

Personal Portfolio

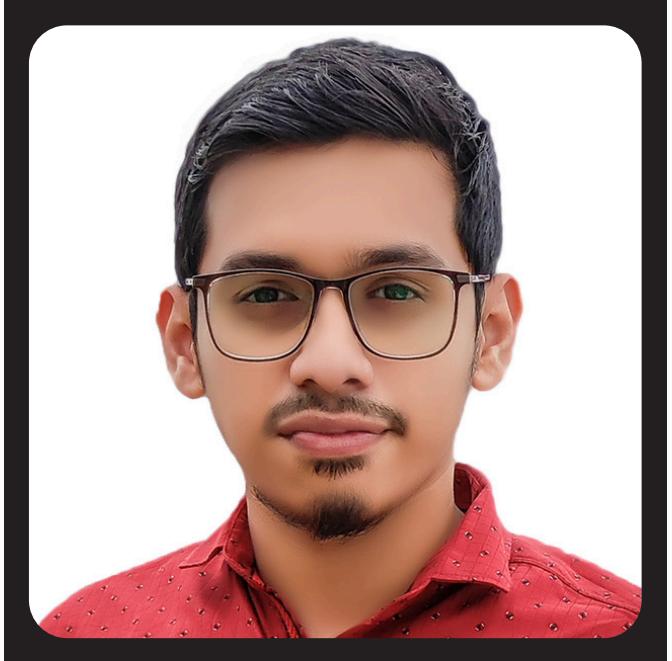
Hasin Rayan

CAD Operator | Mechanical Design Engineer





About Me



Hasin Rayan

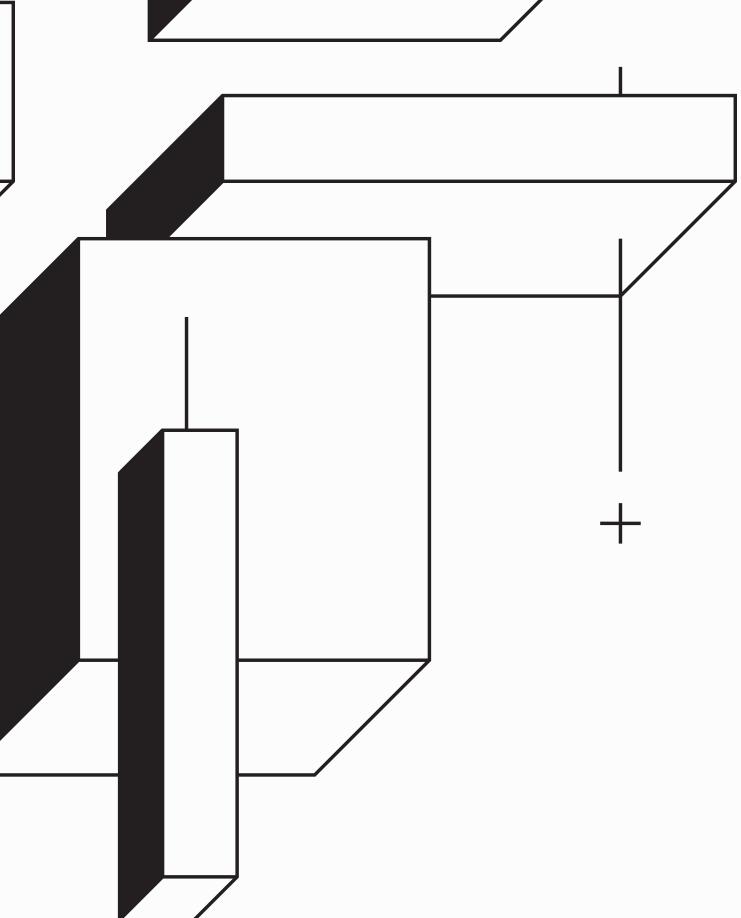
I am a multi-skilled professional with expertise in 3D modeling, CAD design, and Android app development. I am proficient in SOLIDWORKS, AutoCAD, and various other technical skills, with experience in vehicle maintenance and site management. I have completed a Diploma in Mechanical Technology and a B.Sc. in Mechanical Engineering, and I also possess certifications including;

- Certified SOLIDWORKS Professional (CSWP).
- Certified SOLIDWORKS Professional Advanced - Drawing Tools (CSWPA-DT).
- Certified SOLIDWORKS Professional Advanced - Sheet Metal (CSWPA-SM).
- Certified SOLIDWORKS Associate (CSWA).
- Certified SOLIDWORKS Associate - Simulation (CSWA-S).

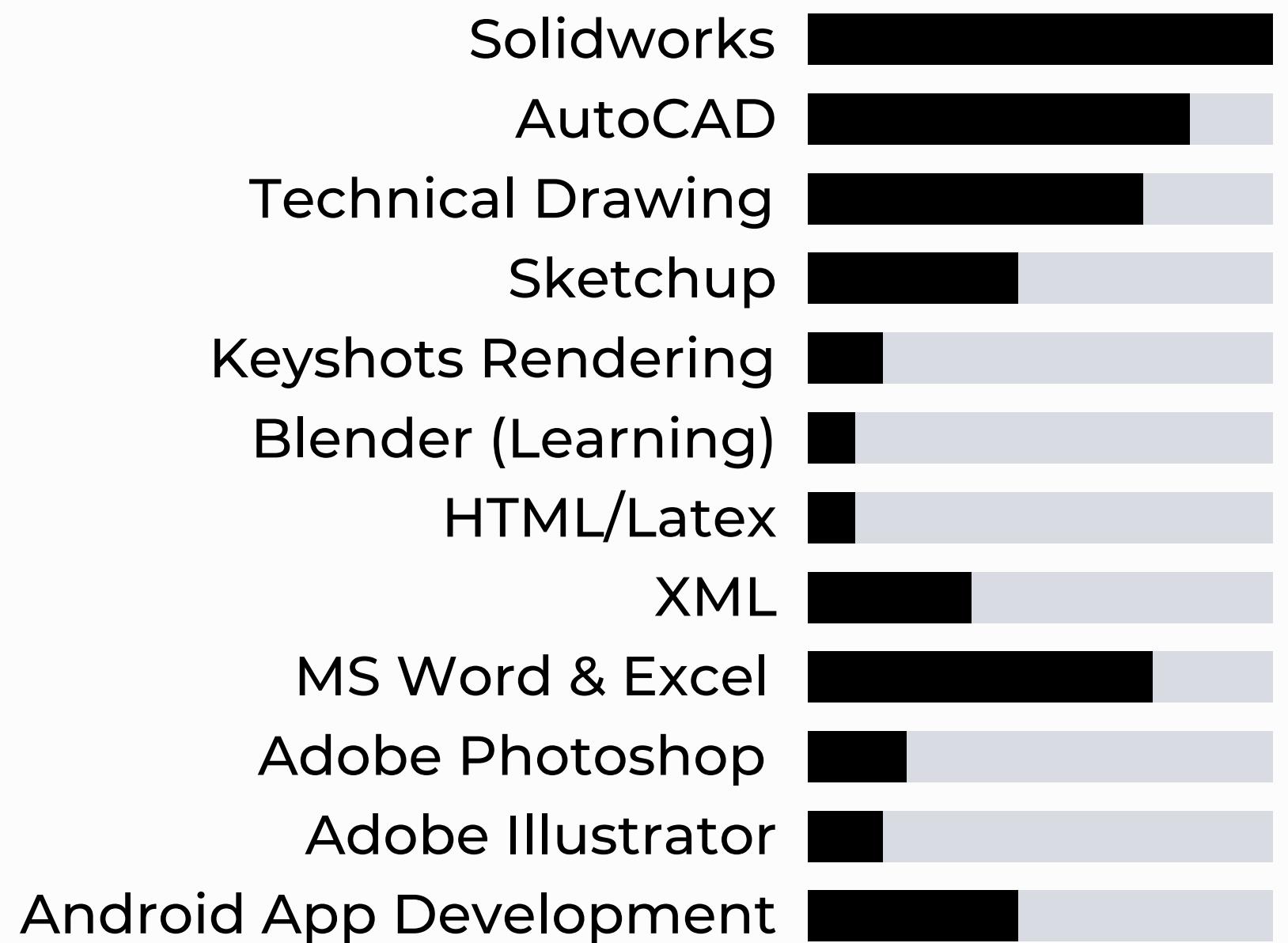
I am dedicated to continuously enhancing my skills and contributing to innovative projects.



