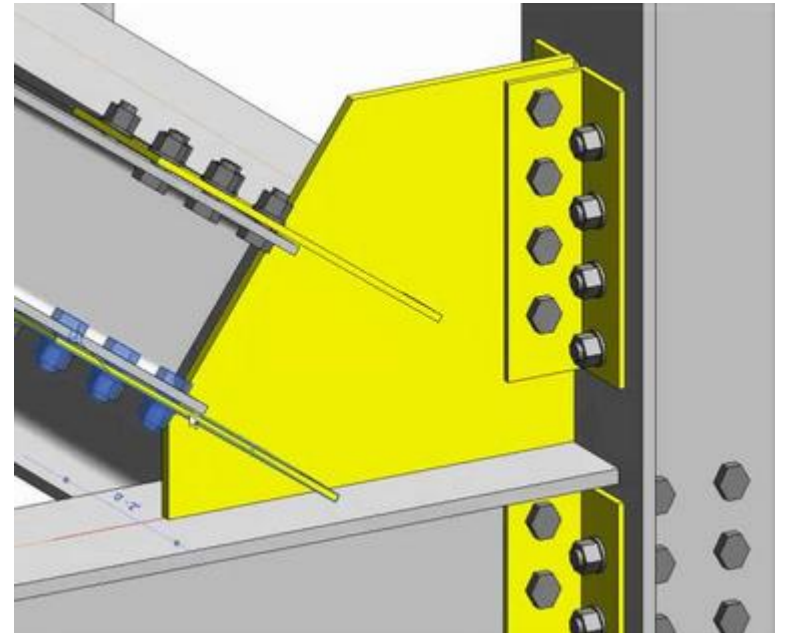
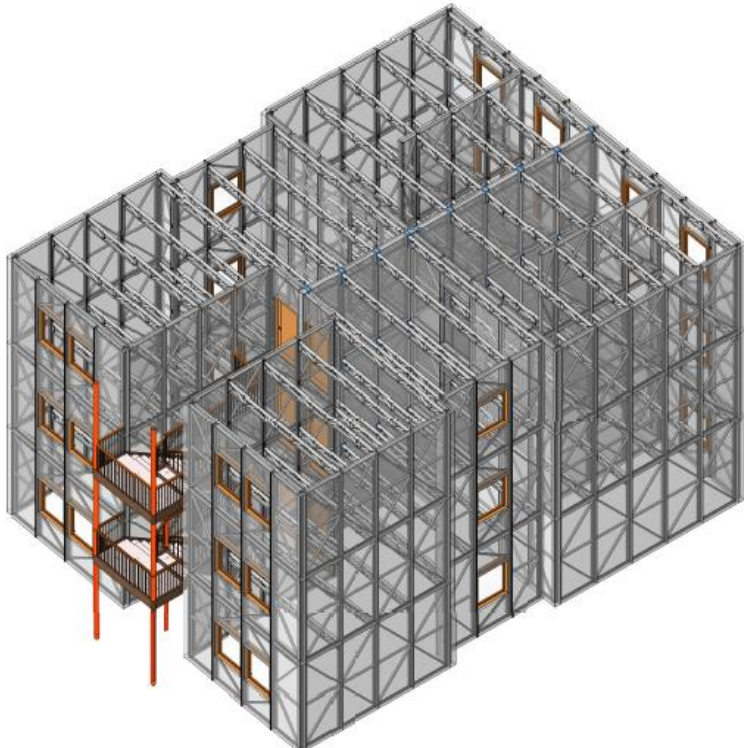
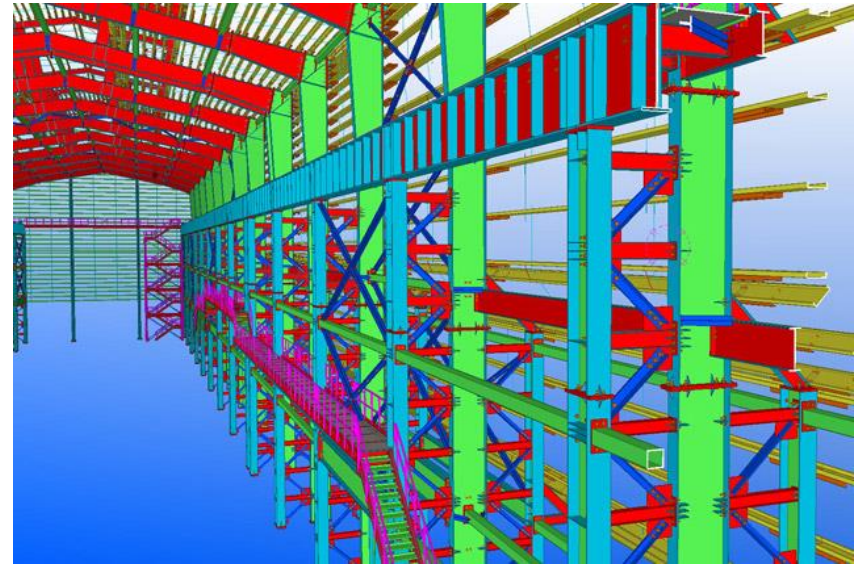
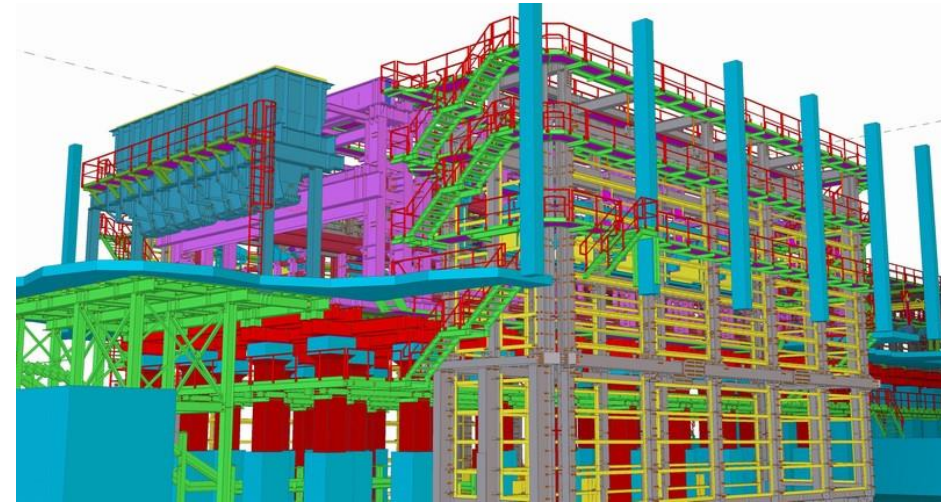
Structural Design

Olilo's caters to the demands of structural engineering services pertaining to steel, composite, reinforced concrete, pre-stress, post tensioned and masonry structures to name a few. Serving as an extend arm to structural engineering firms, we have worked for a lot of complex and structurally demanding projects that involve load calculation, foundation design, retaining wall design, roof structure, beam/slab/column/frame design, Steel /Concrete/ RCC structure design etc.

