

RE-IMAGNING BIM Design Workshop

This Course will cover the software Revit Architecture which for years has been the industry-leading technology for BIM implementation in architectural projects. Whether you are a complete beginner or someone with a bit of experience; we cover everything from the very basics up to proficient use.

Better Collaboration and Communication

Revit contains several tools that allow for sharing, collaborating, documenting and versioning that other technologies don't have. For example, BIM 360 ecosystem allows teams to share project models and coordinate planning, ensuring all design stakeholders have insight into the project.

Model-Based Cost Estimation

Revit has different tools that allow for efficient quantifying and cost estimation that save time to focus on other valuable tasks. Including estimators earlier in the planning stage allows for more effective construction cost estimation among other benefits.

Preconstruction Project Visualization

Revit allows you to plan and visualize the entire project during preconstruction. Space-use simulations and 3D visualizations enable stakeholders to explore design options offering the ability to make changes before construction starts.

Improved Scheduling/Sequencing

Reduce project phase cycles and eliminating construction schedule setbacks. Revit allows design and documentation to be done simultaneously and easily make changes to adapt to new information such as site conditions.

TUTORS

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Founder | Training Manager
Lead Trainer for Rhino3D at YAFT Designs

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COURSE STRUCTURE:

The course has 10 Modules comprised of all the subjects you must learn to understand how Revit works and how to design and document your BIM projects.

COURSE DURATION:

3 days - 9hrs / per Week . Total 60 Hours

COURSE SCHEDULE:

Dates	Description	Trainer
Week 1	Basics of Revit Course overview , The interface and Shortcuts, Basic Setup & Geometry, Wall Creation , Adding Elements (window & door), Roof Creation, Ceiling and Floor	Yokes
Week 2	Complex Walls & Elements Parameters Model Overview, Editing & Hosting Walls , Hosting Roof Elements, Wall parameters, Curtain walls , Editing Elements parameters	
Week 3	Circulation : Stairs , Ramps & Openings Profiles & Stairs Creations, Custom Stairs Conditions , Edit Stairs Type properties , Creating Ramps , Editing Rails , Circulation Conditions	
Week 4	Families & Components Understanding Families & Components , Modeling Forms , Families (Parameters, Profiles & Planes)	
Week 5	Views & Graphics Plan Views , Visibility/Graphics overrides, View Ranges / underlays & Scale, View Templates, Elevations & Sections, 3D Views	Yokes
Week 6	Phases & Design Options Managing Phases, Adding Phases , Phase Filters , Design Options	
Week 7	Documentations Title Blocks/ Sheets, View Titles , Drafting Views and Sections, Drawing Callouts & Dimensions, Sections Details & Print /Export	
Week 8	Data Areas, Rooms, Boundaries & schedules , Creating Schedules, Formulas / Conditional statements , Legend	Yokes
Week 9	Model Management Explaining Manage Tab	
Week 10	Collaborations Linking Models, Copy/Monitor , Central Model vs Detached Models, Worksets, Rhino Inside Revit	

COURSE FEE :

Course Fee for Group Batch
Rs. 750 hourly

Course Fee for Personal Training
Rs. 1000 hourly

Total Amount

Rs . 45,000 + taxes

Rs. 60,000 + taxes

COMPUTER REQUIREMENTS

We prefer Microsoft Windows OS.

