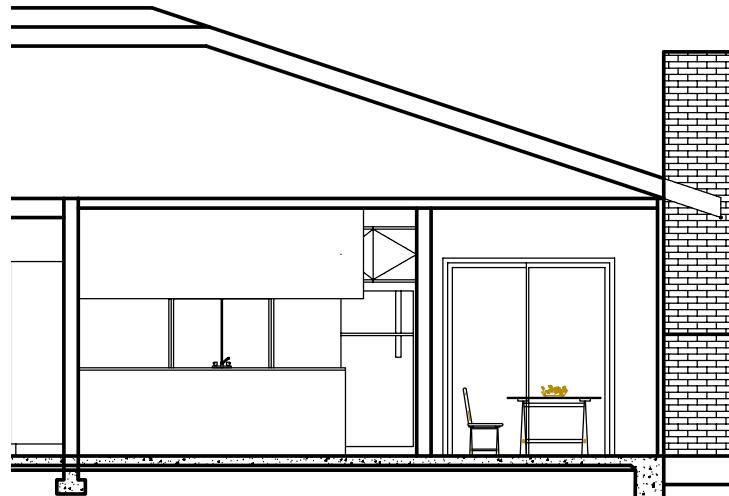


PORTFOLIO



Sarker Sufian Abrar | University of Texas at Arlington
B. Sc. Architectural Engineering | Sophomore



ON A MISSION TO EXPLORE THE ART OF ENGINEERING

Born and raised in Dhaka Bangladesh, I am on a mission to find out what it means to be truly creative. I am always eager to learn and explore countless possibilities.

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BACKGROUND

EDUCATION

BSc. Architectural Engineering Arlington
University of Texas at Arlington

TOPICS OF INTEREST

Construction Drafting, Design Communication, History of Architecture

SKILLS

Revit 2023, AutoCAD 2022, Adobe Photoshop,
Adobe Premier Pro, InDesign
Microsoft Word, Microsoft Excel, Microsoft Power-
Point, Microsoft Outlook.

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A brief introduction about the project.

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Plans and elevation

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Presentation

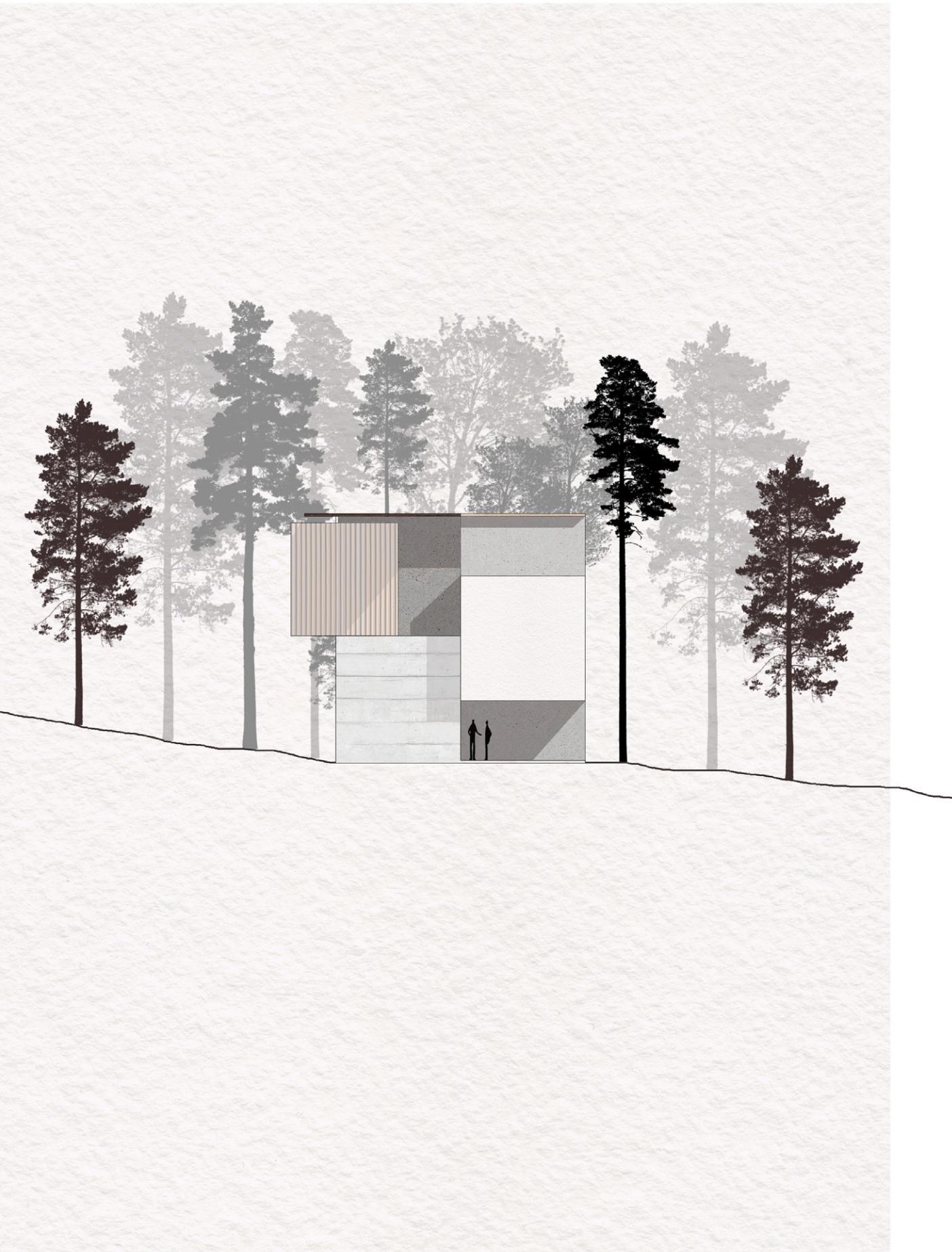
Final project.