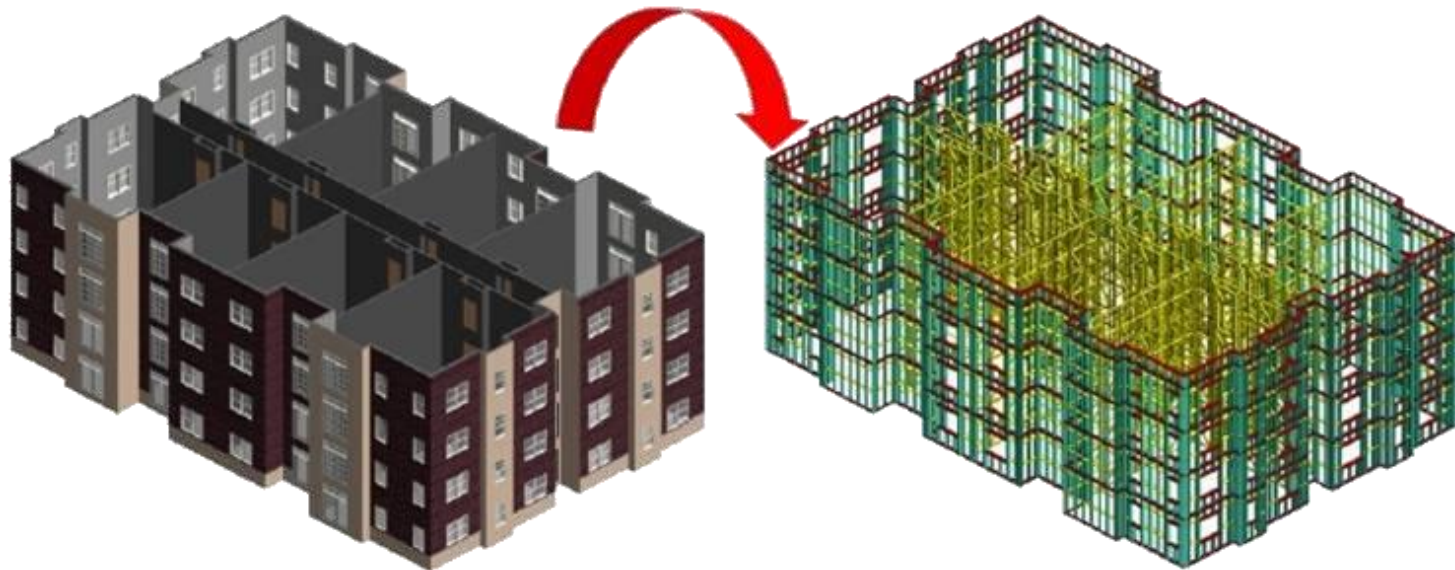
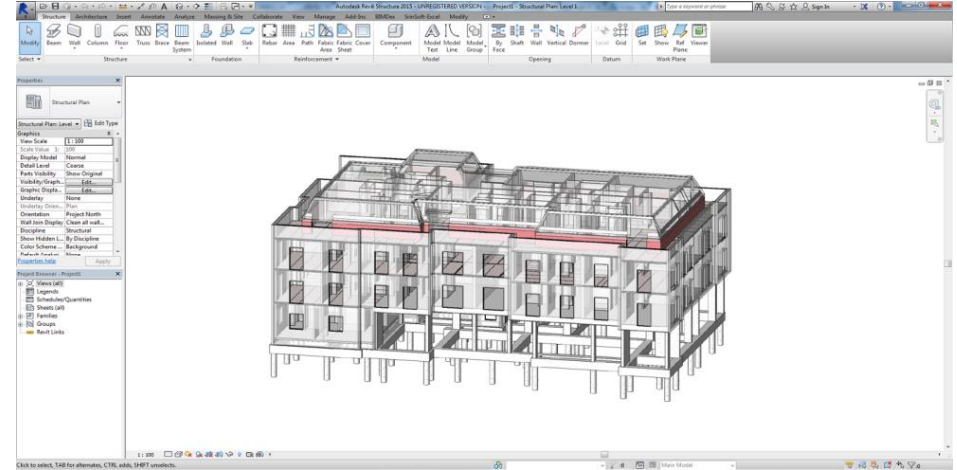
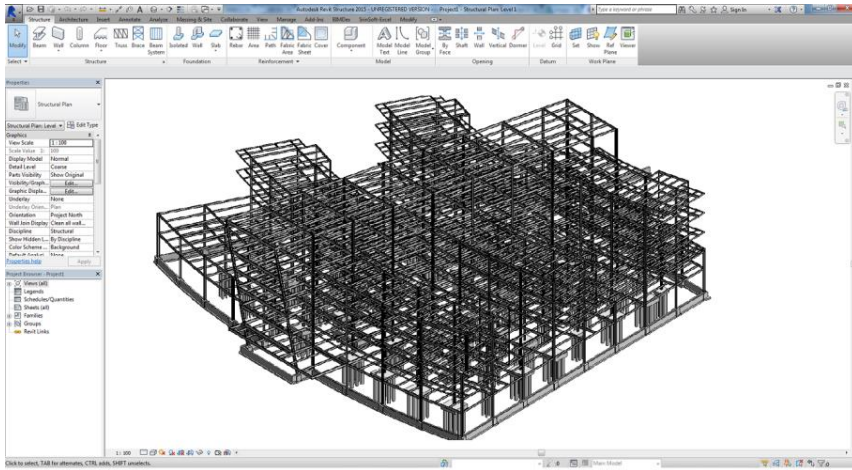
Olilo's Structural Design Services:

- ✓ Preparation of Accurate 3D Models for the Complete Structure from the Architectural and Structural Drawings
- ✓ Detailing for Structural designs
- ✓ Detailed Construction/Working Drawings for structures
- ✓ Shop Drawings of Beams, Columns, Joists, Stairs, Lintels, Roof Frames, Shelf Angles, Bearing Plates, Frames, Bracings and Wall Partition Supports
- ✓ Structural Design, Analysis and Validation
- ✓ 3D Modeling and Production sequences / Erection Drawings for Construction Management and Visualization