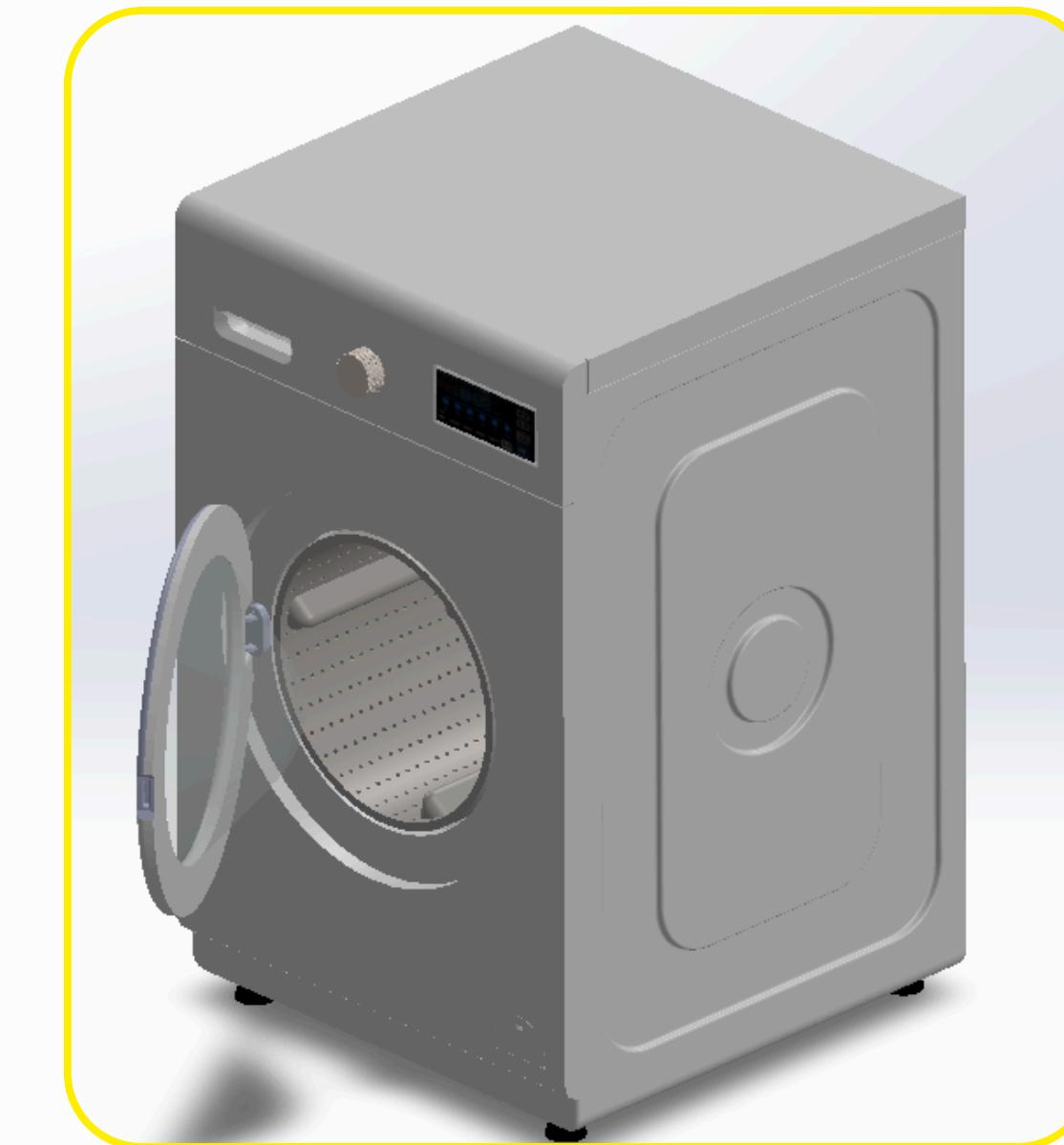
portfolio



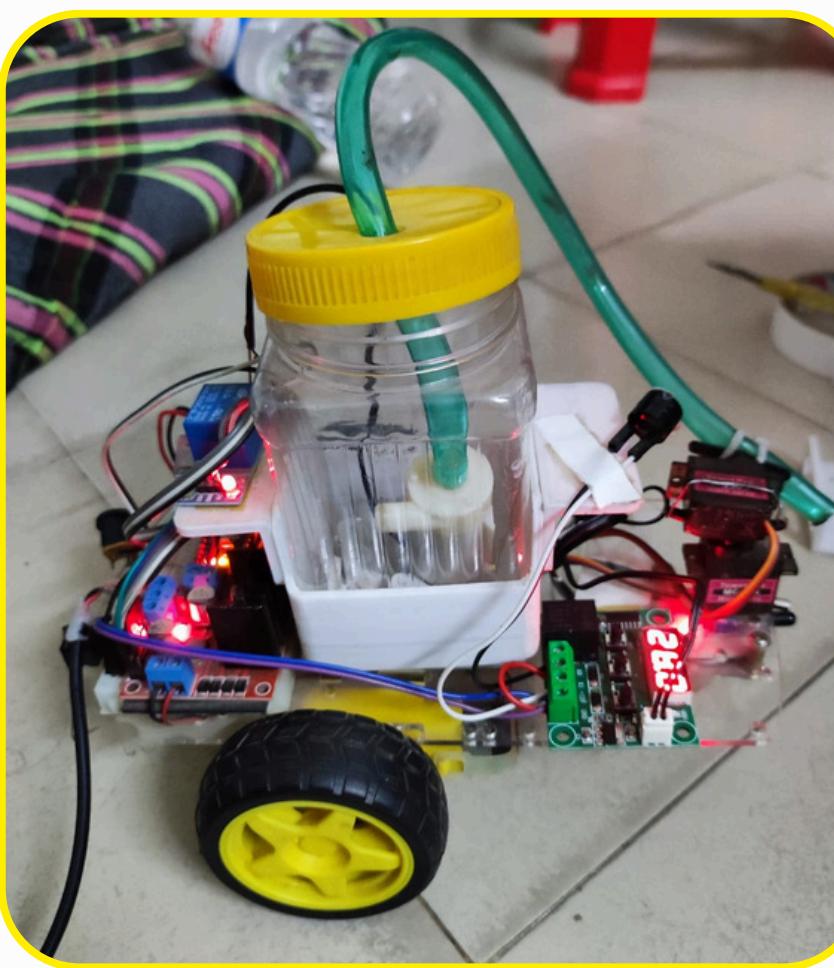
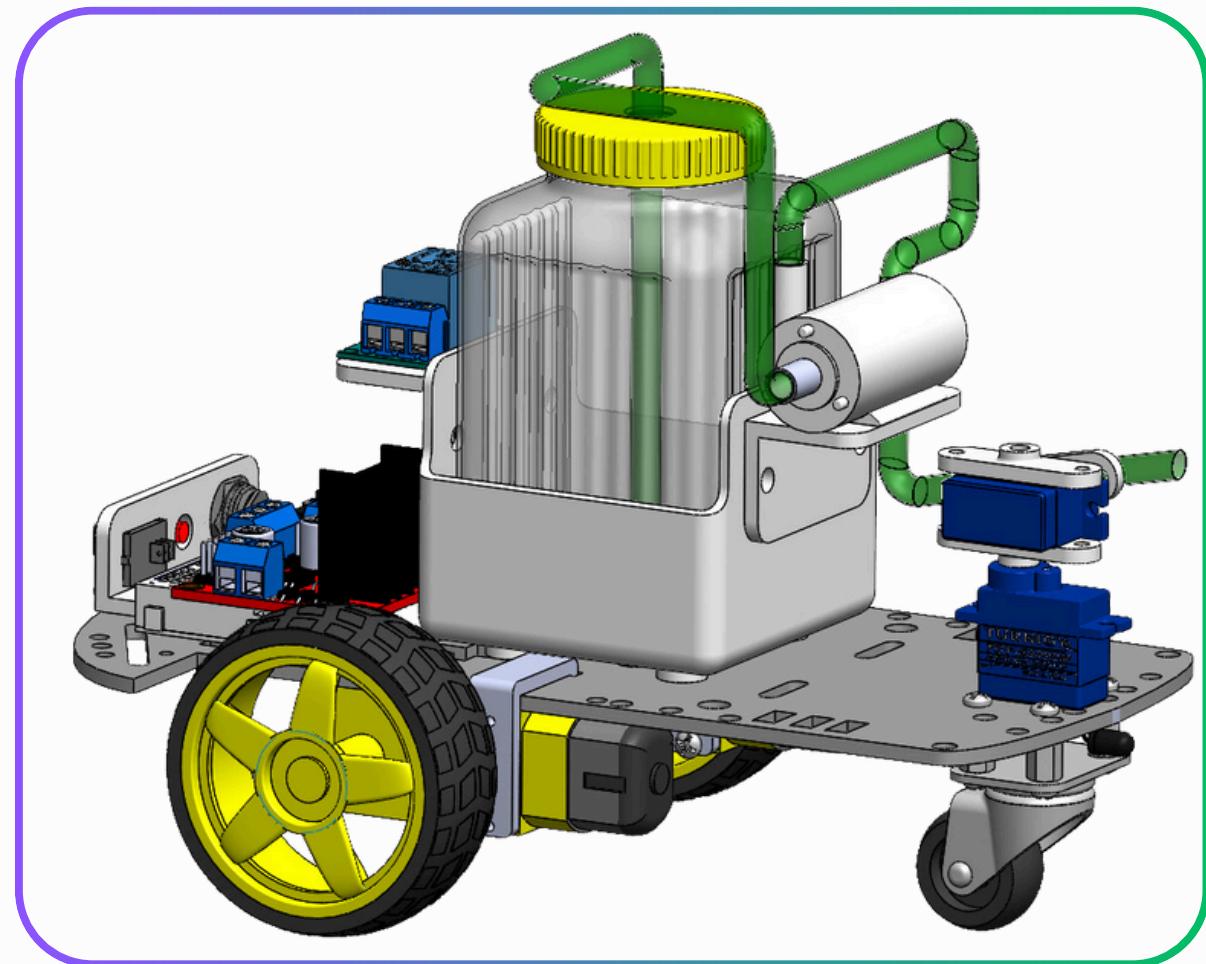
Soft Skills Comparison [Self Realization]



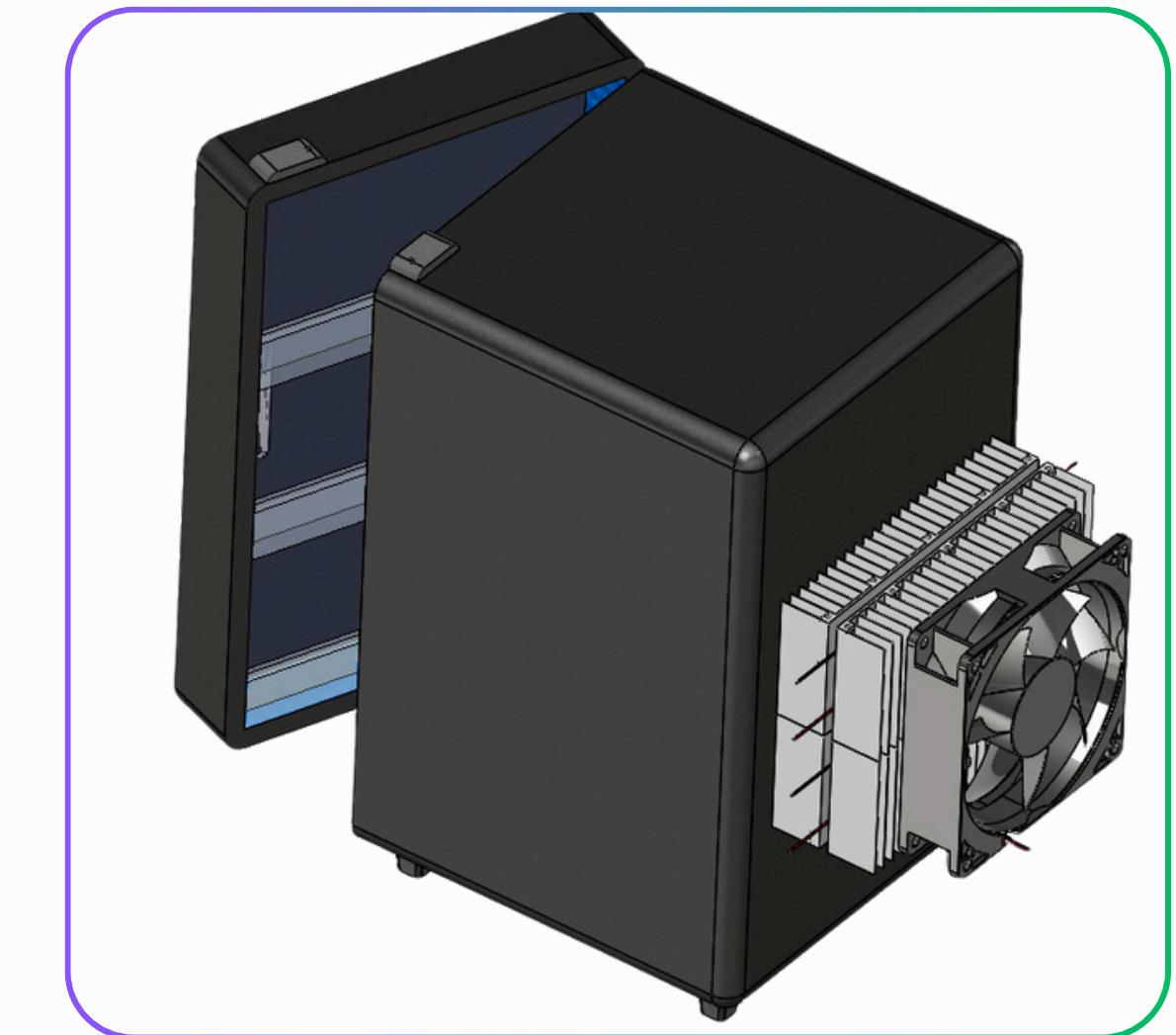
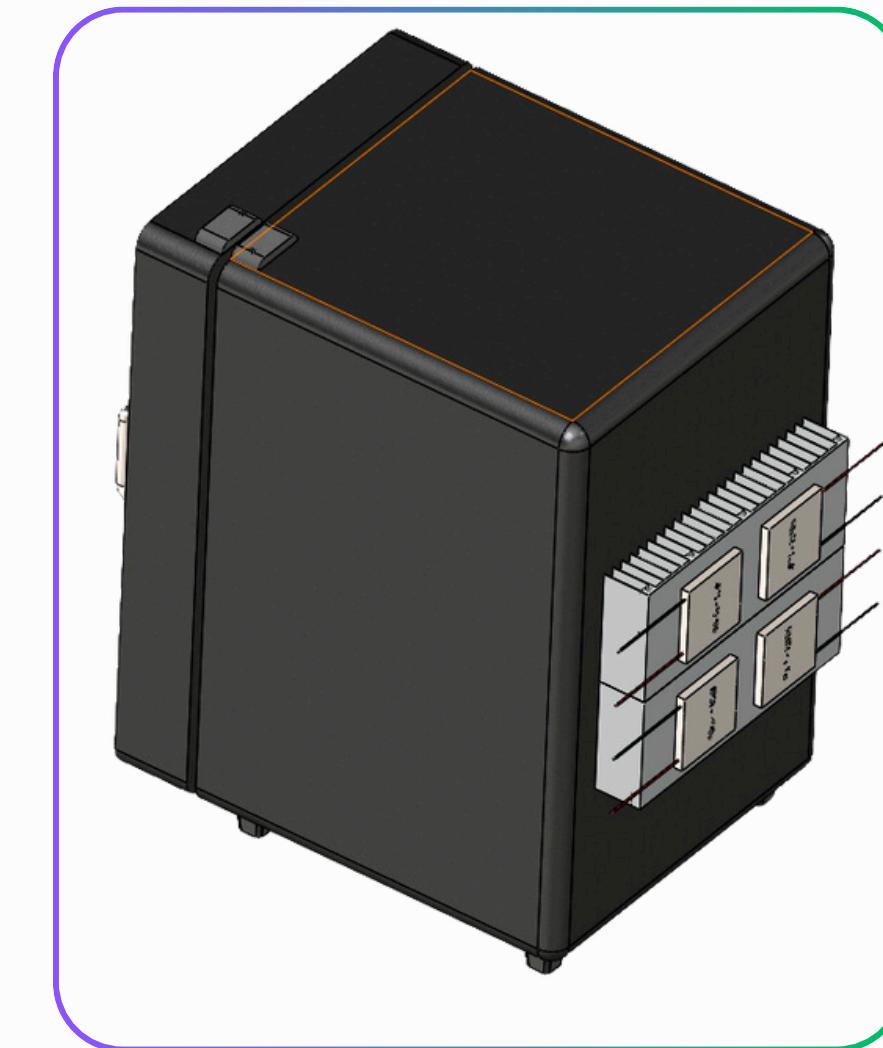
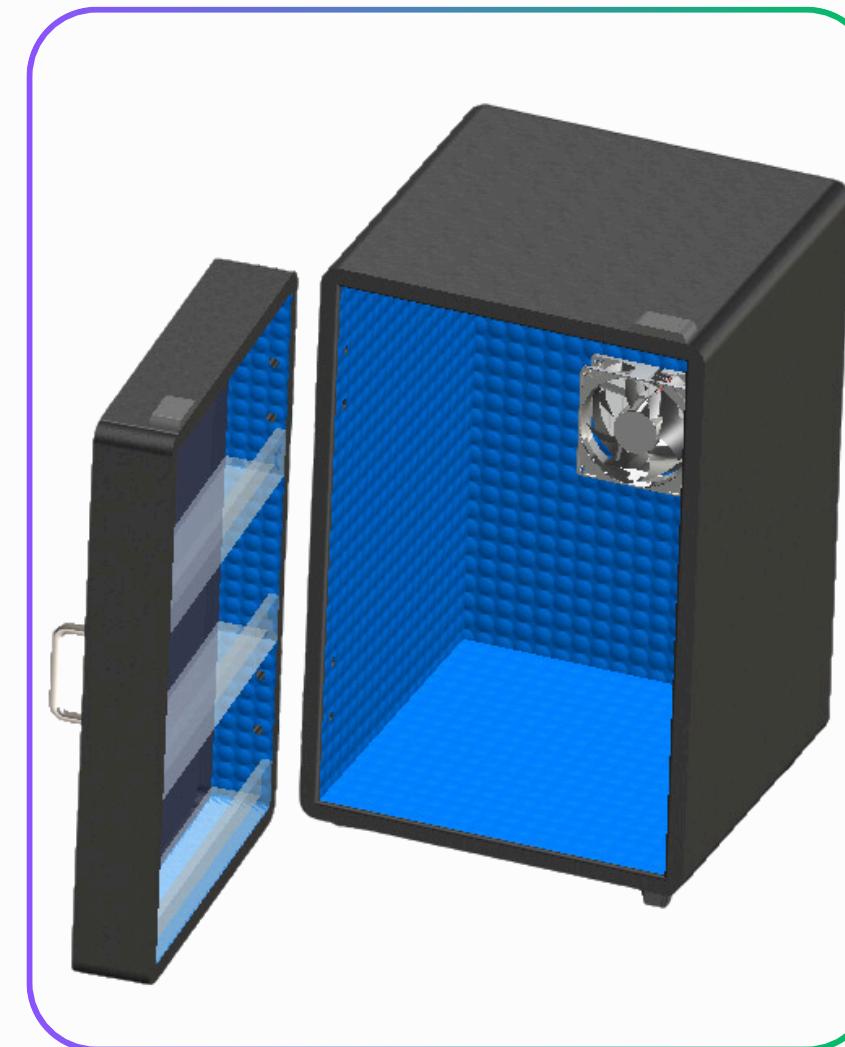
Hasin Rayyan



