



ABU SALEHA M

MECHANICAL DESIGN ENGINEER

PROFESSIONAL EXPERIENCE

3 years of valuable experience in Design & Development of Automotive Vehicles and Plastic panels. Also Mechanical Equipment's like Acoustics enclosures, Structural design and development, and worked in various profiles like Prototyping, Project Execution, & Manufacturing.

WORK EXPERIENCE

Marutee Design & Engineering Pvt. Ltd.

May 2022 - Present

- Worked In-House as a Junior Design Engineer(In Chassis and Body works) For Building Bounce Electric Automotive Vehicle
- Deployed to Numeros Motors Pvt. Ltd. and Working as a Lead Plastic Engineer for DIPLOS Vehicle
- Handles all activities related to Body works-Trims, DFM, DFMEA, DVP, TSO and TKO.
- Meets Companies requirements In-Line With Supplier
- And Does PLM Activities(Team Center)

Bani Technologies and CADDESK, Bangalore

Sept 2020 - Dec 2022

- Working as a Full Time & Part-Time Mechanical CAD Faculty(Mech-Solidworks, CATIA, CREO & Nx CAD)
- Training Provided based on the requirement of the candidates on CAD softwares

ADDITIONAL EXPERIENCE

Freelancer and Designing Services -Jan 2022 - May 2022

- Designing 3D Acoustic Enclosures For Diesel Gensets using SolidWorks, Creo PTC
- Preparation of General Arrangement(GA) drawings as per customer requirement in AutoCAD
- AutoCAD Drawing and Nesting is done based on the standard sheets available in the market
- Preparation Of E-BOM For Manufacturing.

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Whitefield, Bangalore

SKILLS

- Highly Skilled In CATIA and Nx CAD
- A Very Good Mechanical Software Exposure
- Skilled In Using Teamcenter For PLM Activity.
- Quick Learner
- Ability To Work Independently
- Handles Multiple Tasks With Accurate Outcome
- Always Finishes Tasks Well Before The Deadlines
- Worked in CATIA, Nx CAD and Solidworks

HOBBIES AND INTEREST

- Urdu Poetry
- Guitar Player and Sketching

EDUCATION

- Diploma In Mechanical Engineering- 2013 to 2016

PORTFOLIO

ABU SALEHA



I, ABU SALEHA

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3. AutoCAD Drawing and Nesting is done based on the standard sheets available in the market