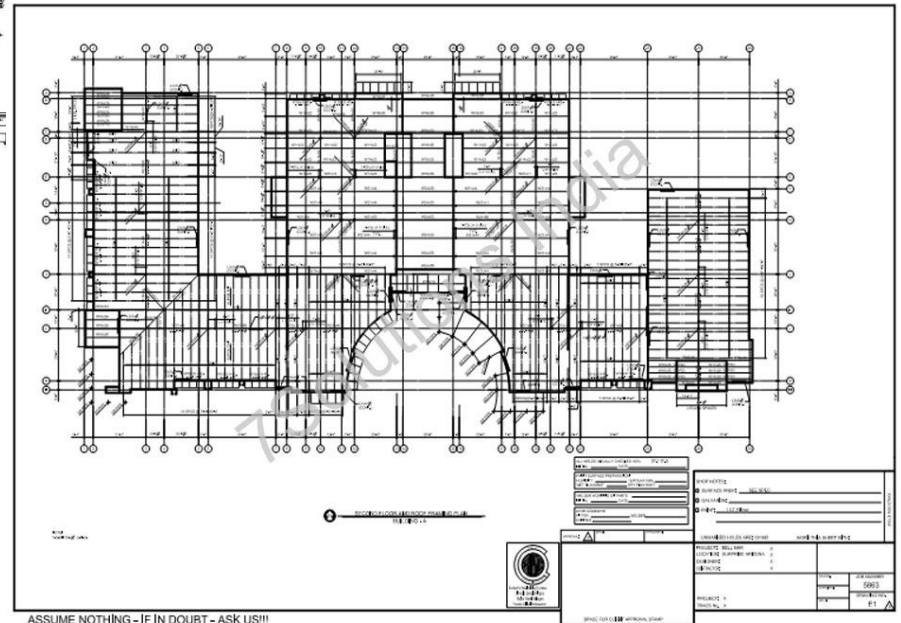
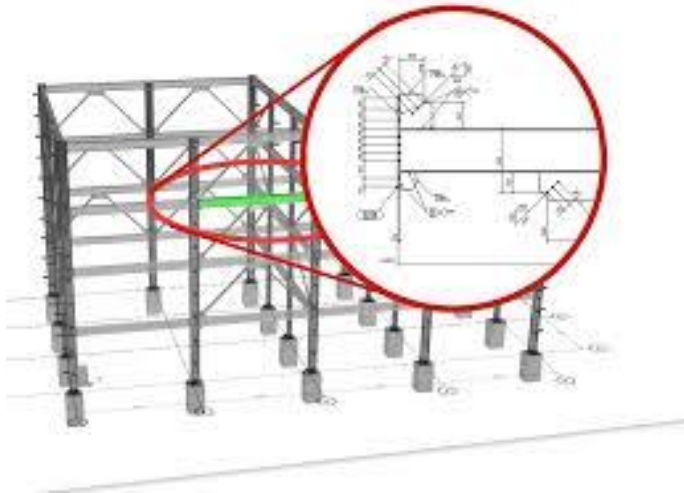
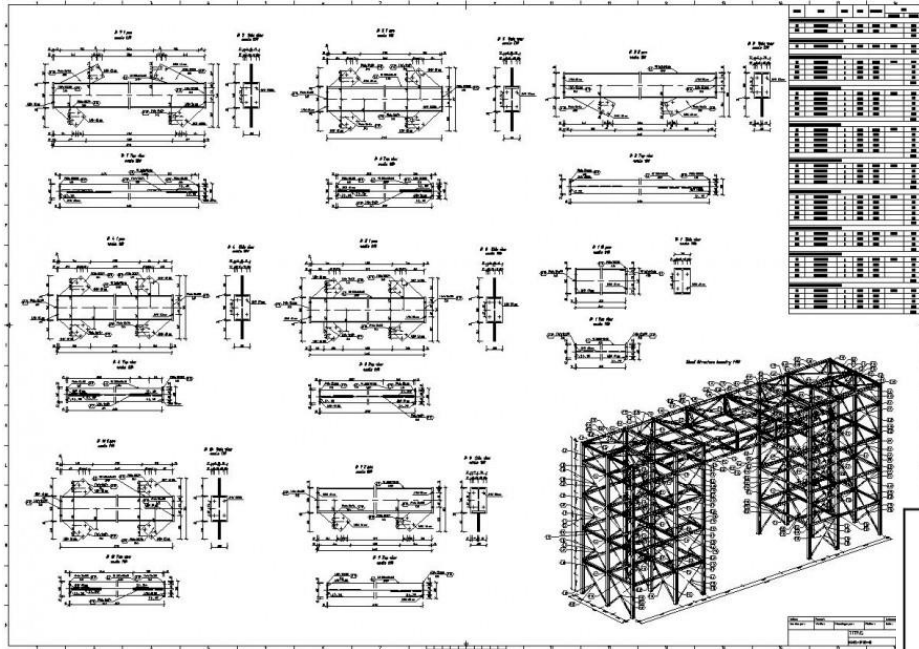
Structural Design