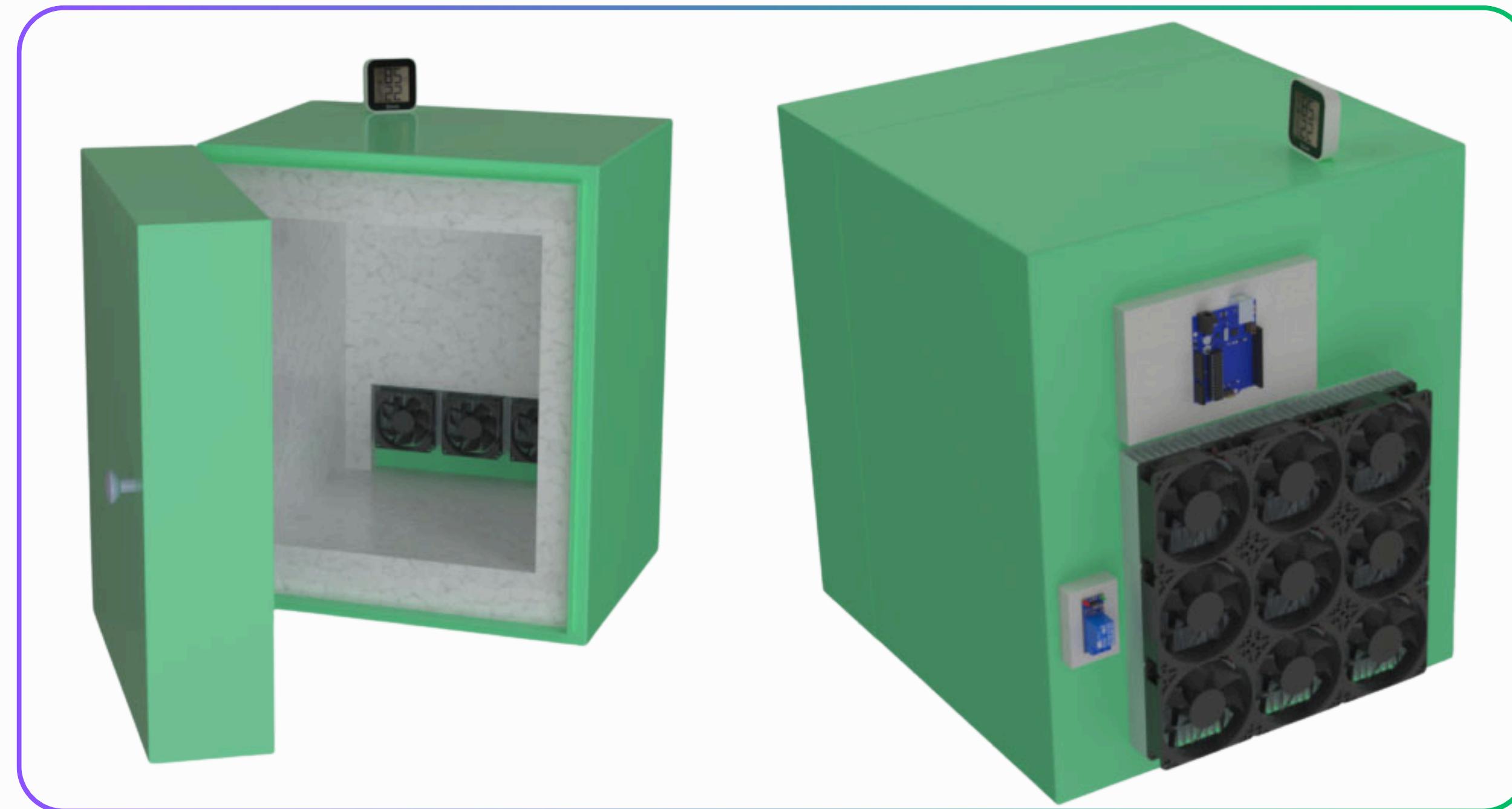
Remodeled version of the WWM-AFT90W Washing Machine



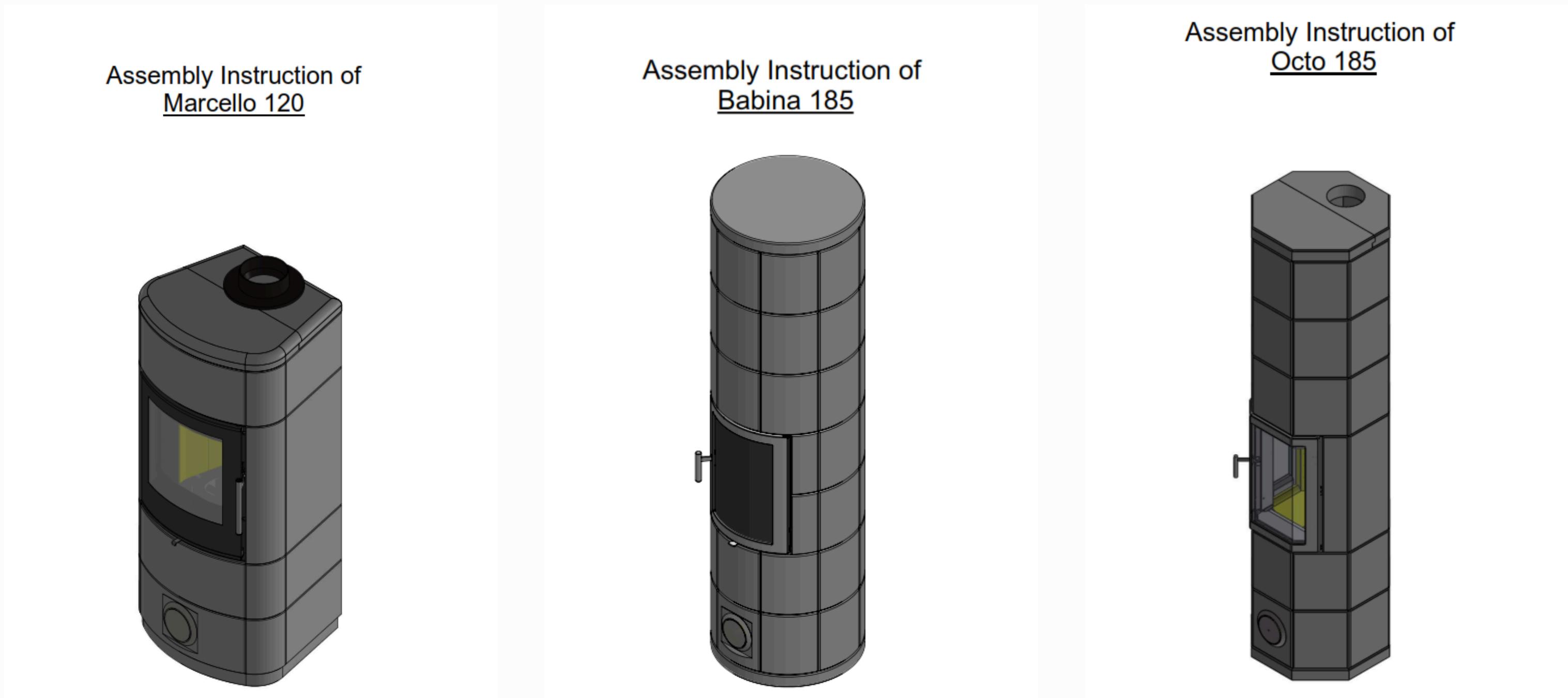
University Project: Fire Protection System With RC



University Project: Conceptual design **of Thermo-electric Mini Freezer**

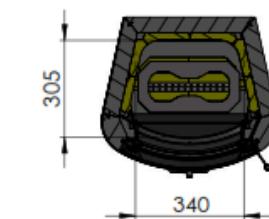
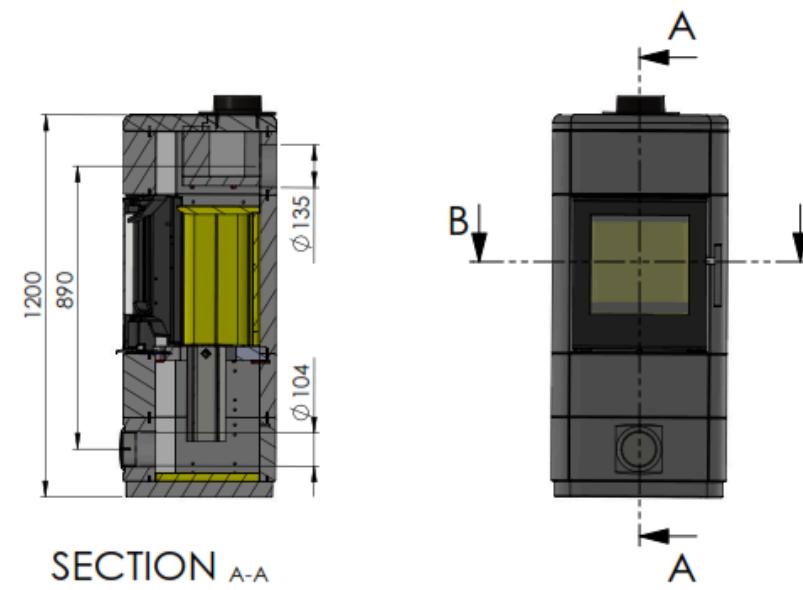


University Project: Actual Design **of Thermo-electric Mini Freezer**



Created various types of stove manuals, assembly
instructions & modifications for a client
By using Solidworks