4. Preparation Of E-BOM For Manufacturing

CONTENTS

1. VOLKSWAGEN POLO

2. PORSCHE CAYMAN

3. MISCELLANEOUS

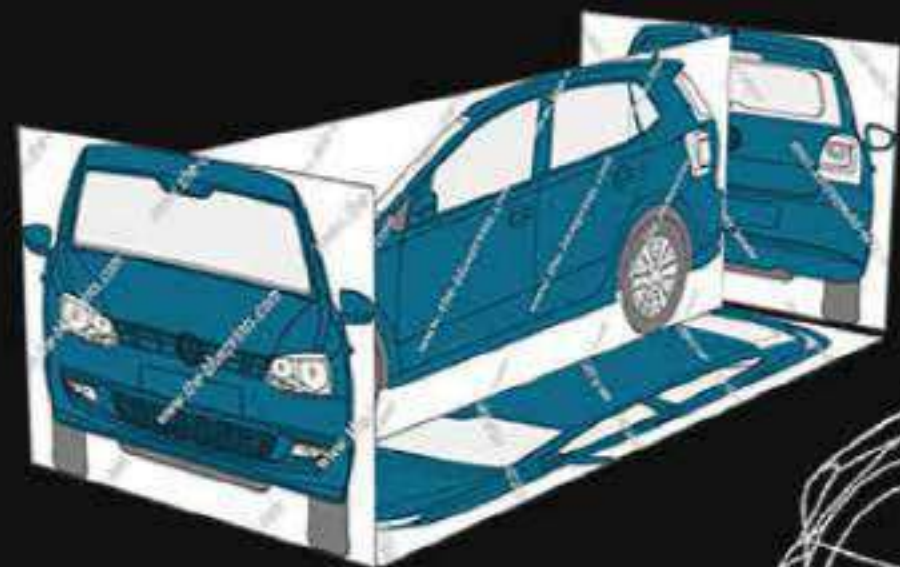
4. ELECTRIC VEHICLE
-CHASSIS FRAMES
-BODY PANELS

5. GENSET DESIGN(SHEETMETAL)