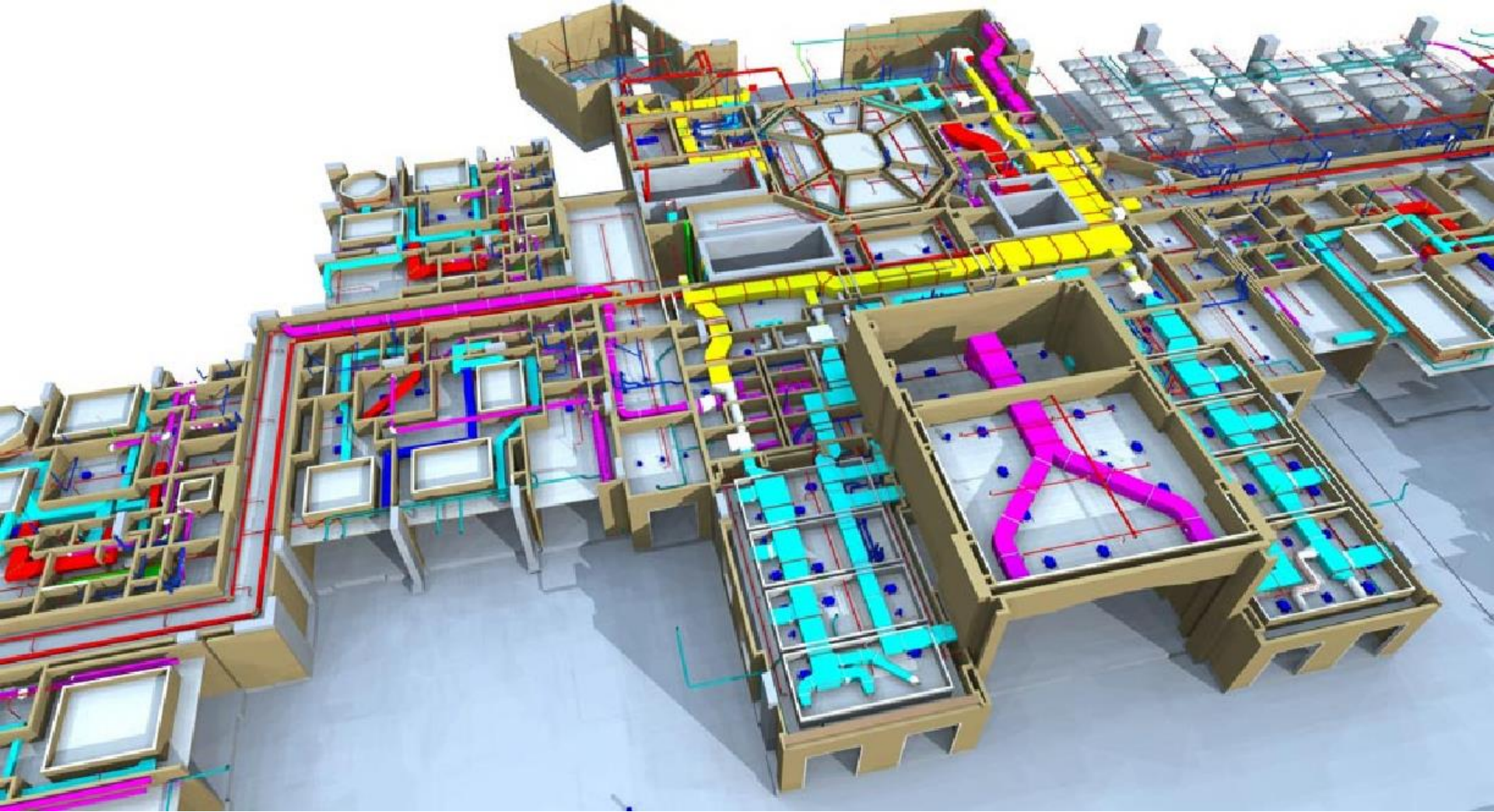
Structural Design



Structural Detailing



ASSUME NOTHING - IF IN DOUBT - ASK US!!!



MEP Design Services

MEP Design Services

Olilo provides its clients with creative and custom MEP (mechanical, electrical, plumbing) design services. From simple concept drawings to detailed design projects, our staff has the knowledge and expertise to meet and exceed your requirements and expectations. At Olilo, we adhere to all the required BIM standards like

- ❖ ASHRAE (HVAC)
- ❖ AS
- ❖ IBC
- ❖ ACCA
- ❖ UBC
- ❖ AIA-drawing standards

We also ensure that all our drawings and designs are compliant with the BOMA (Building Owners and Managers Association) and IFMA (International Facility Manager Association) standards. We also have great expertise with local code requirements like the

- ❖ Saudi Building Code
- ❖ Qatar Fire Safety Standards
- ❖ Gulf Cooperation Council Fire Codes etc.

MEP Design Services

Mechanical Services

- ✓ Mechanical Duct and Duct Fittings Modeling
- ✓ Mechanical Equipment Modeling as per submittal/cut-sheet provided
- ✓ Duct Layout as per project specification and code applicable
- ✓ BOQ of Ducts, Duct Fittings, Mechanical Equipment, Diffusers, Grills, etc.
- ✓ Mechanical Equipment Detailing (sections and isometric)
- ✓ Mechanical Components Modeling (with connections)
- ✓ Walk-Through of MEP / BIM Models
- ✓ Rendered views of Mechanical BIM Models

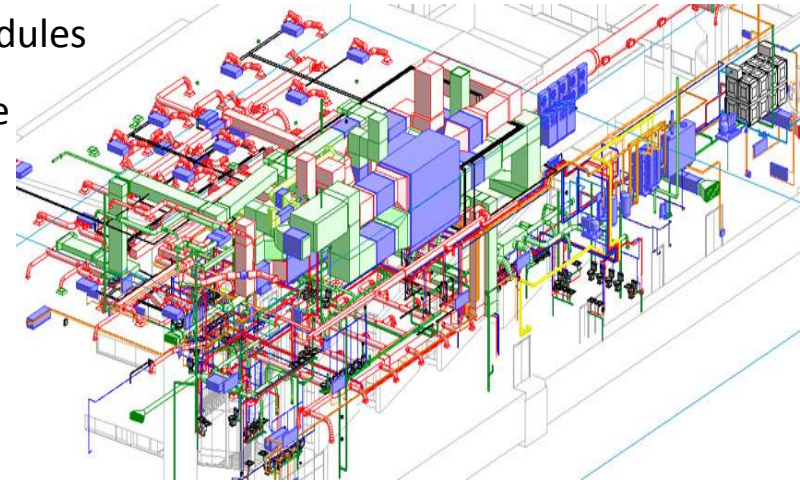
Mechanical Piping

- ✓ Coordinated 3D Piping Models
- ✓ Mechanical Piping Shop Drawings
- ✓ Mechanical Room Layout Models
- ✓ Sleeve / Penetration Drawings

MEP Design Services

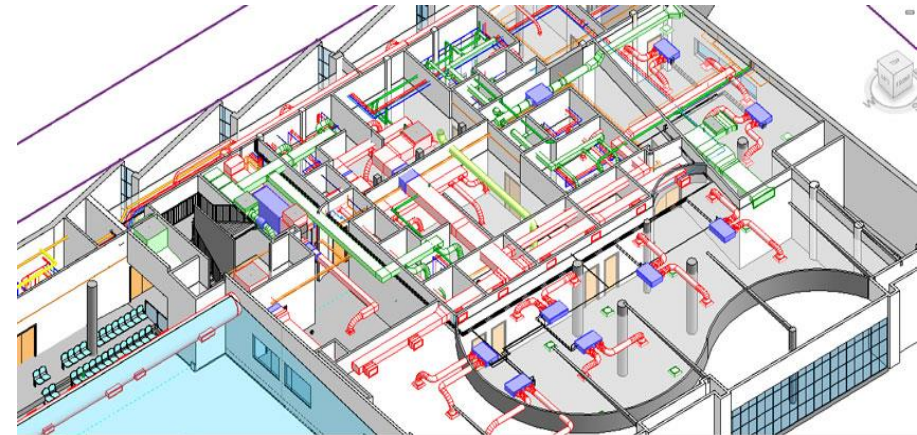
Electrical BIM Services

- ✓ Electrical Lighting Fixtures Layout Modeling as per given schedules
- ✓ Detailed light fixtures with including : volts, lamps, fitting type
- ✓ Wiring of fixtures with switches and panels as per drawing
- ✓ Cable trays in BIM Electrical Model as per given drawings
- ✓ Rendering of BIM Model with Lights
- ✓ Walk through of Electrical BIM Model
- ✓ BOQ of Electrical Elements
- ✓ Schedules of circuits and panel boards