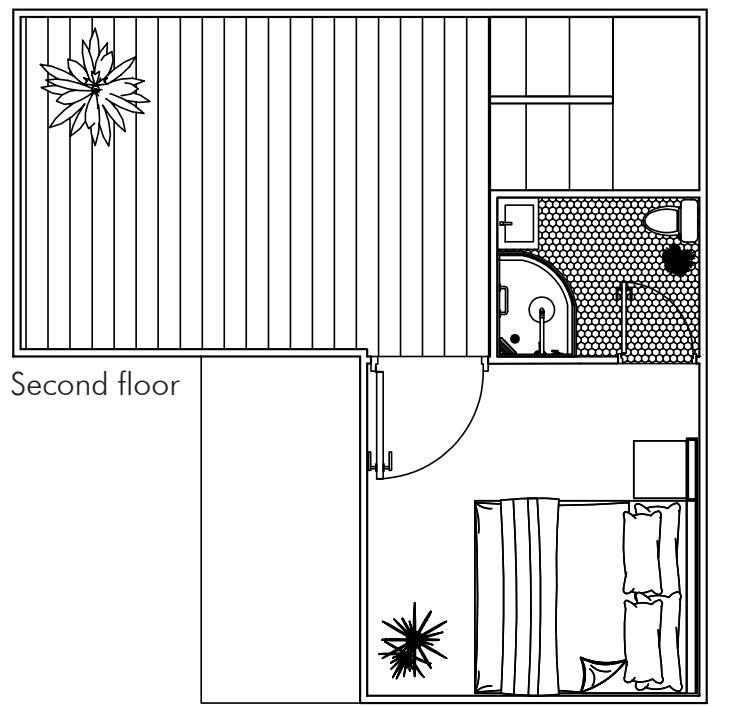
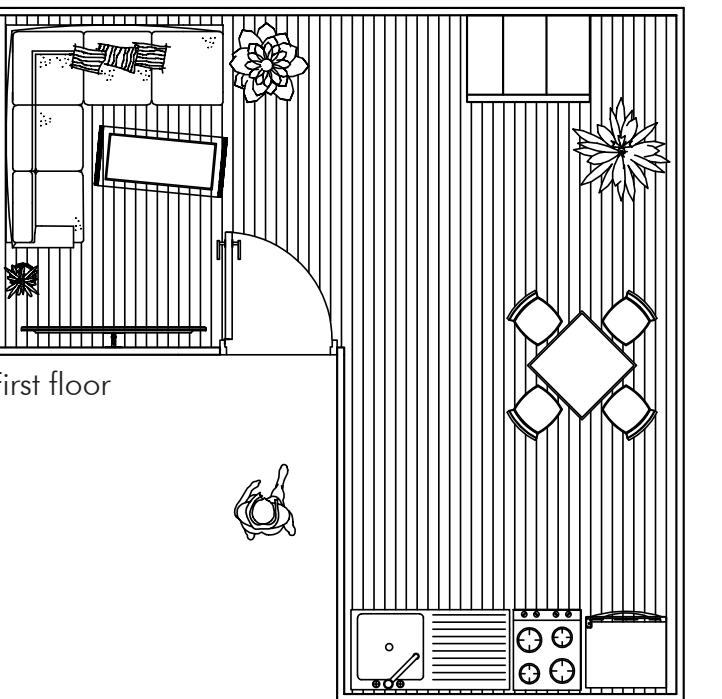
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A Cabin in the woods