-GADRAWING(2D LAYOUT)
-3D GENSET
-FINAL DESIGN AND NESTING
DRAWING

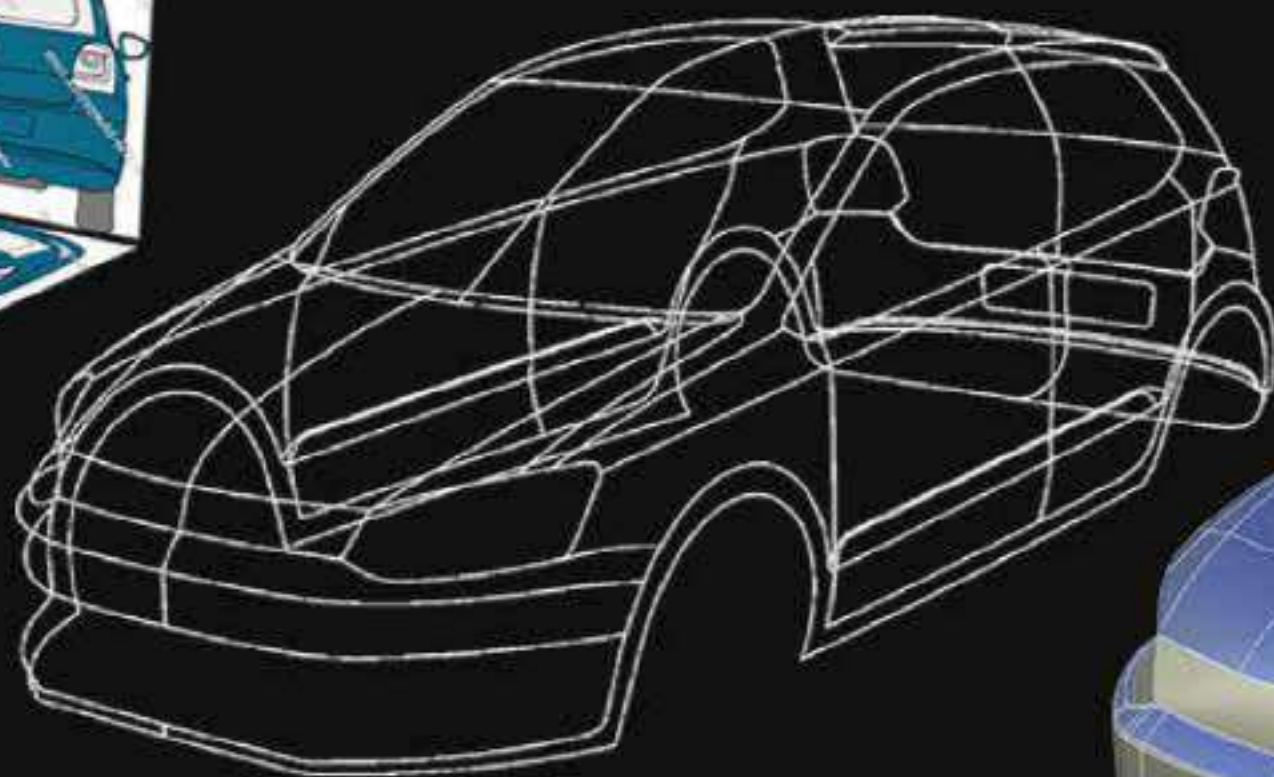
VOLKSWAGEN

POLO