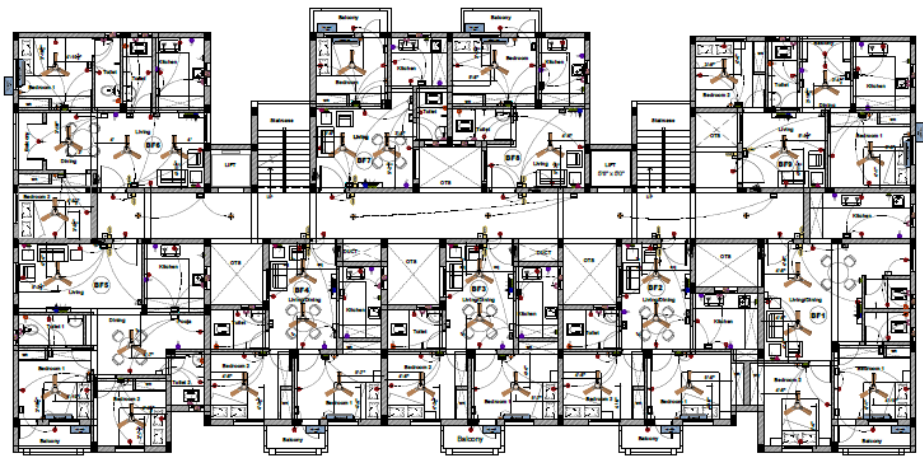
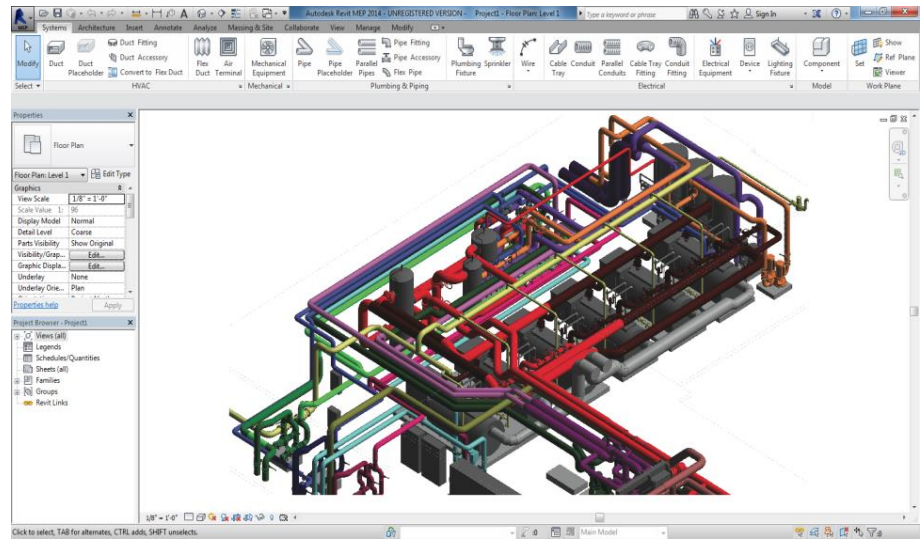
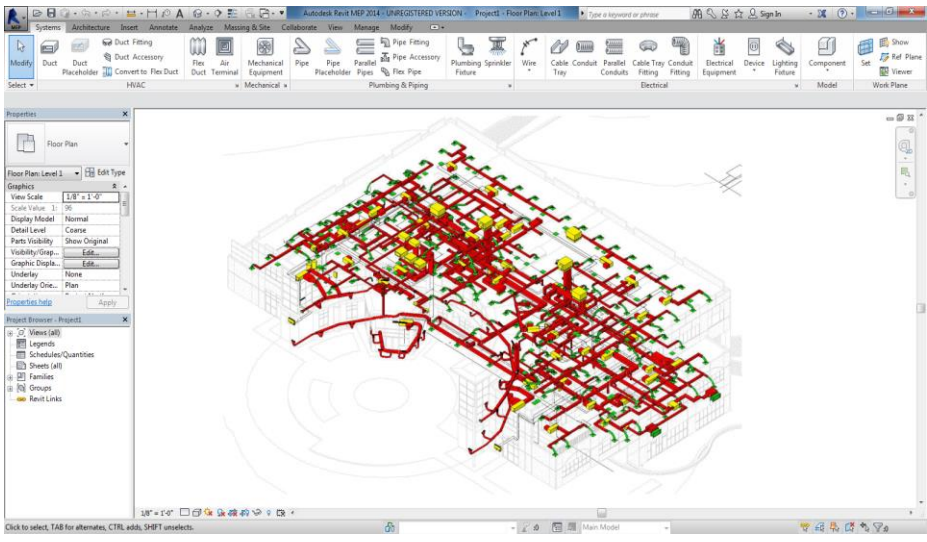


Plumbing BIM Services

- ✓ Plumbing and Drainage Drafting Services
- ✓ Compressed Air Gas System Plan Drawings
- ✓ Equipment Schedules
- ✓ Sanitary Fixture Revit Models
- ✓ Water supply and Distribution Plan Drafting services



MEP Design Services



TYPICAL FLOOR PLAN (1, 2 & 3)

LEGEND					
SYMBOL	DESCRIPTION	HEIGHT FROM FFL (ft)	SYMBOL	DESCRIPTION	HEIGHT FROM FFL (ft)
	Red Light	2'0"		18 Amps socket without switch for power	2'0"
	Ceiling Fan point	-		18 Amps socket without switch for lighting	2'0"
	6 Amps socket with switch	2'0" / 1'0" / 4'0"		Fluorescent Ballast for 40W	2'0"
	18 Amps socket with switch	2'0" / 4'0"		Telephone point	2'0"
	TV Point	2'0"		Point Light	4'0"
	18 Amps socket without switch for power	2'0"		2 Way Switch	4'0"
	18 Amps socket without switch for lighting	2'0"		Switch box	4'0"
	Fluorescent Ballast for 40W	2'0"		Ceiling Fan location	-
	Telephone point	2'0"		Outside Unit	-
	Point Light	4'0"		Air Inlet Unit	-
	Ceiling Fan point	-		Air Outdoor Unit	-
	Ceiling light point	4'0"			



Interior Design Services

Interior Design

Olilo is not limited to artistic dimensions but we are a complete one-stop shop, providing end-to-end services to bring you vision into realms of reality. Our wide experience and in-depth knowledge of architecture, furniture and art along with the latest technology from Italy leads us to create interior spaces that are timeless, luxurious and unique. The blend of textures, color and furniture creates exceptional living environments that are relaxed and comfortable.

- Design with concept development, such as space planning, color concept, material selection and furnishings selection.
- Design amusing furniture layout, lighting and interior elements.
- We provide interior design for commercial, institutions and hotels.

Interior





Presentation Services

Rendering/Walkthrough Services

Olilo provides services to architectural firms, interior designers, builders and real estate. Our team of well-trained, qualified, and experienced designers are proficient in addressing your precise needs.

Olilo creates high detailed, realistic 3D architectural renderings on projects around the world ranging from various industries by collaborating with architects, designers, developers, builders.

We provide 3D renderings with the exact design, material and lighting specifications of your scheme, including people, vegetation, fixtures, fittings, furniture.