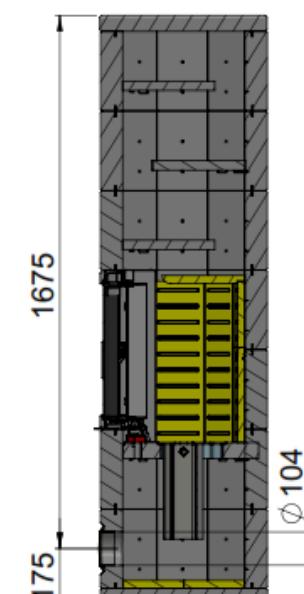
Assembly Instruction of
Marcello 120



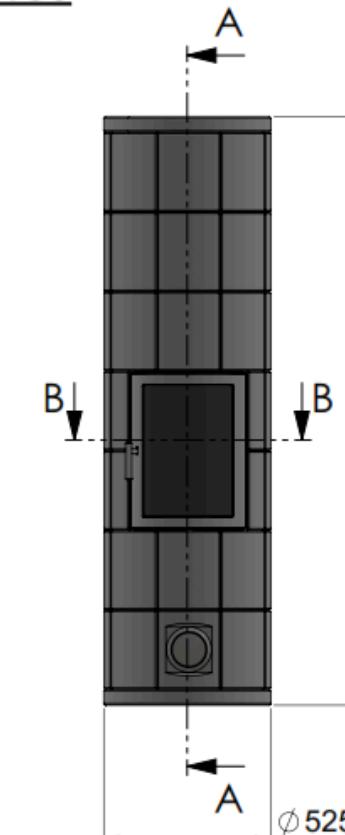
SECTION B-B
SCALE 1 : 15

2

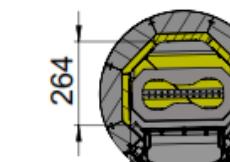
Assembly Instruction of
Babina 185



SECTION A-A
SCALE 1 : 15

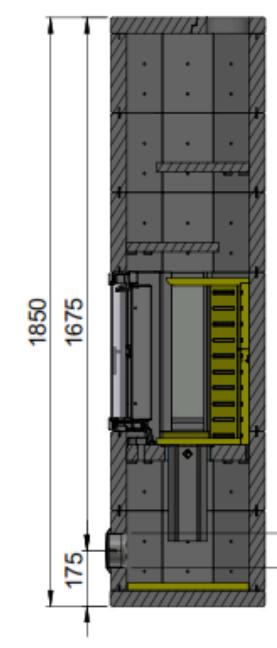


SECTION B-B
SCALE 1 : 15

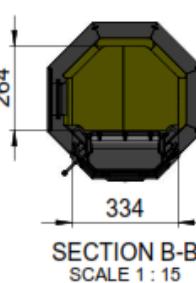
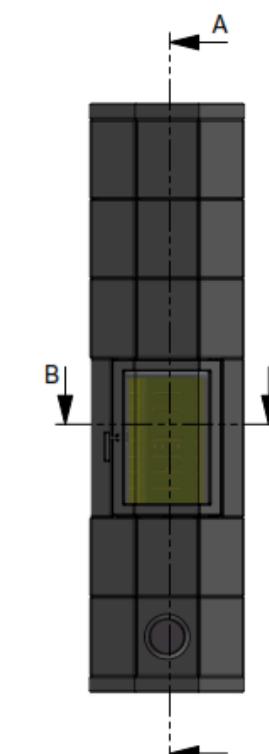


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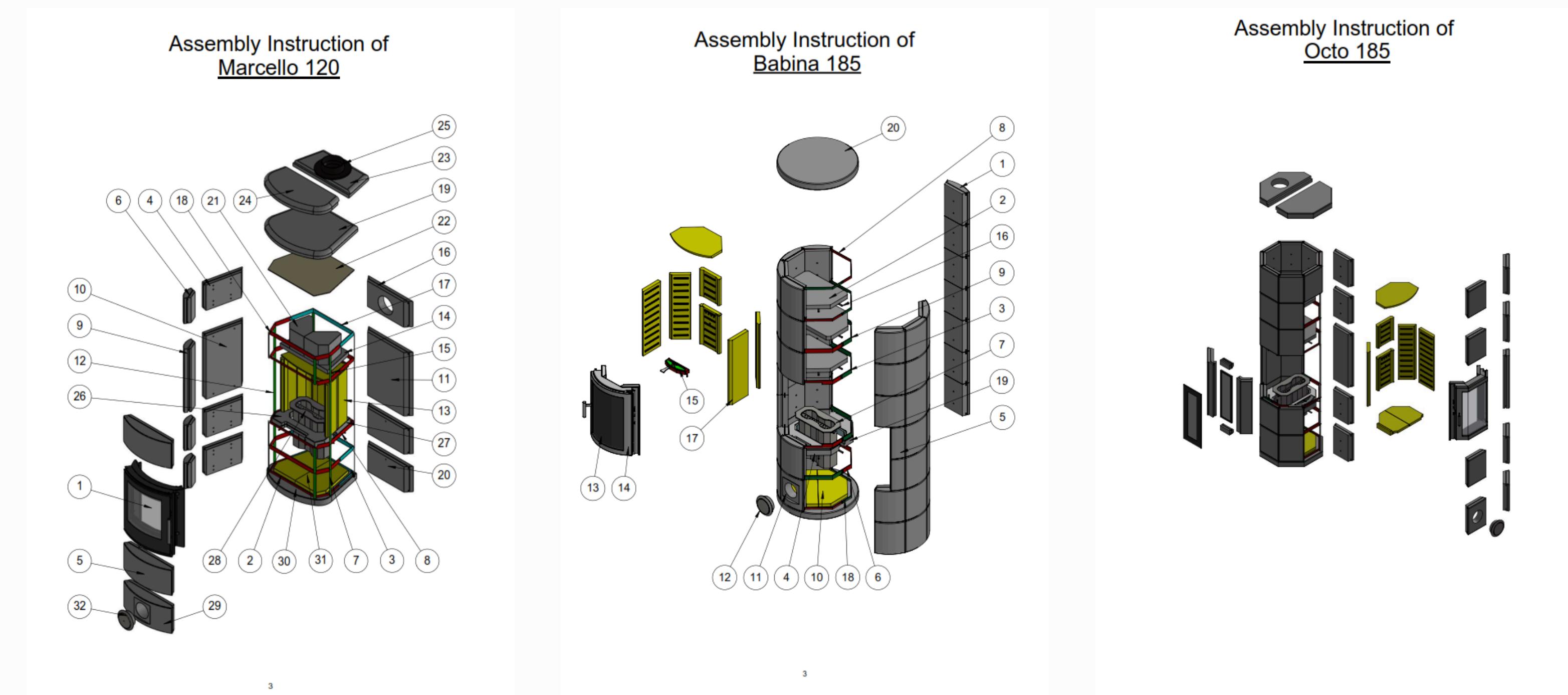
Assembly Instruction of
Octo 185



SECTION A-A
SCALE 1 : 15

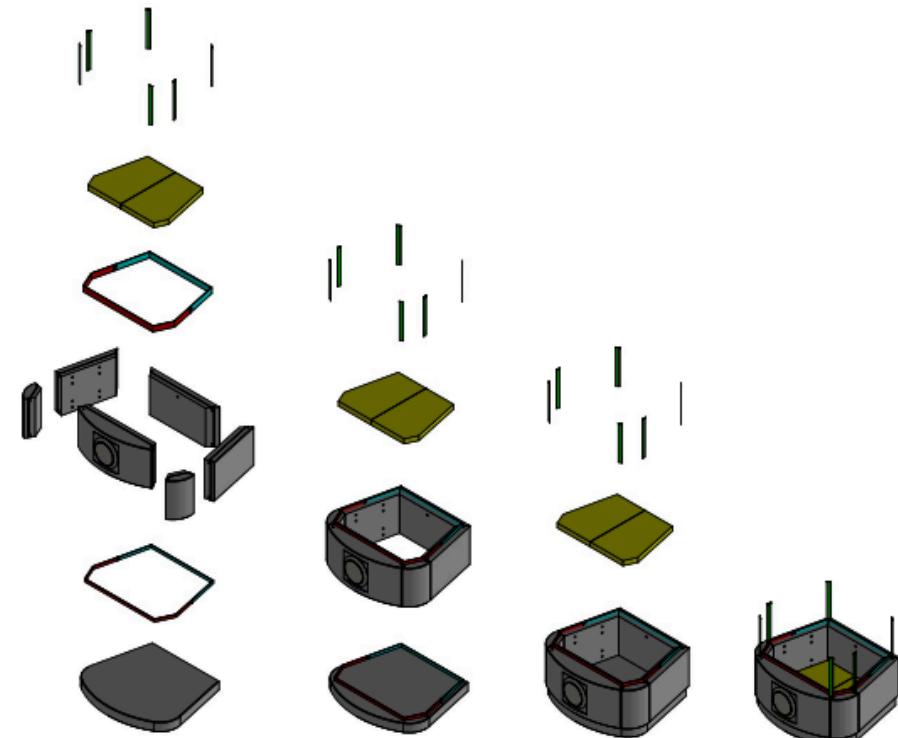


SECTION B-B
SCALE 1 : 15



Created various types of stove manuals, assembly
instructions & modifications for a client
By using Solidworks

Assembly Instruction of
Marcello 120



Base & First Layer Assembly

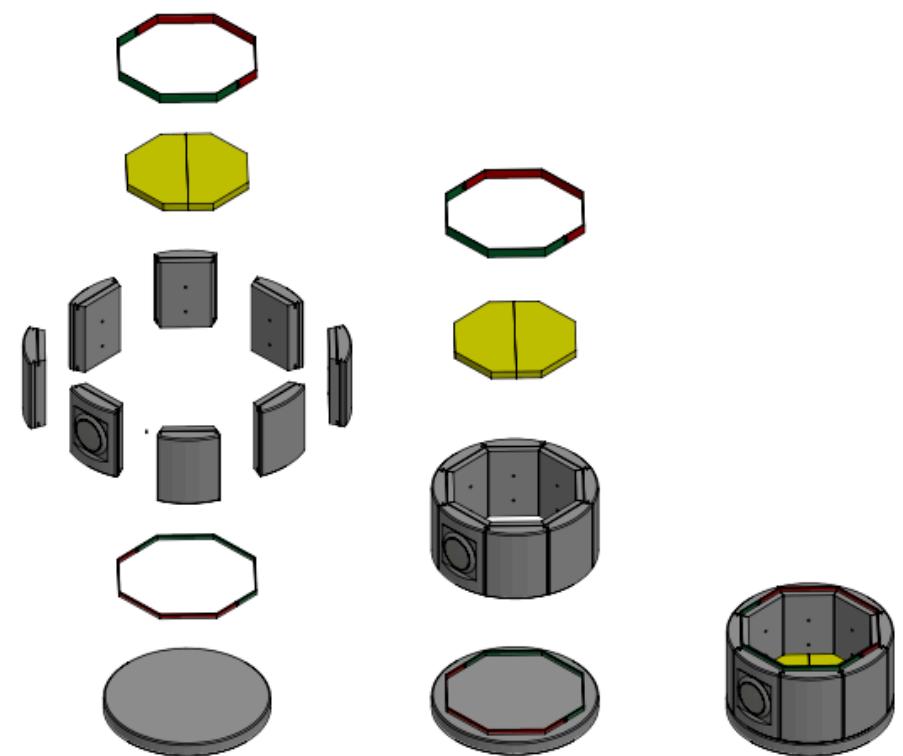
6

Base & First Layer Assembly

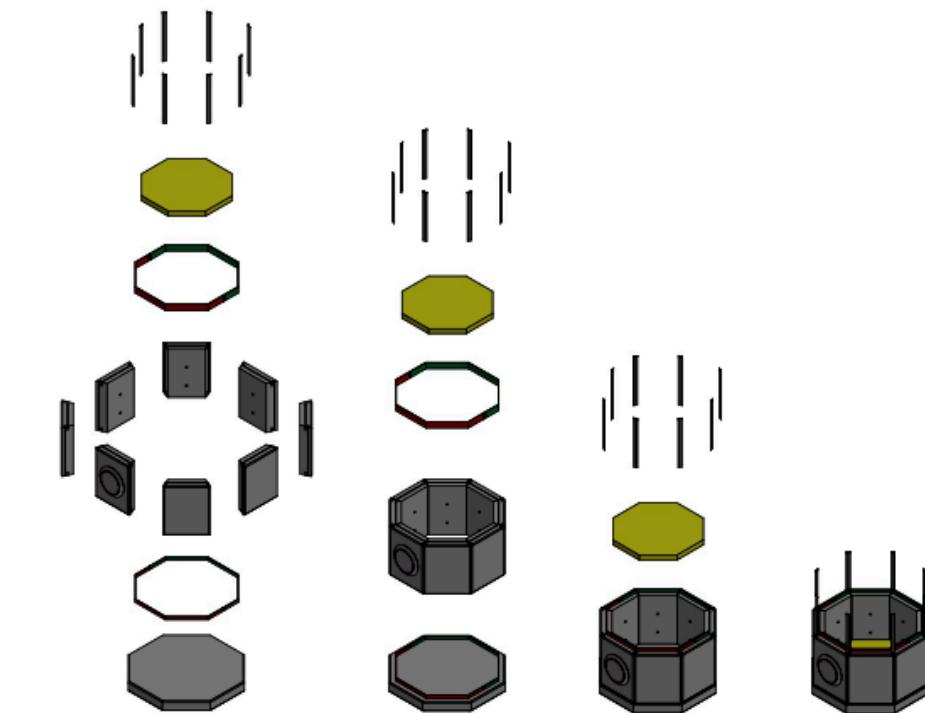
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By using Solidworks