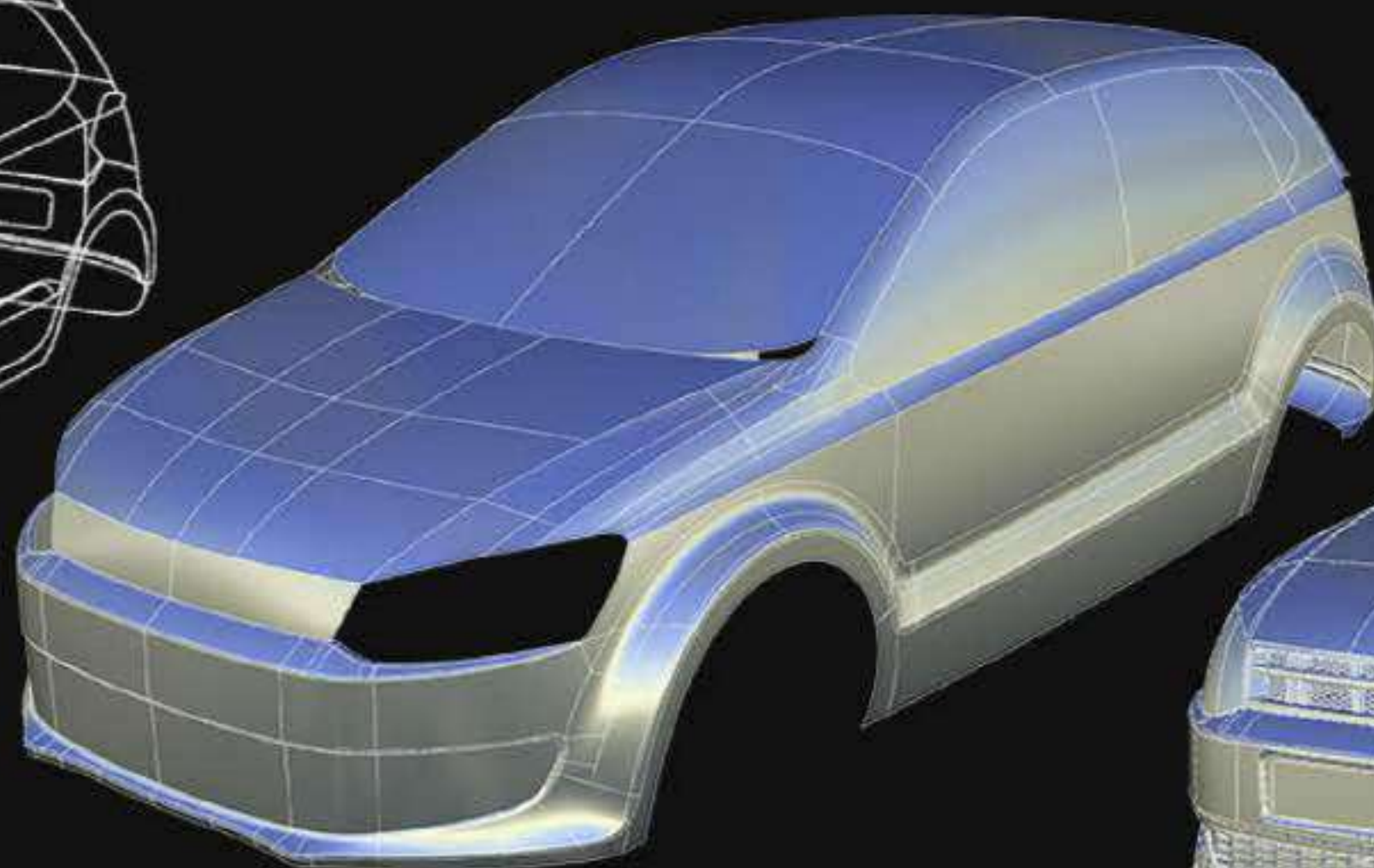




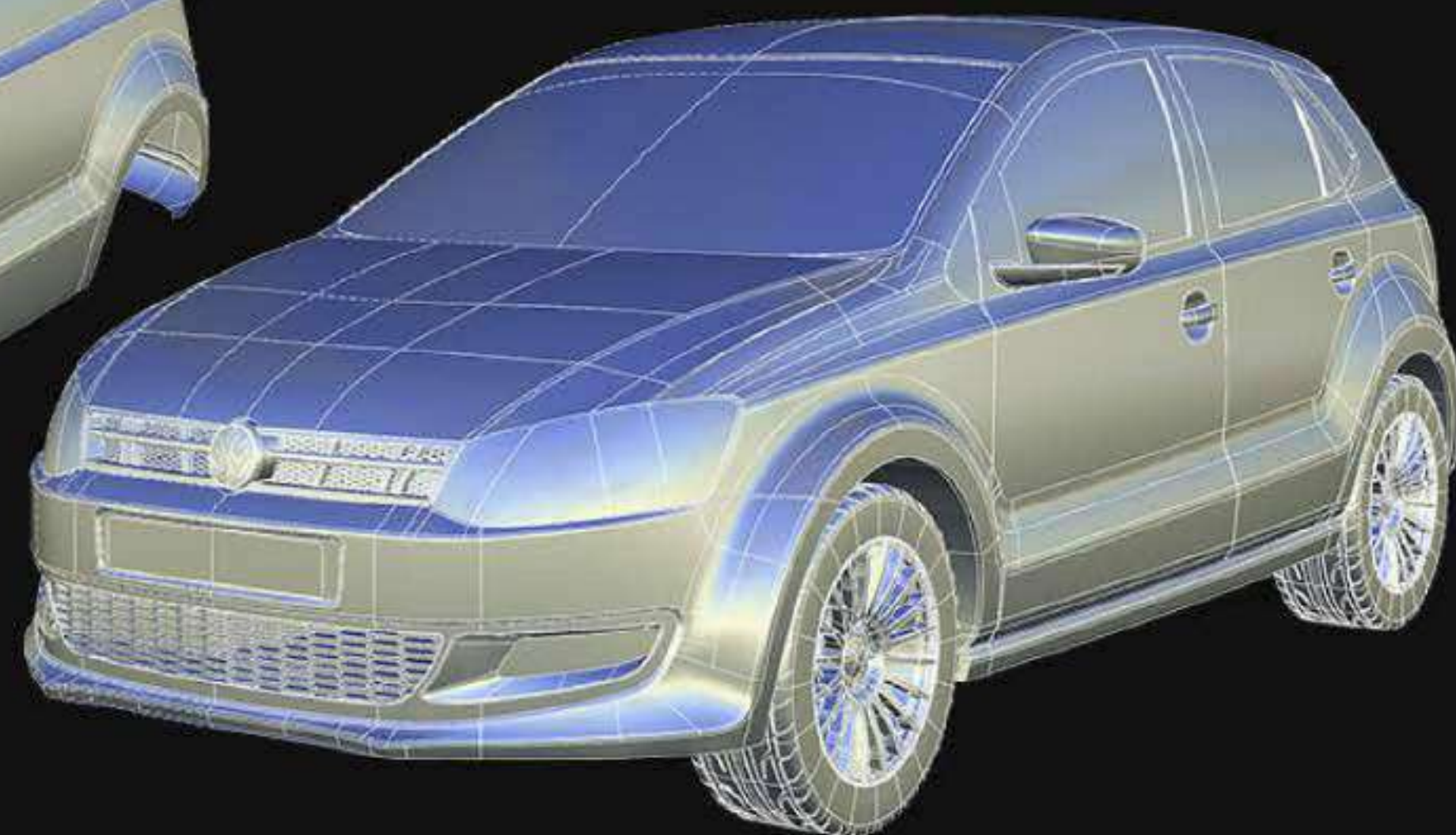
Blueprint