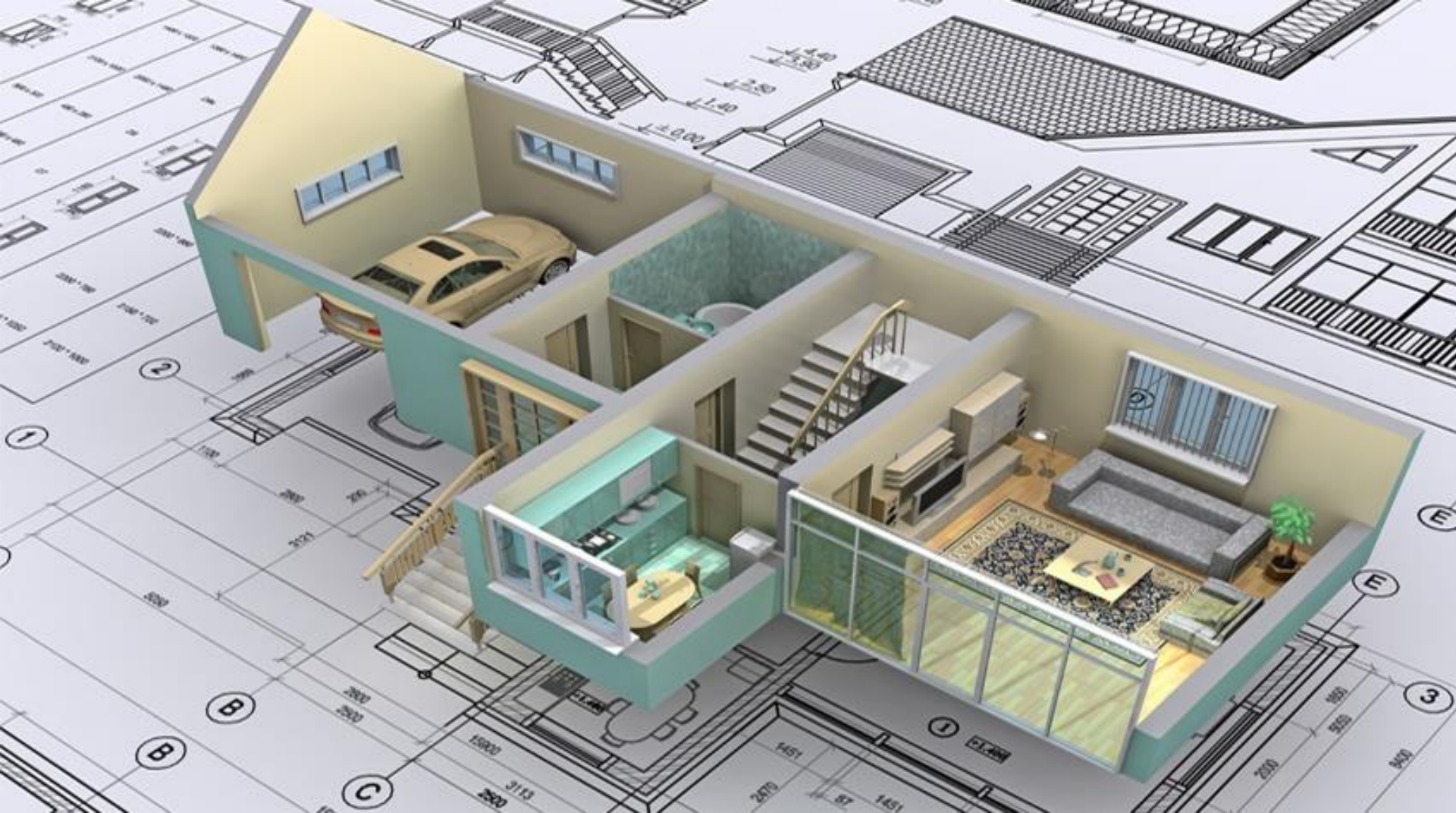
We have expertise in 3DS Max, Vray, Skectchup and other rendering software's.

Olilo Rendering /Walkthrough Services Include

- ✓ 3D Exterior Rendering
- ✓ 3D Interior Rendering
- ✓ Photo Realistic 3D Architectural Renderings
- ✓ 3D Architectural Animation
- ✓ 3D Architectural Flyby and Walkthrough
- ✓ Landscape designing

Rendering/Walkthrough





Drafting Services

CAD Conversion Services

Olilo offers a wide range of CAD conversion services, including AutoCAD conversion, paper and PDF to CAD conversion etc.,

Olilo CAD Conversion services include:

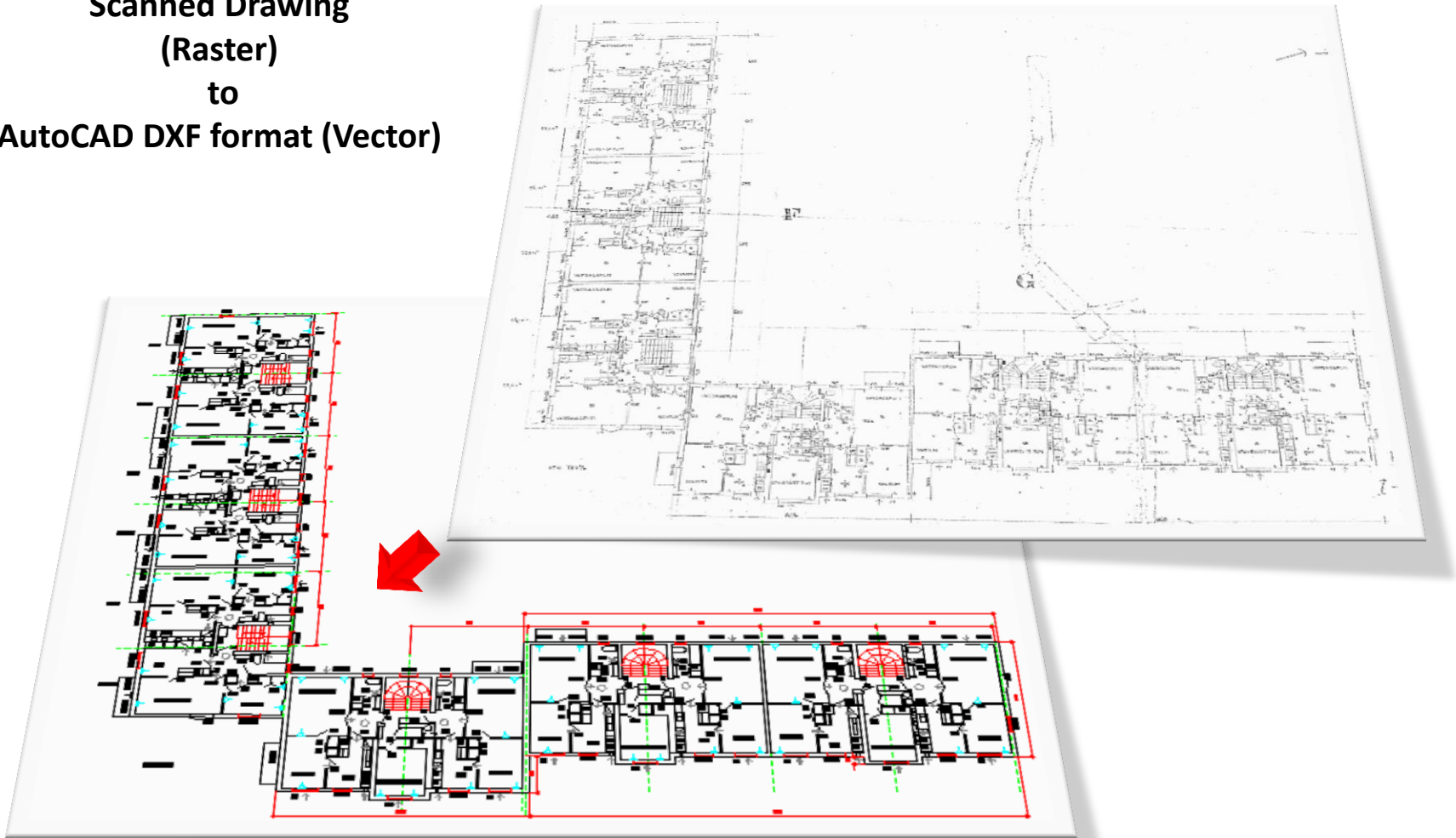
- ✓ Paper to CAD Conversion
- ✓ Digitization
- ✓ Raster image to CAD Conversion
- ✓ Hand Sketches to CAD Conversion
- ✓ Scanned Documents to CAD conversion
- ✓ Photographs to CAD Conversion