Assembly Instruction of
Babina 185

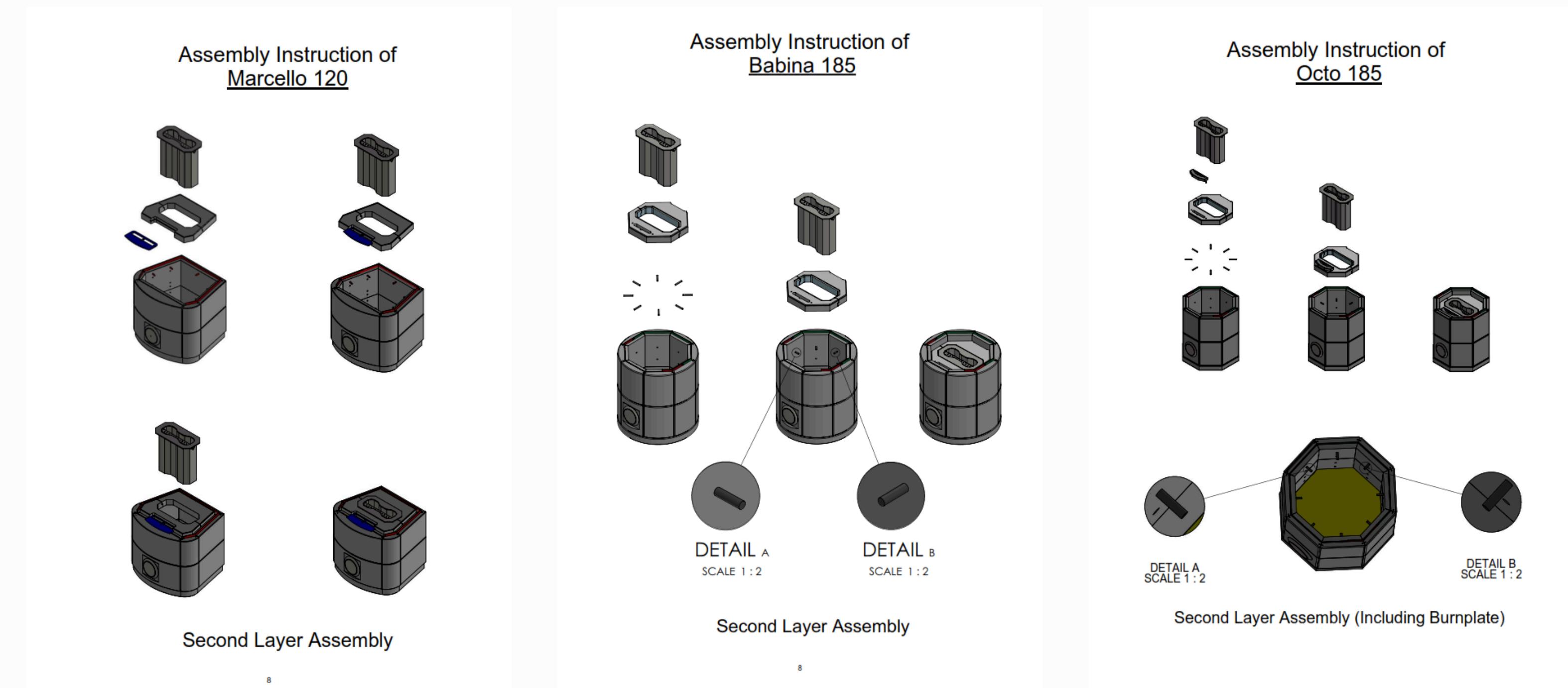


Assembly Instruction of
Octo 185



Base & First Layer Assembly

Created various types of stove manuals, assembly
instructions & modifications for a client



Created various types of stove manuals, assembly
instructions & modifications for a client
By using Solidworks



Filter Housing

Modeling & Rendered By
Solidworks
Made for a Client



Plastic Bottle

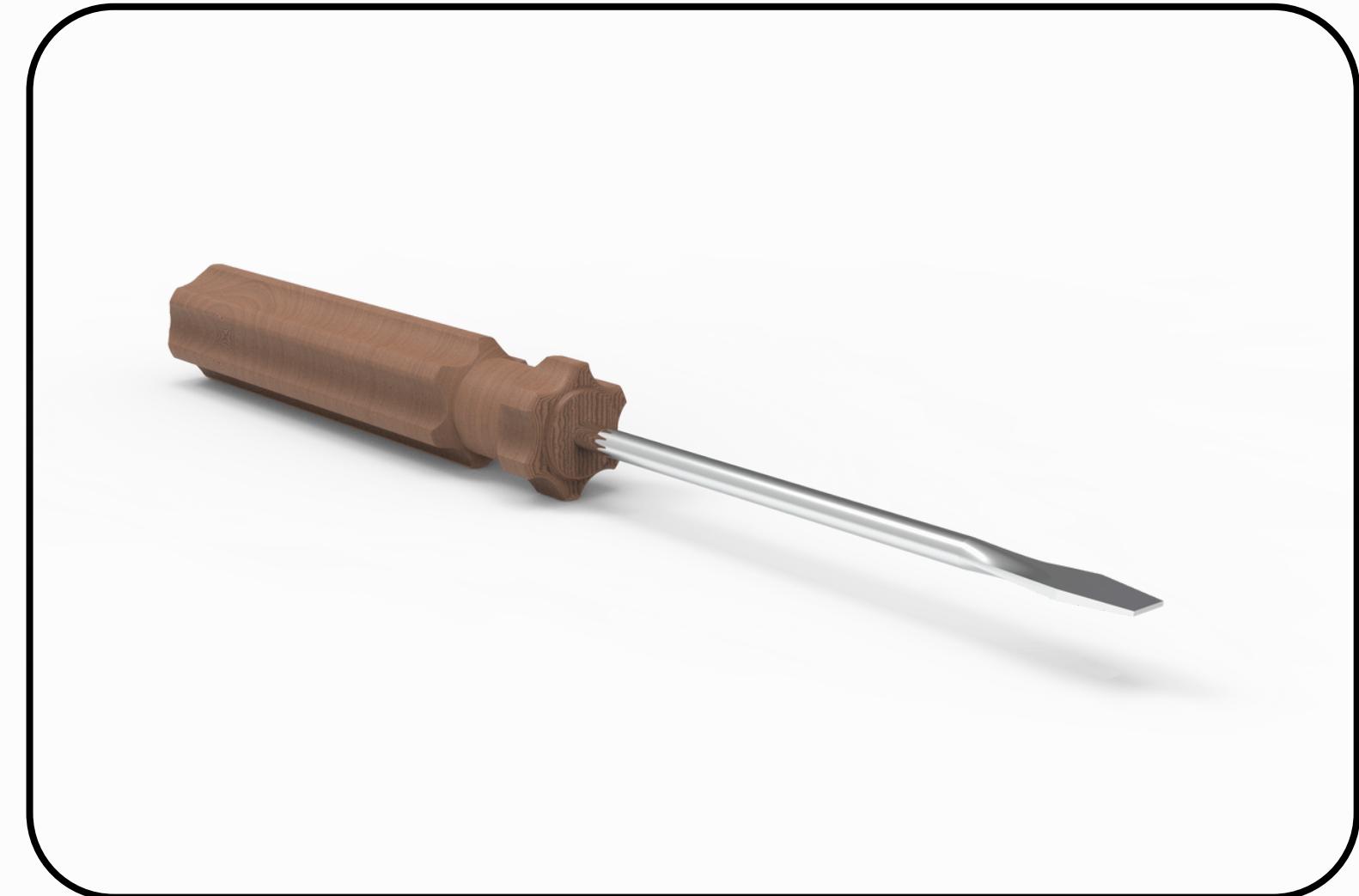
Modeling By Solidworks
Rendered By Keyshot