https://www.rhino3d.com/system_requirements/

Computer / Laptop , Laptop charger, Mouse and Mouse pad is mandatory

AutoDesk Revit

<https://www.autodesk.com/in/products/revit/overview> - Free for 30 days

Rhino Inside Revit

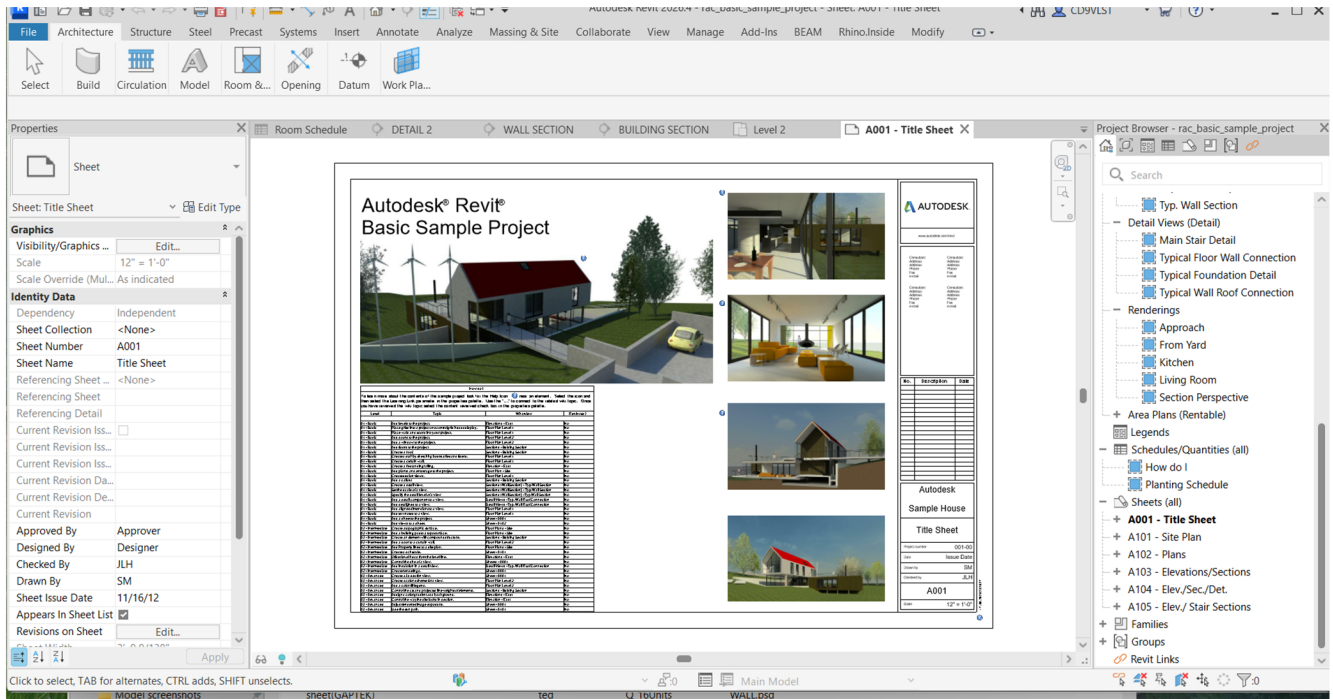
https://www.rhino3d.com/download/rhino.inside_revit/1/latest/

TERMS AND CONDITIONS:

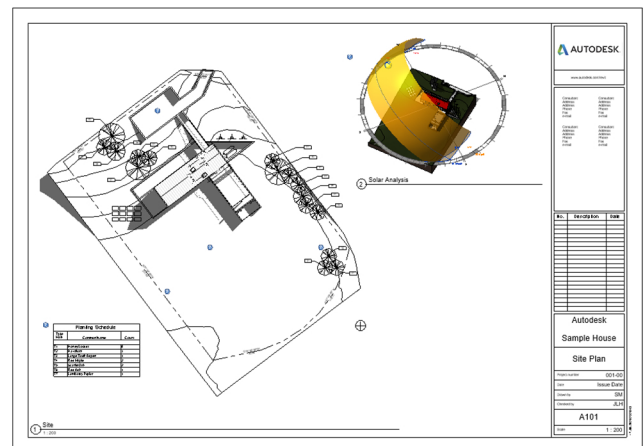
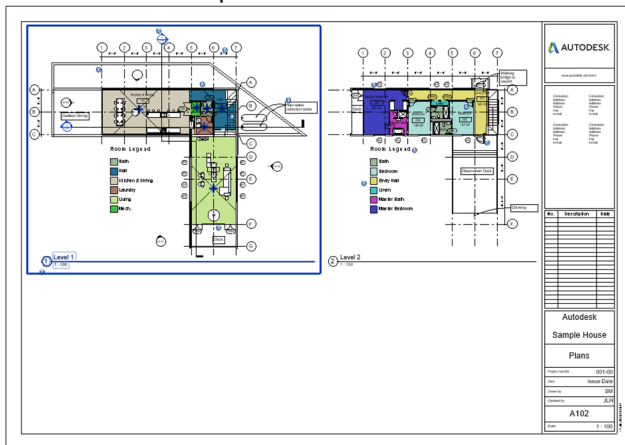
1. Taxes will be applicable to the above charges.
2. Payment terms:
60% Advance Payment upon blocking of Dates.
40% Upon commencement of classes.
3. Payments can be done by NEFT
Account No. 923020024949657
Account Name: YAFT DESIGNS
Bank: Axis Bank
Branch: NASIYANUR , ERODE
IFSC CODE: UTIB0001293