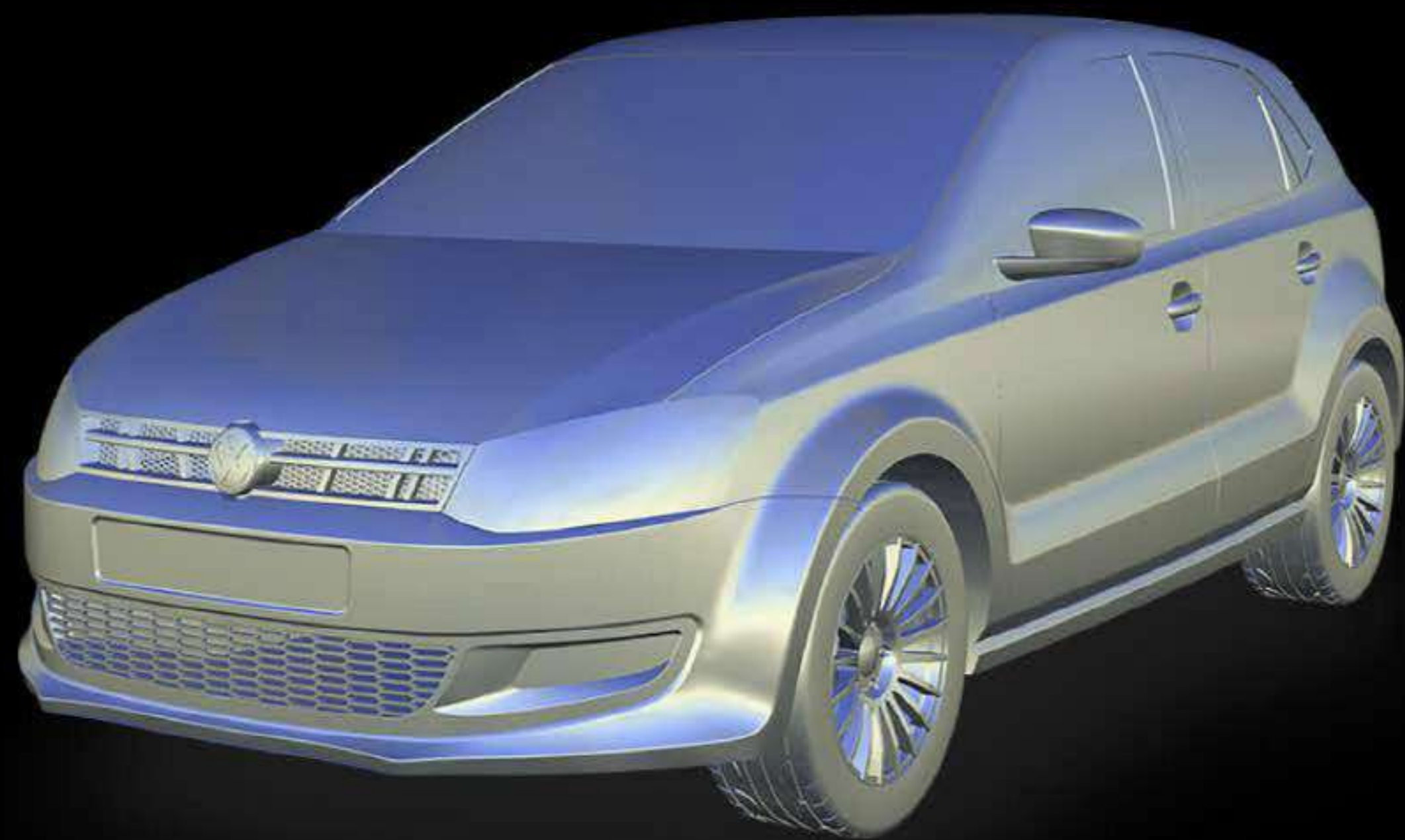
Curve Network



Sharp Model



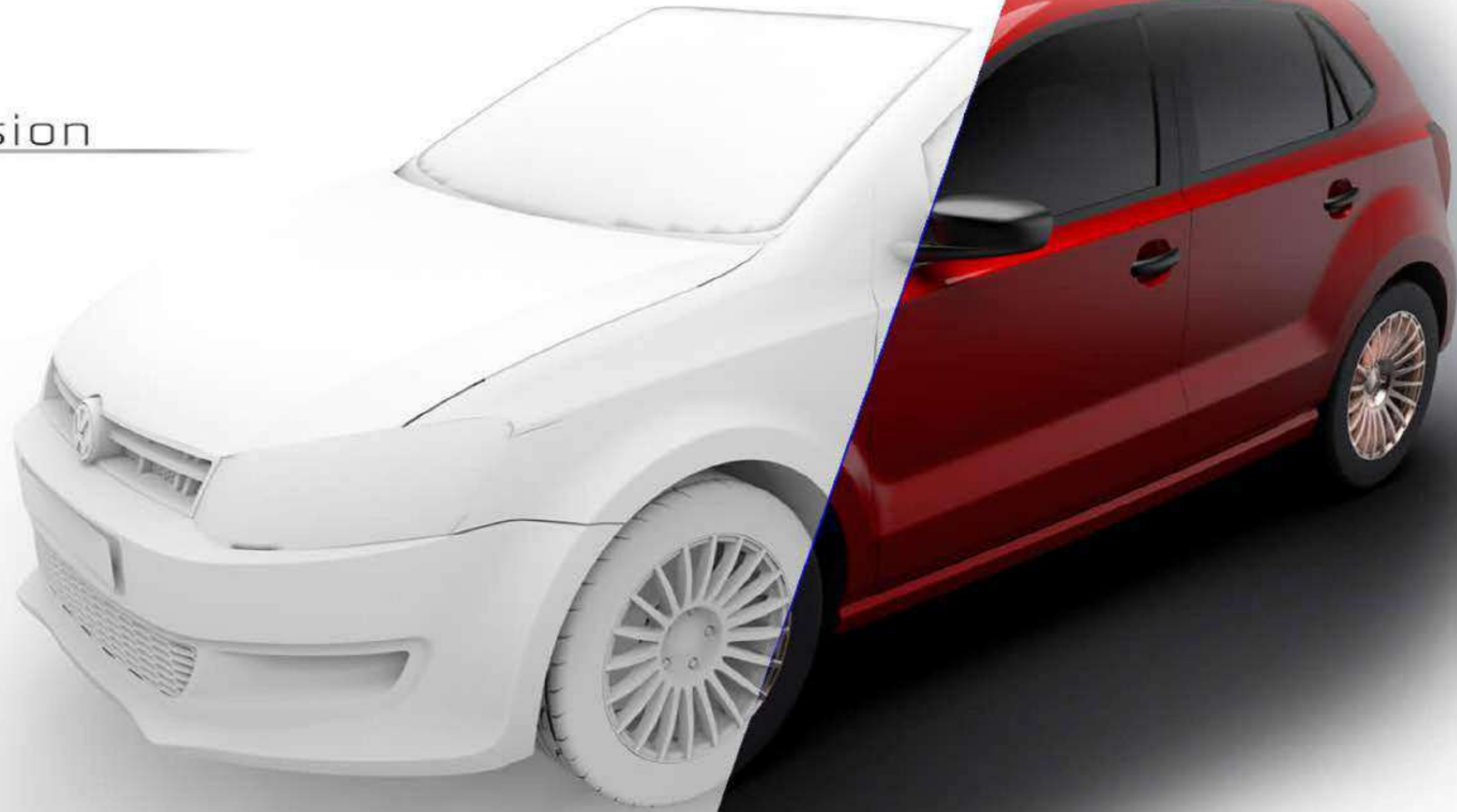
Final Model