Hassan Rayyan



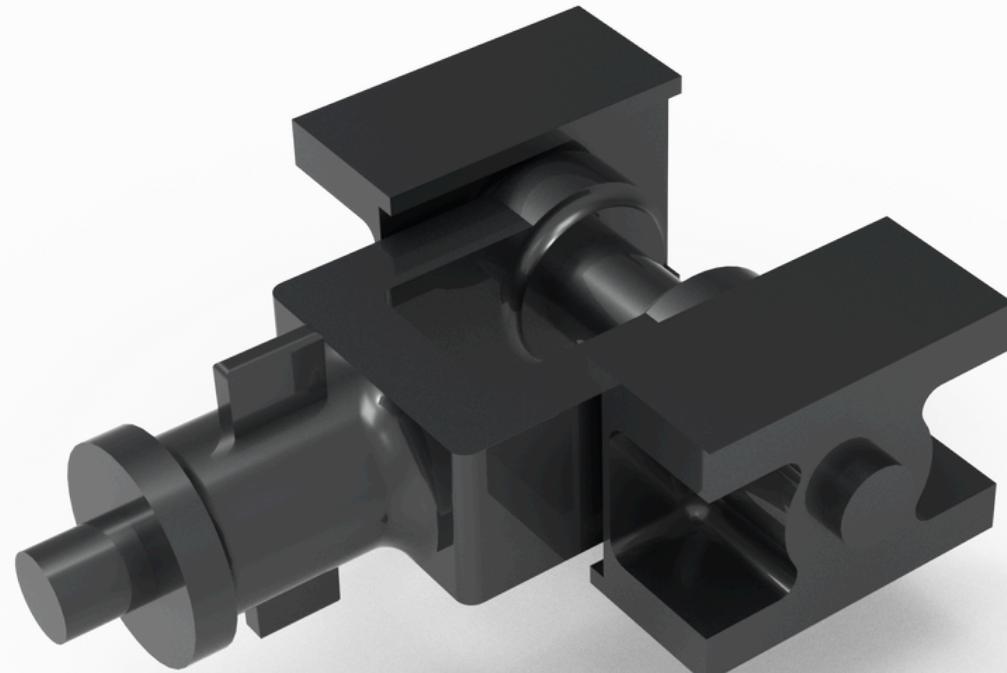
Spanner

Modeling By Solidworks
Rendered By Keyshot



Screw Driver

Modeling By Solidworks
Rendered By Keyshot



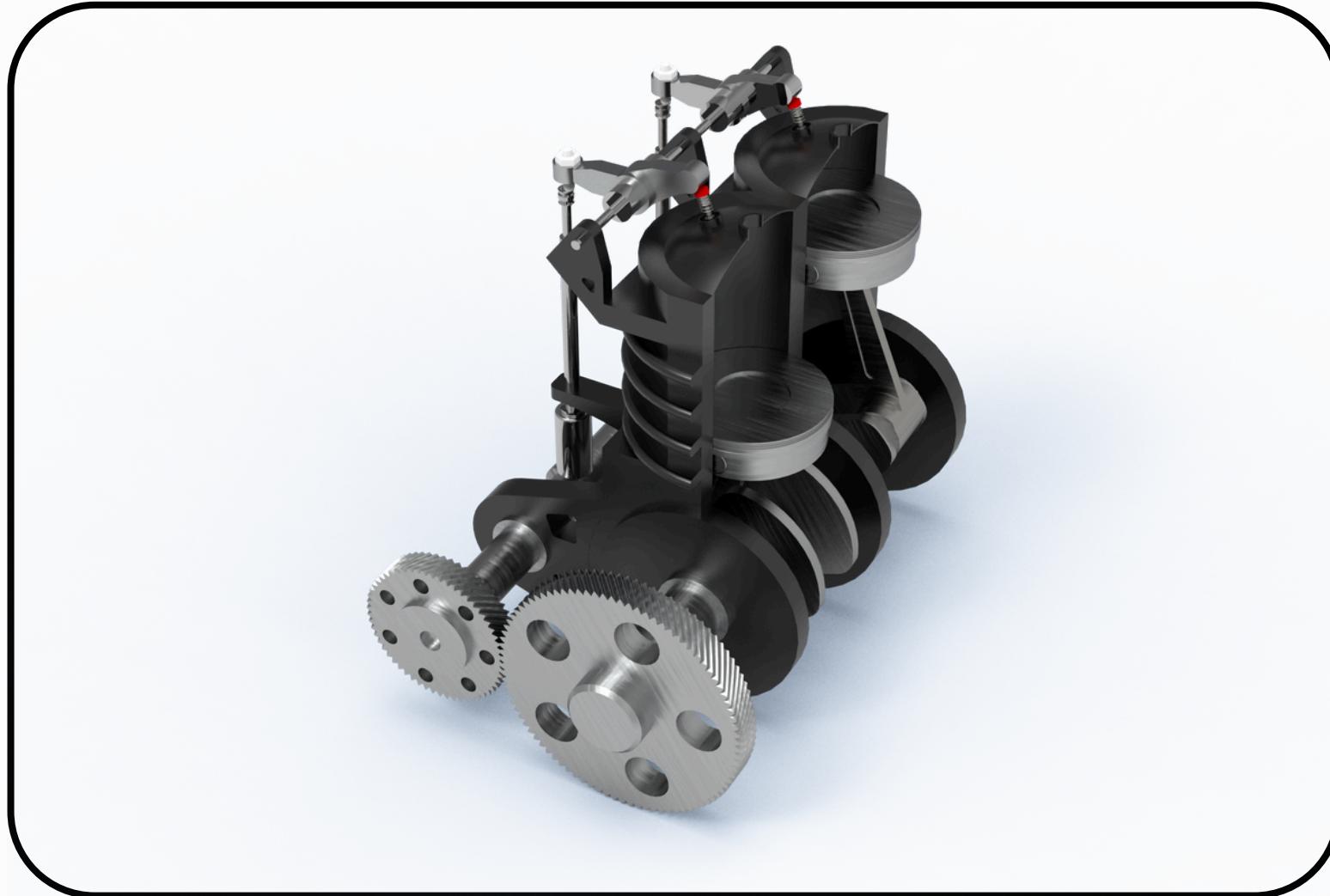
Engine Crosshead

Modeling By Solidworks
Rendered By Keyshot



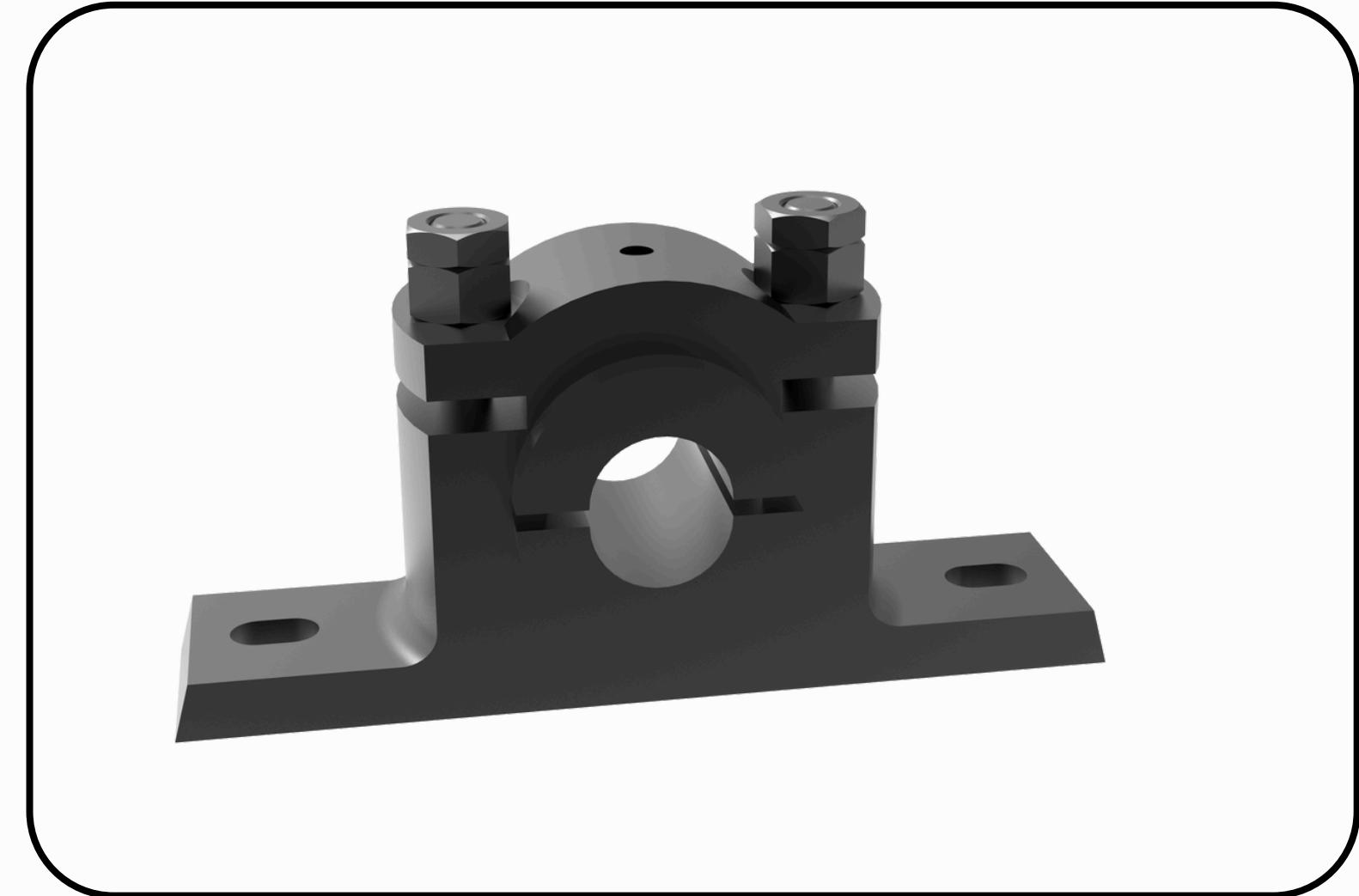
Pipe Junction

Modeling By Solidworks
Rendered By Keyshot



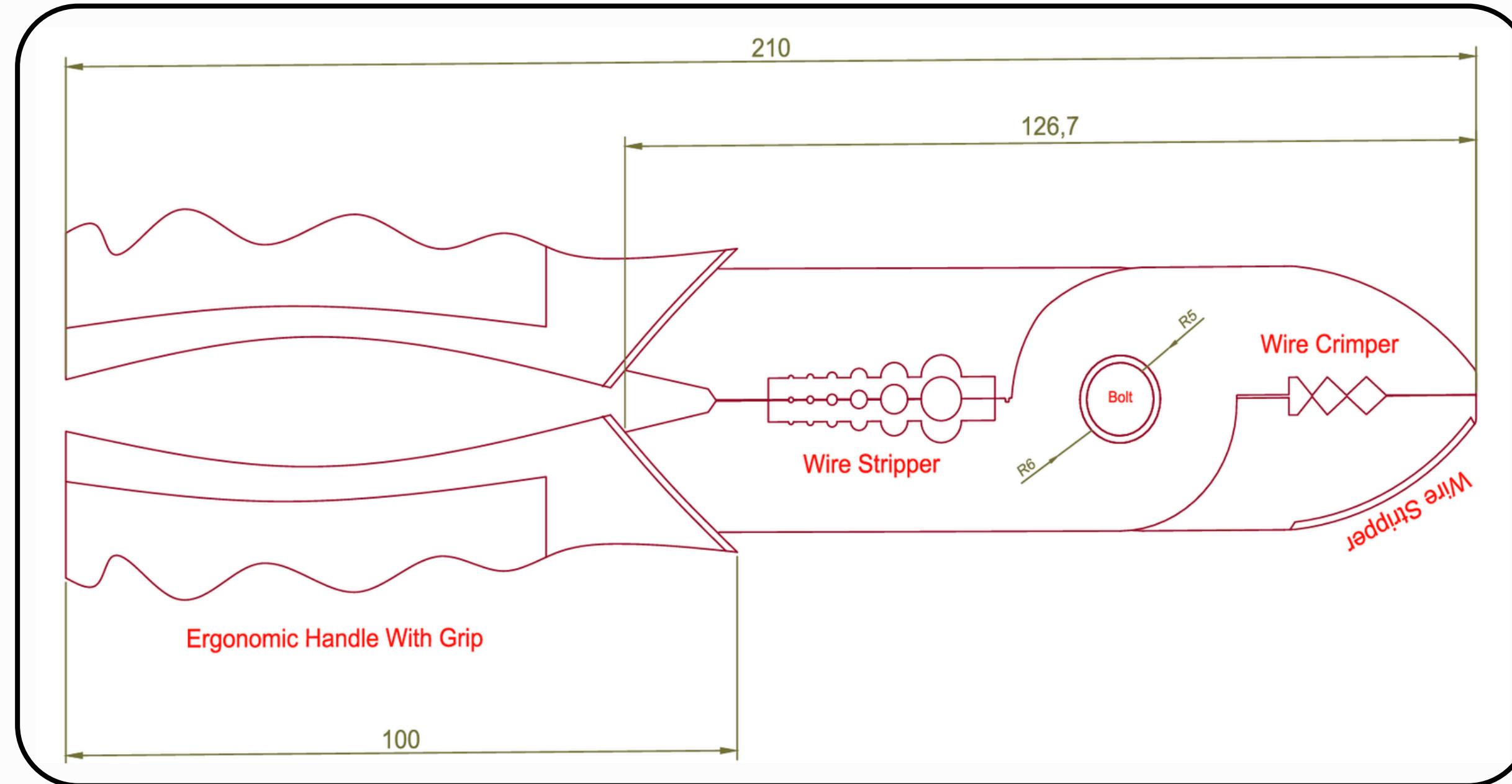