Advantages of CAD Conversion

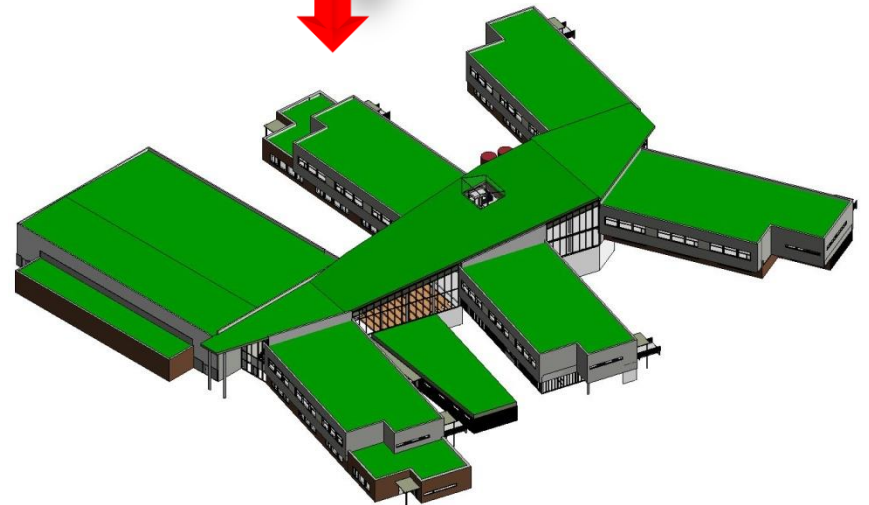
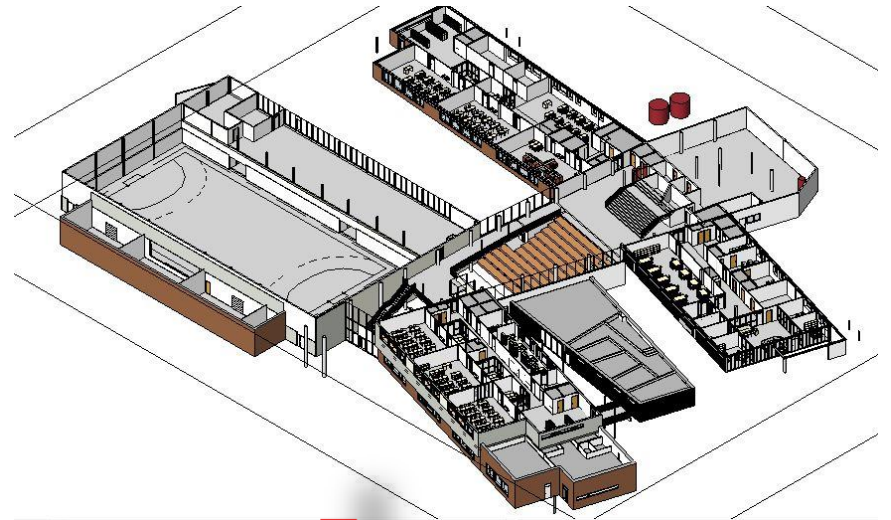
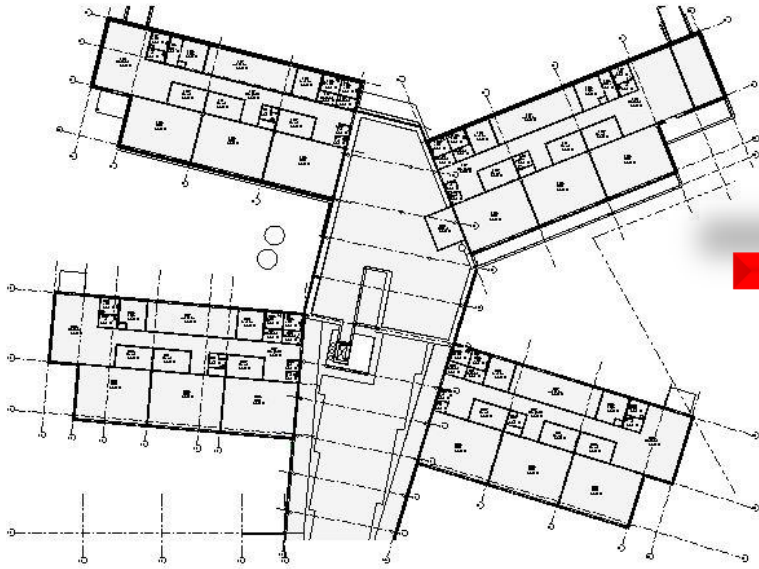
- ✓ The ability to create renderings and animations for design proposals or reviews
- ✓ Faster product design
- ✓ Easily incorporate late design changes
- ✓ Data management to organize and manage your design data