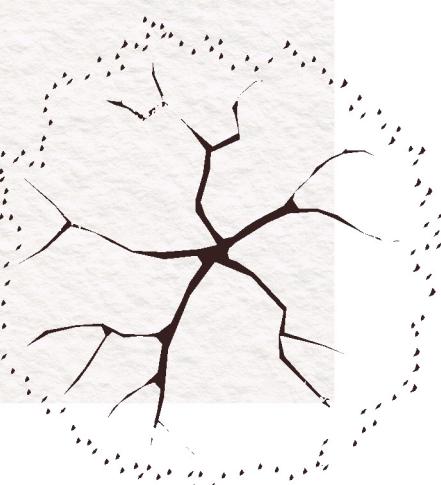
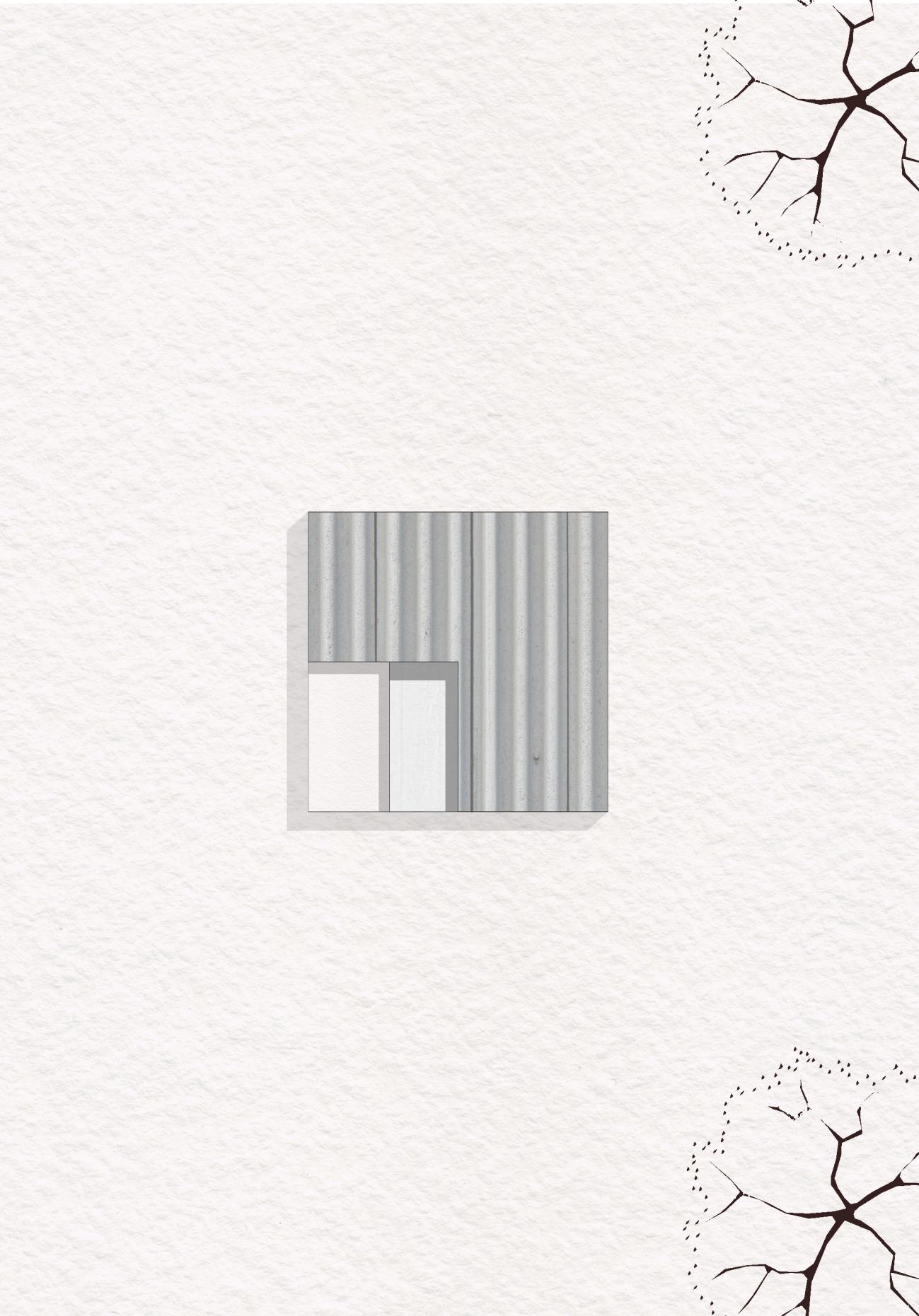
I started this project during the fall of 2022. It was a semester long project assigned by our Design Communication instructor. I started off this project by visualizing and making rough sketches of the location of the cabin, what it is specialized for, and the structure itself. Eventually I came up with plans and elevation and the final model was constructed using balsa wood and wood glue. Our assignment was to convert a 16'x16'x16' into a usable real-life structure by breaking the cube.