2 Cylinder Engine

Modeling By Solidworks
Rendered By Keyshot



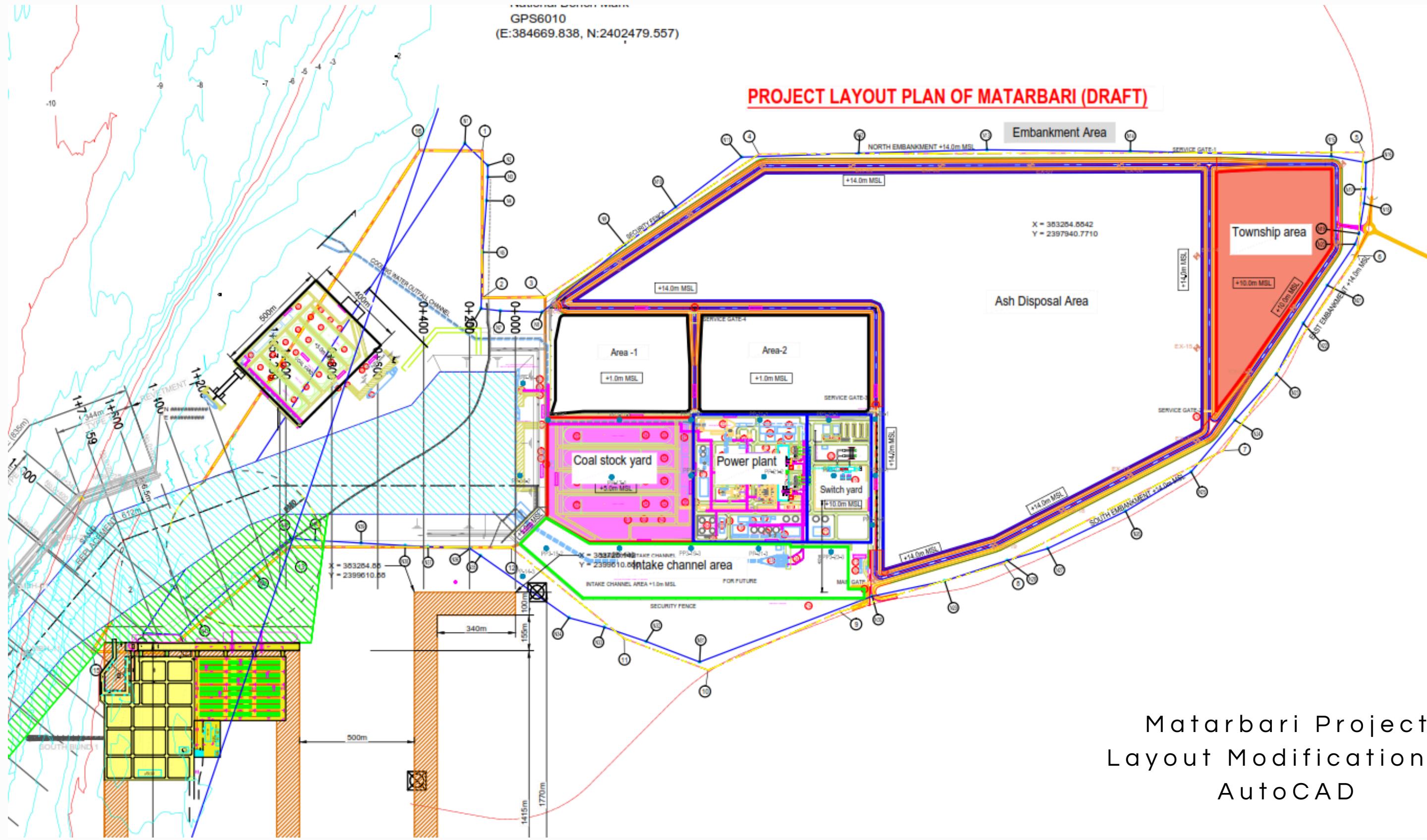
Block Plummer

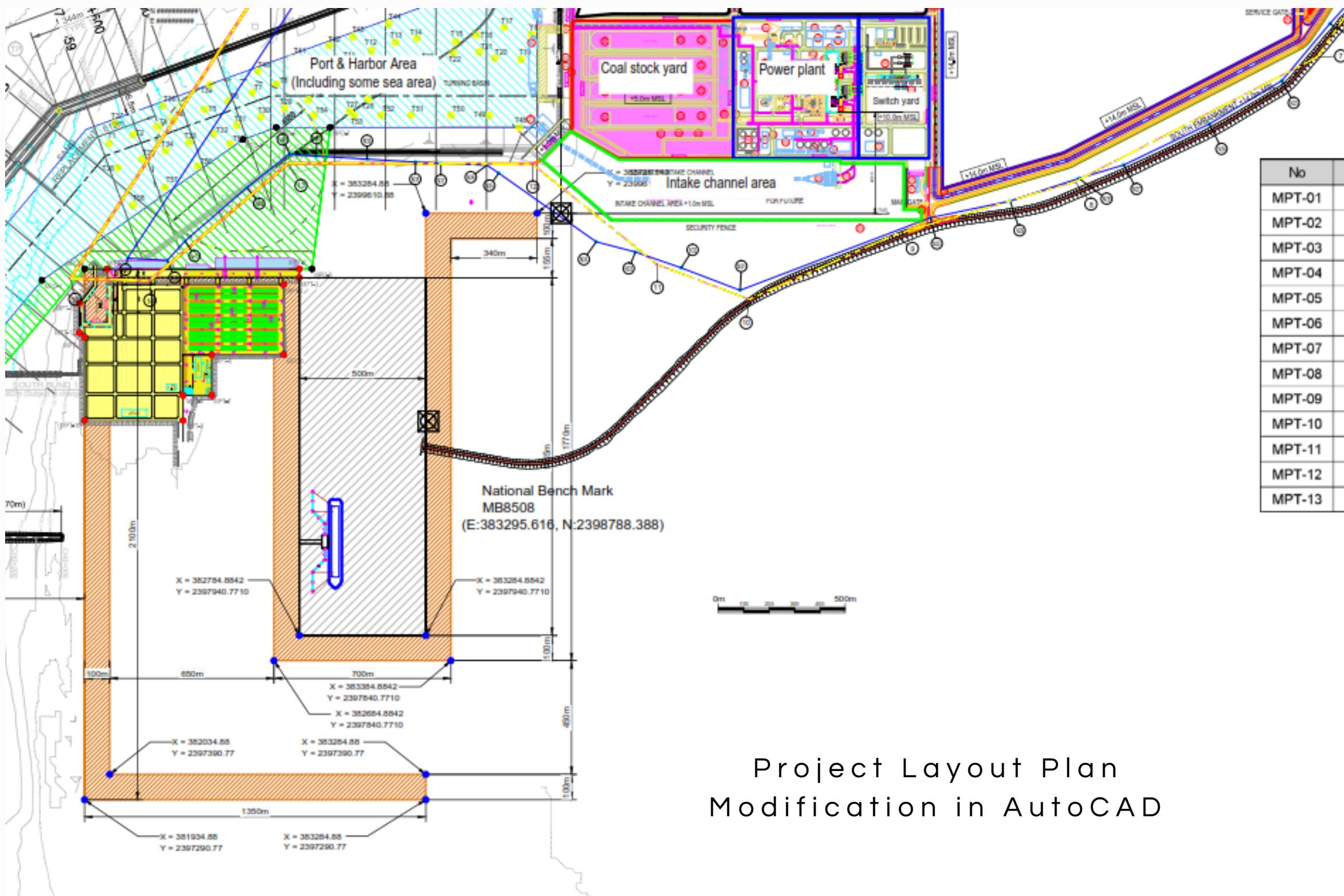
Modeling By Solidworks
Rendered By Keyshot



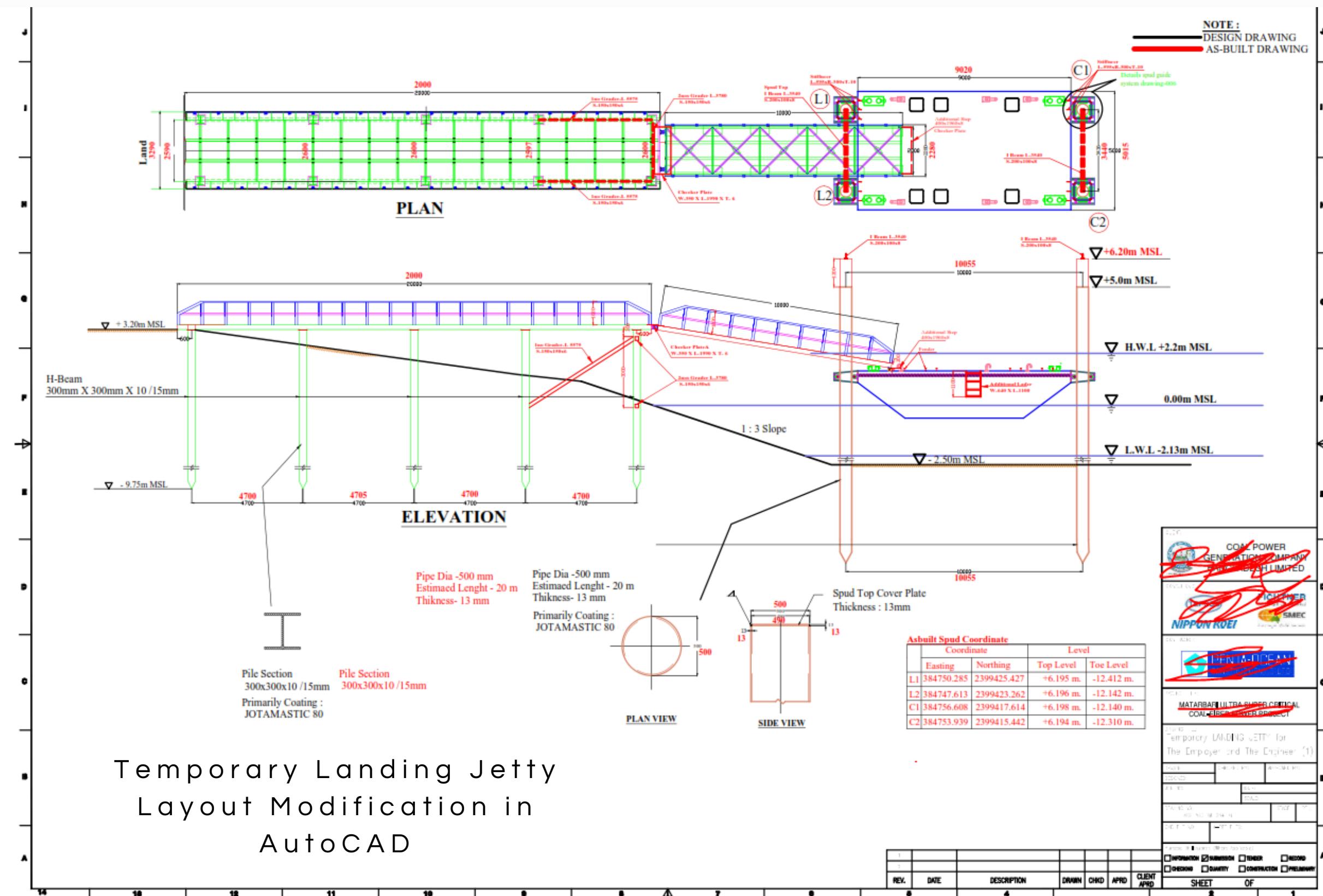
Pliers 2D Drawing

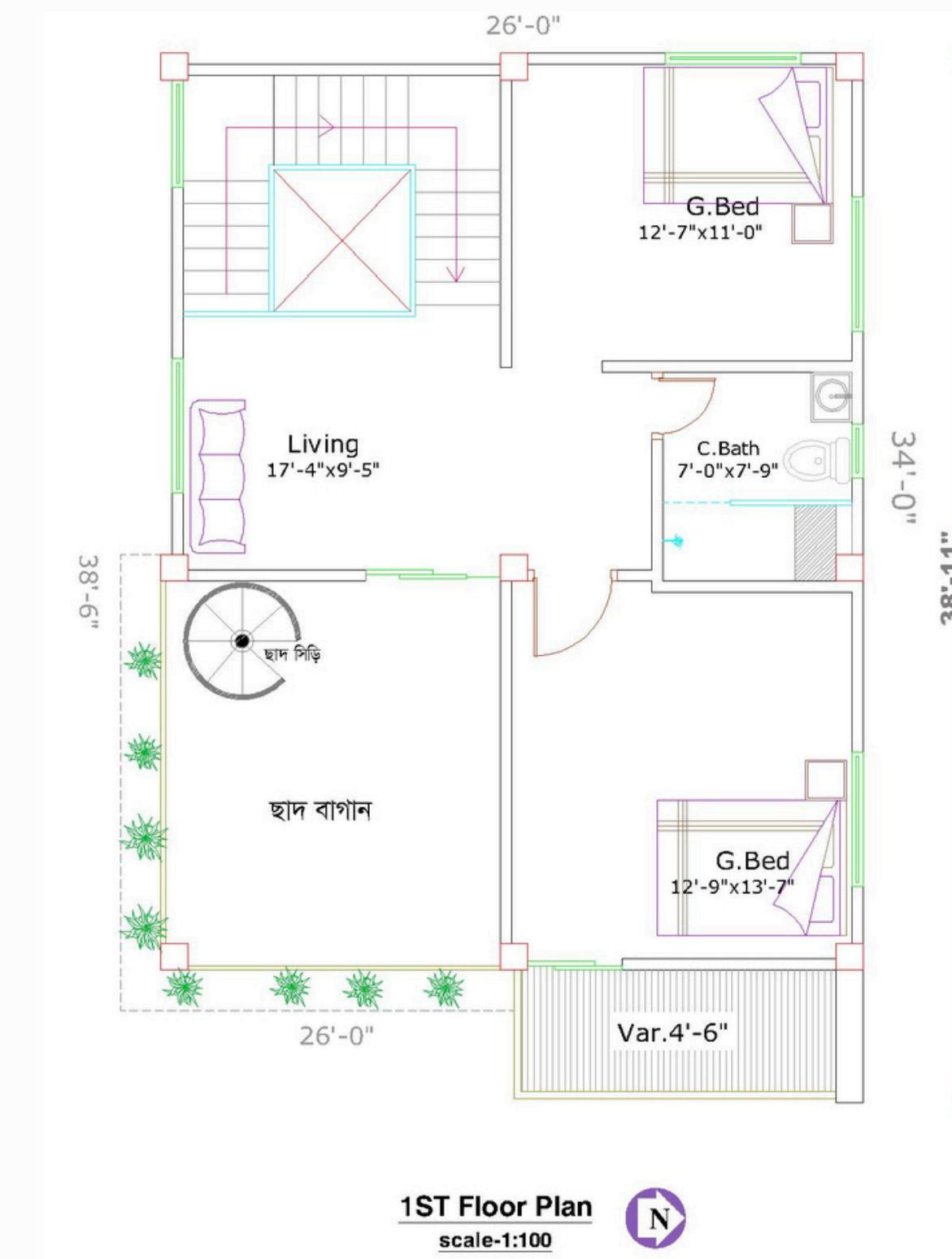
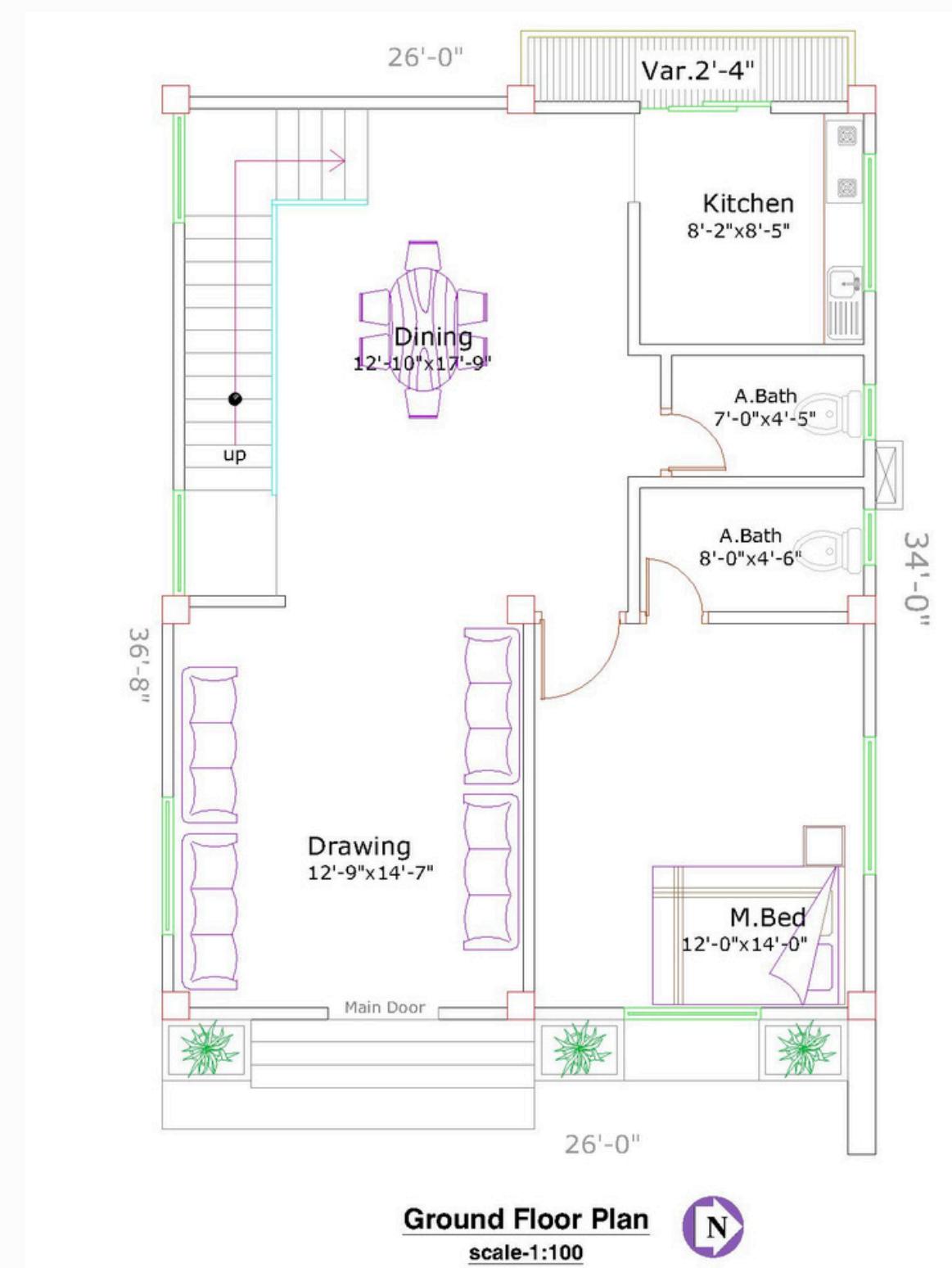
Drawn in AutoCAD
Made for a Client