Legacy Conversion

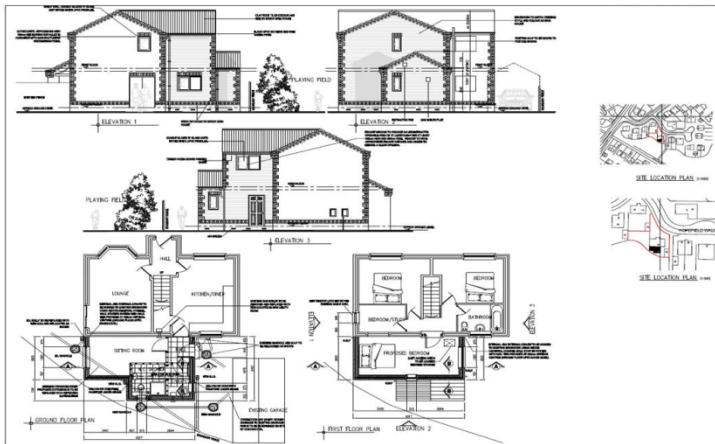
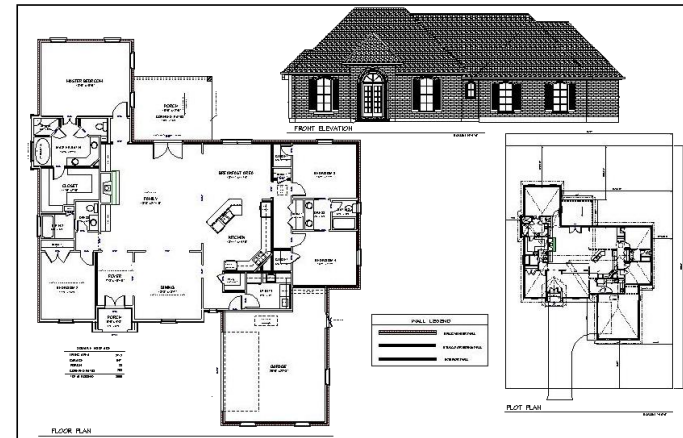
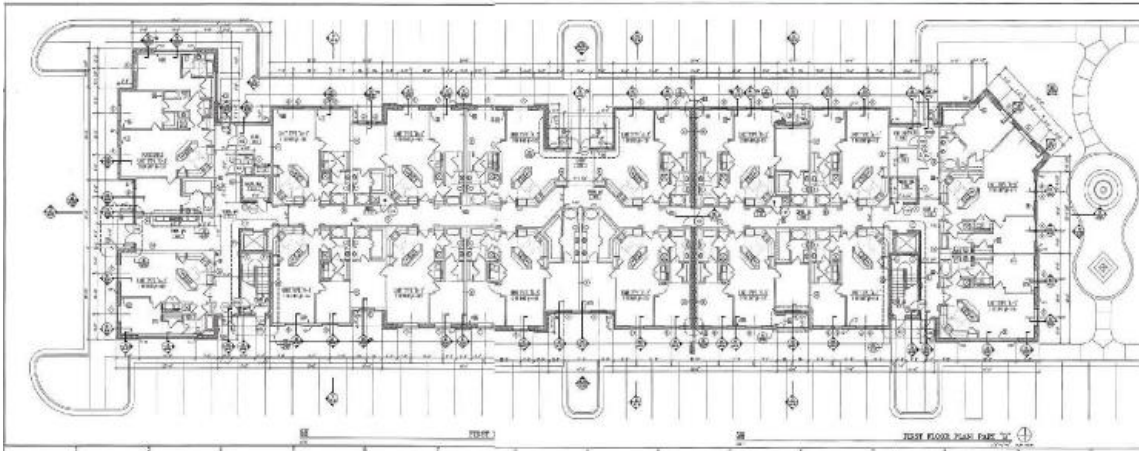
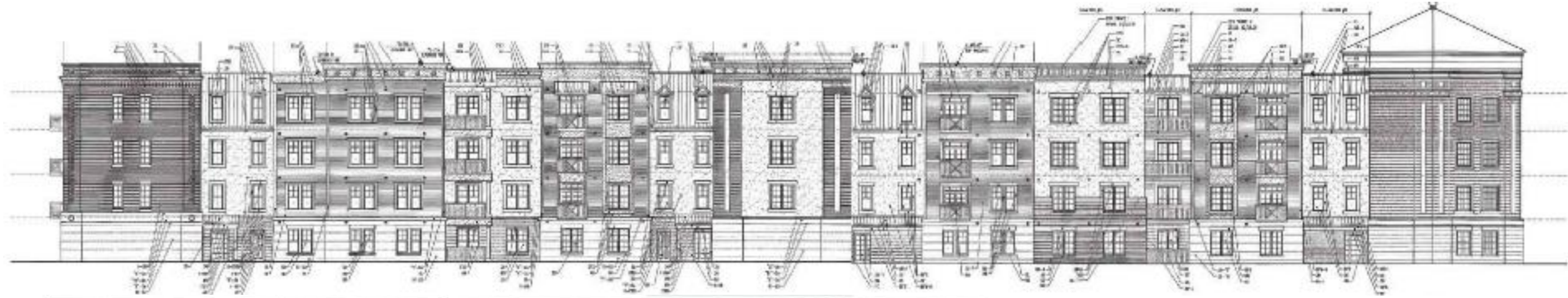
Scanned Drawing
(Raster)
to
AutoCAD DXF format (Vector)



2D to 3D Conversion



Detailing

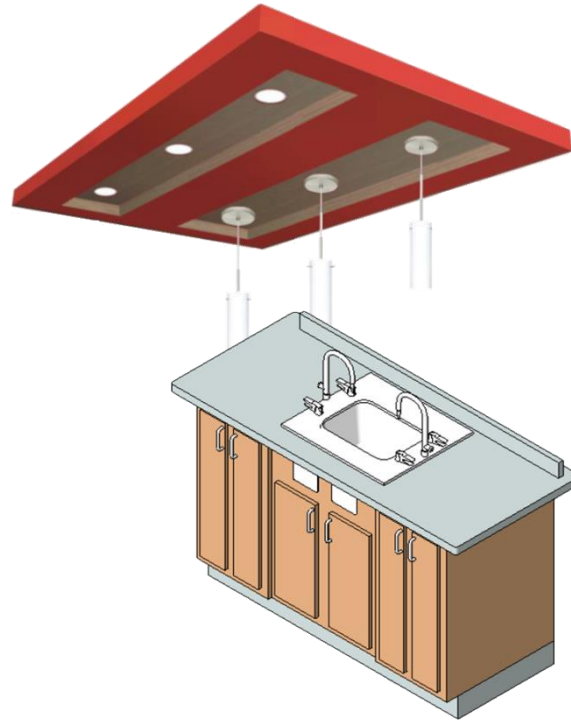


Content Creation

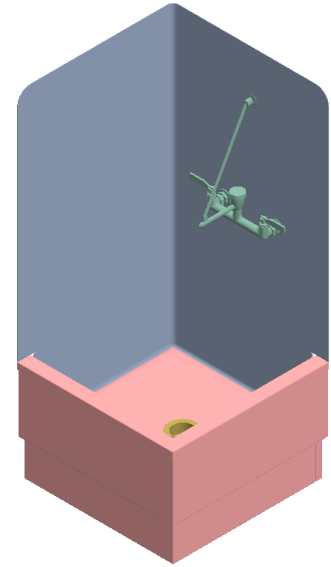
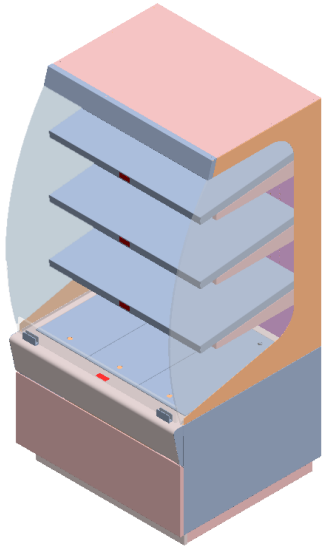
Olilo has a dedicated team of experts to create Autodesk Seek compatible Revit Content for Autodesk Revit Architecture, Revit MEP and Revit Structure.

Creating accurate, efficient building information models that conform to your company's standards.

We create system family which can be used by a particular system and standard family which can be created and used by several users.



Content Creation



Key Clientele



CONSOLIDATED CONTRACTORS COMPANY

JOHN ZINK



Gensler

isi Interior Systems, Inc.

LS² Consulting

WorkLogix

COMMScope



LANDRY
DESIGN GROUP

wasserstrom

UBM



BJERKE ARCHITECTS PLLC

PRAXAIR
Making our planet more productive

METTLER

TOLEDO



Thank You