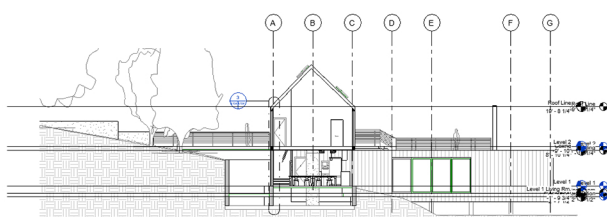
Model Recation - Villa



Plan - Sheet Composition



Sections- Sheet Composition



Scheduling and Legend

Properties Schedule

Schedule Room Schedule

Identity Data

View Template Room Schedule

Dependency Independent

Phase Phase 1

IFC Parameters

Export to IFC

Other

Fields

Filter

Sorting/Grouping

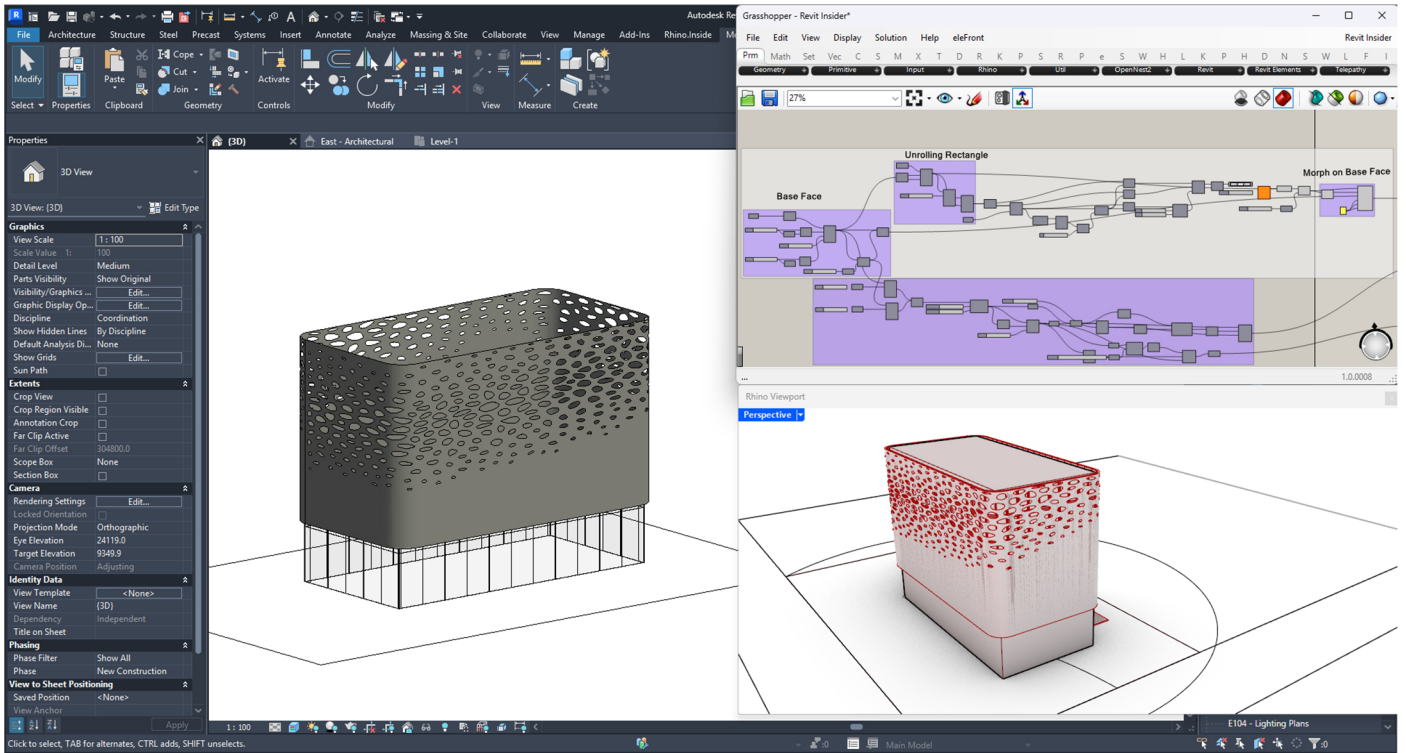
Formatting

Appearance

Embedded Schedule

GENERAL LEGEND

Level	Name	Number	Area
Level 1	MECH	4	22.15 SF
Level 1	BATH	5	28.60 SF
Level 1	LAUNDRY	6	55.62 SF
Level 1	HALL	3	253.57 SF
Level 1	LIVING	2	756.92 SF
Level 1	KITCHEN & DINING	1	789.53 SF
Level 2	LINE	14	15.91 SF
Level 2	BATHROOM	13	42.54 SF
Level 2	BATHROOM	12	42.87 SF
Level 2	MASTER BATH	9	76.70 SF
Level 2	BEDROOM	11	147.40 SF
Level 2	BEDROOM	10	149.33 SF
Level 2	MASTER BEDROOM	7	280.32 SF
Level 2	ENTRY HALL	8	330.29 SF
Level 2		14	



Rhino Inside Revit