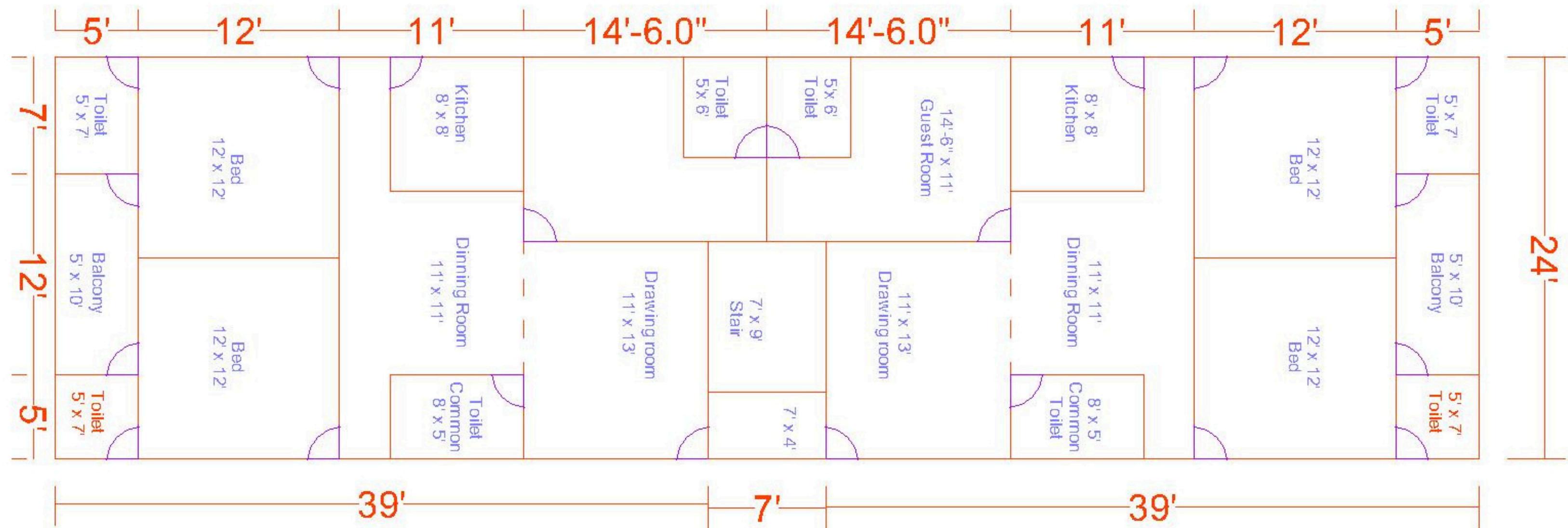


PROJECT TITLE _____
DRAWING TITLE _____
GENERAL PLAN

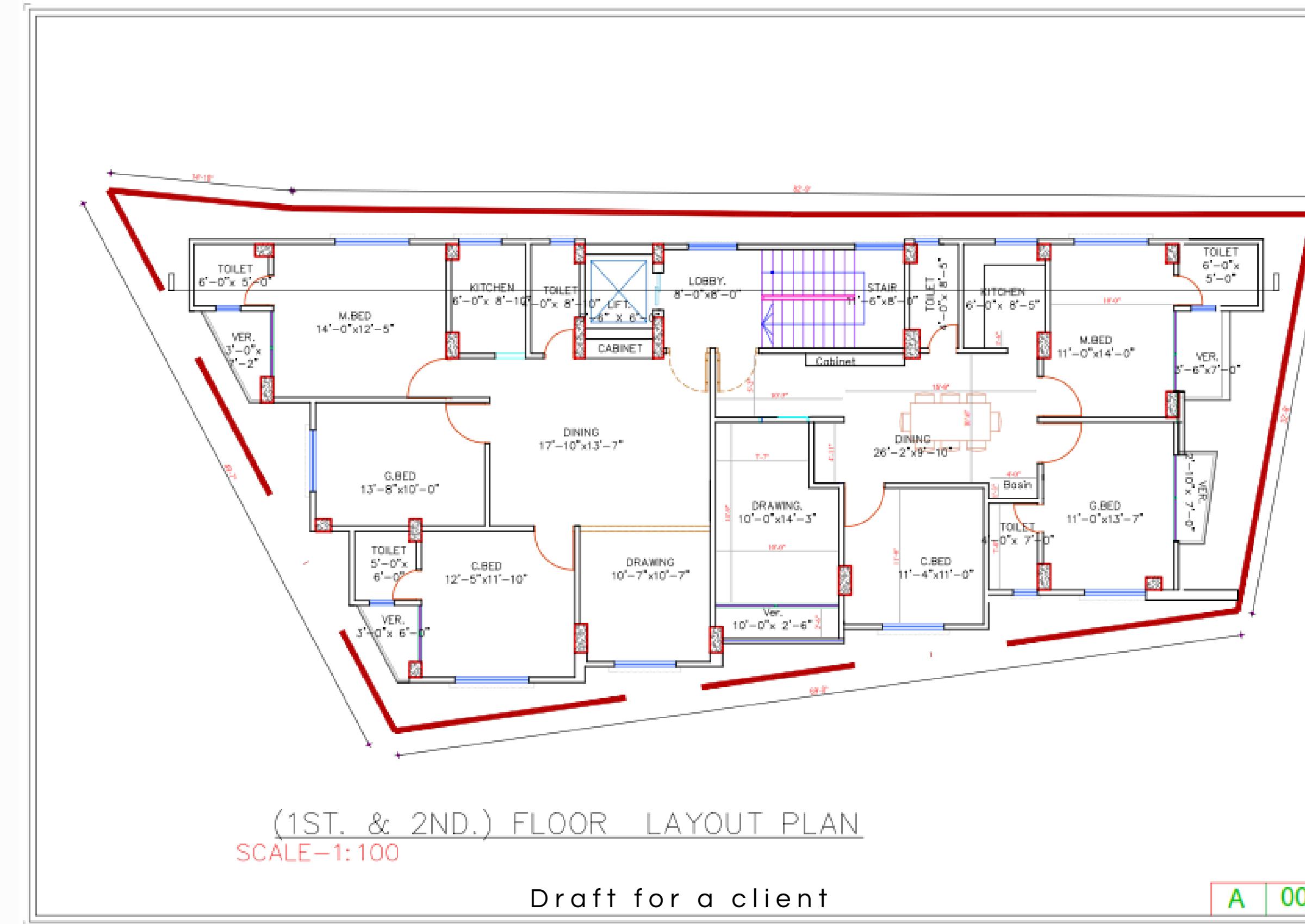




Made with AutoCAD
Family Project



AutoCAD draft for a client





Modeling with Sketchup
Rendering with V-Ray



Modeling with Sketchup
Rendering with V-Ray

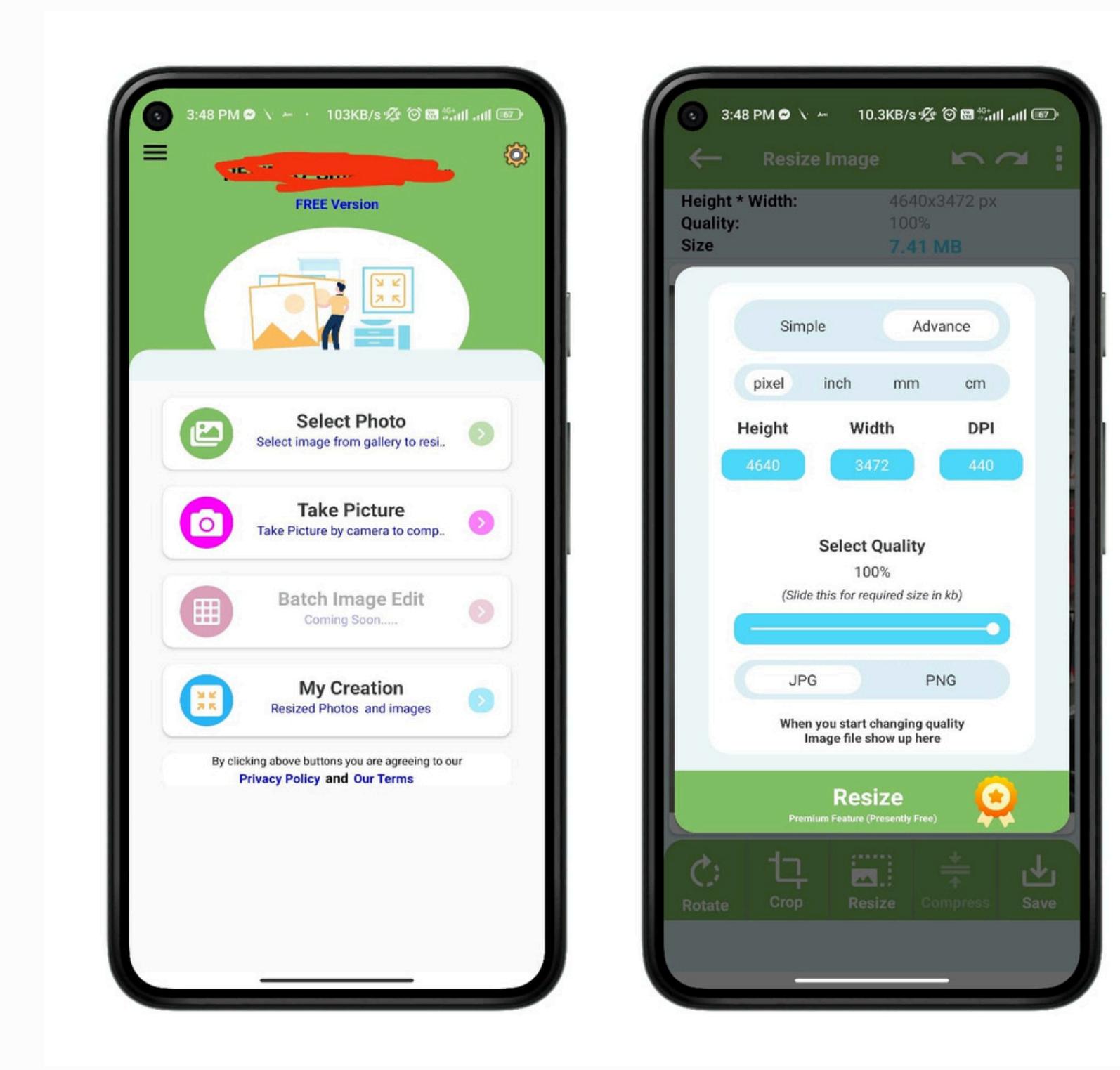


Image Resizing Android App

This app is a powerful image resizing and compression application designed for a client. It simplifies the process of reducing image file sizes while maintaining the image quality. The app offers flexibility by allowing users to save images in multiple formats, including JPG and PNG, making it an ideal choice for various use cases.

Made with Android Studio (Java)



The background features abstract geometric elements: a large dark gray rectangle at the bottom right, several thin black lines forming a grid-like pattern, and two clusters of 3D-style blocks. One cluster on the left contains a tall dark gray vertical bar, a shorter white vertical bar, and a light gray horizontal bar. Another cluster on the right contains a light gray horizontal bar, a dark gray vertical bar, and a white vertical bar. Small black '+' symbols are placed near the top center and right center of these clusters.

Thank You