Project Introduction



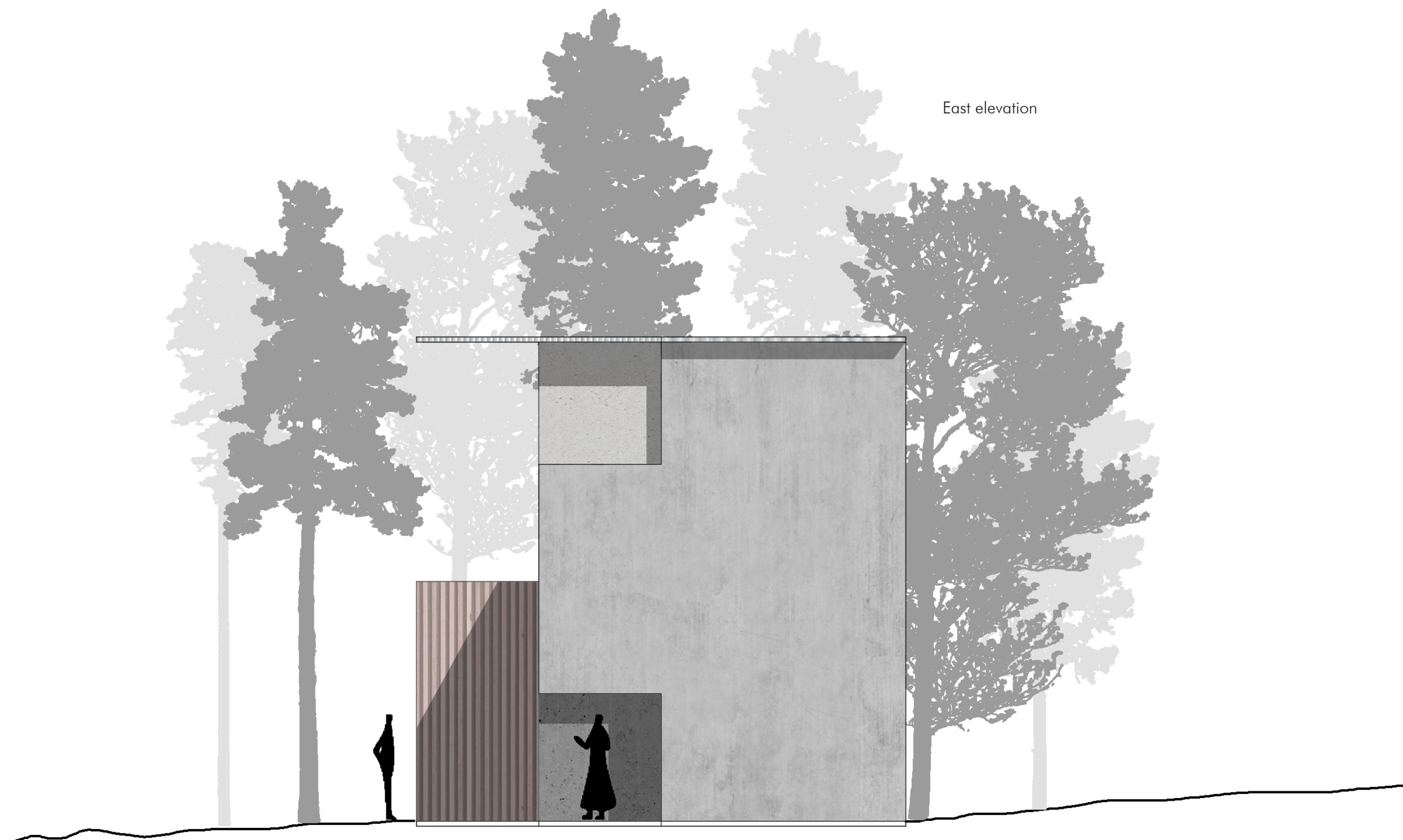


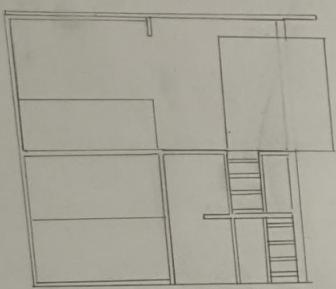
Plans and elevations



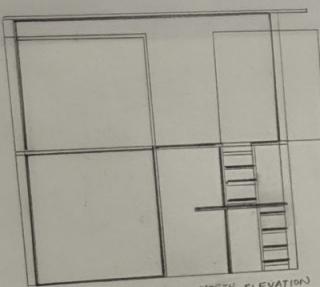
West elevation



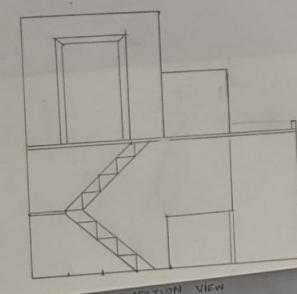




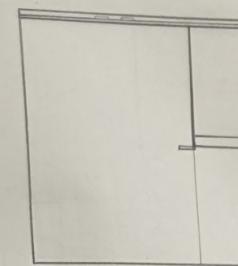
NORTH SECTION VIEW



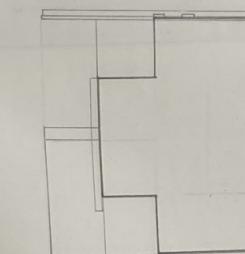
NORTH ELEVATION VIEW



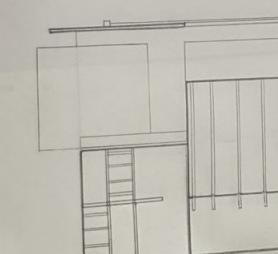
WEST SECTION VIEW



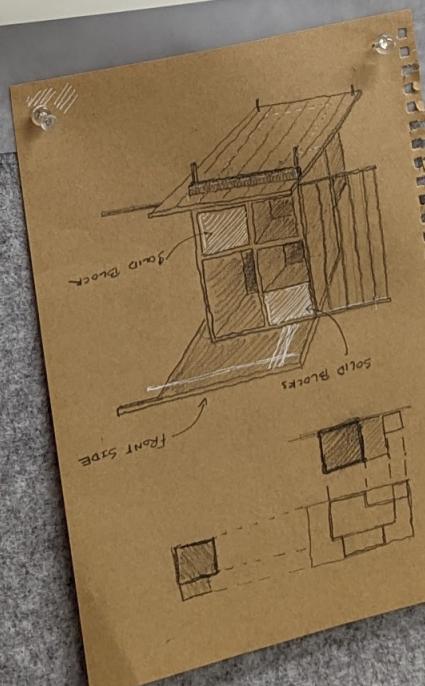
WEST ELEVATION VIEW



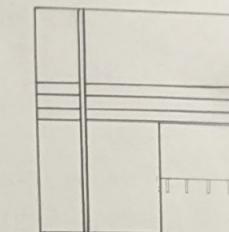
EAST ELEVATION
VIEW



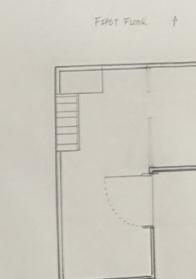
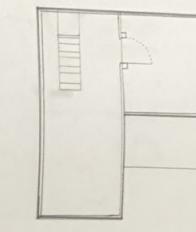
SOUTH ELEVATION
VIEW



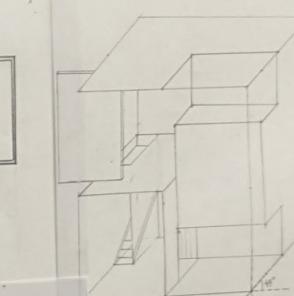
Front View ↑N



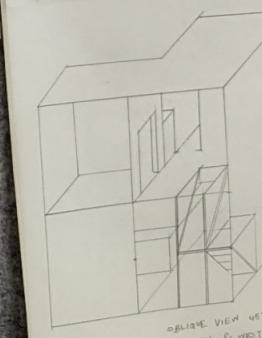
Second Floor ↑N



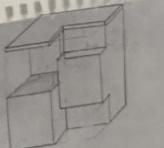
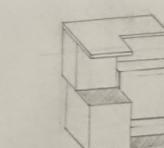
First Floor ↑



Oblique View 45°
SOUTH & EAST



Oblique View 45°
NORTH & WEST





Presentation



The open spaces were kept intentionally in order to highlight both the outer and the inner space. Small pieces of studs were used to provide a modern presentation.

Although balsa wood gives the model a presentable finished look, the material has a tendency to crumple in humid weather. So, I had to make sure it was kept in a cool and dry area.

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