Metal Shader



Ambient Occlusion



Render Image

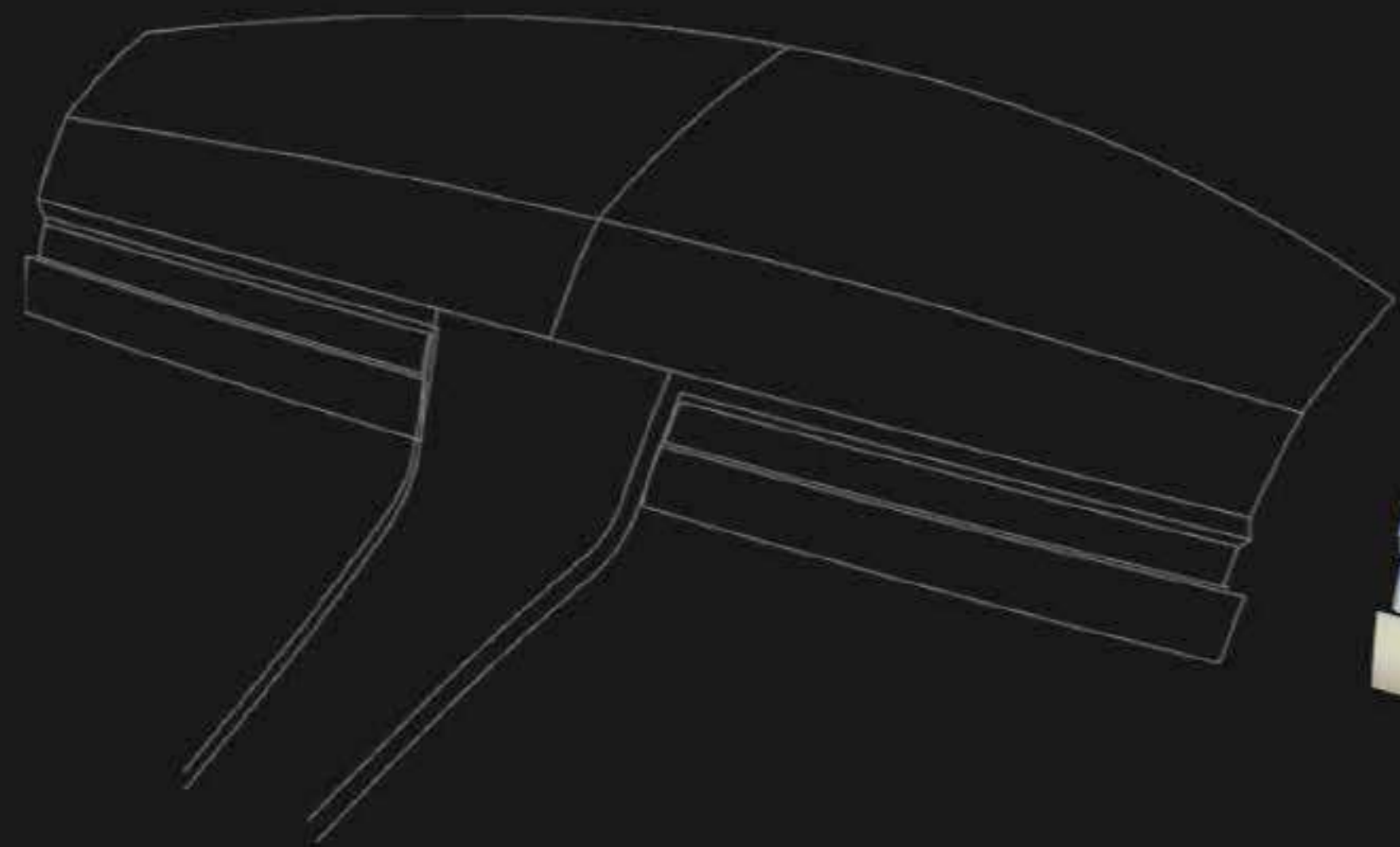


Render Image

PORSCHE

CAYMAN

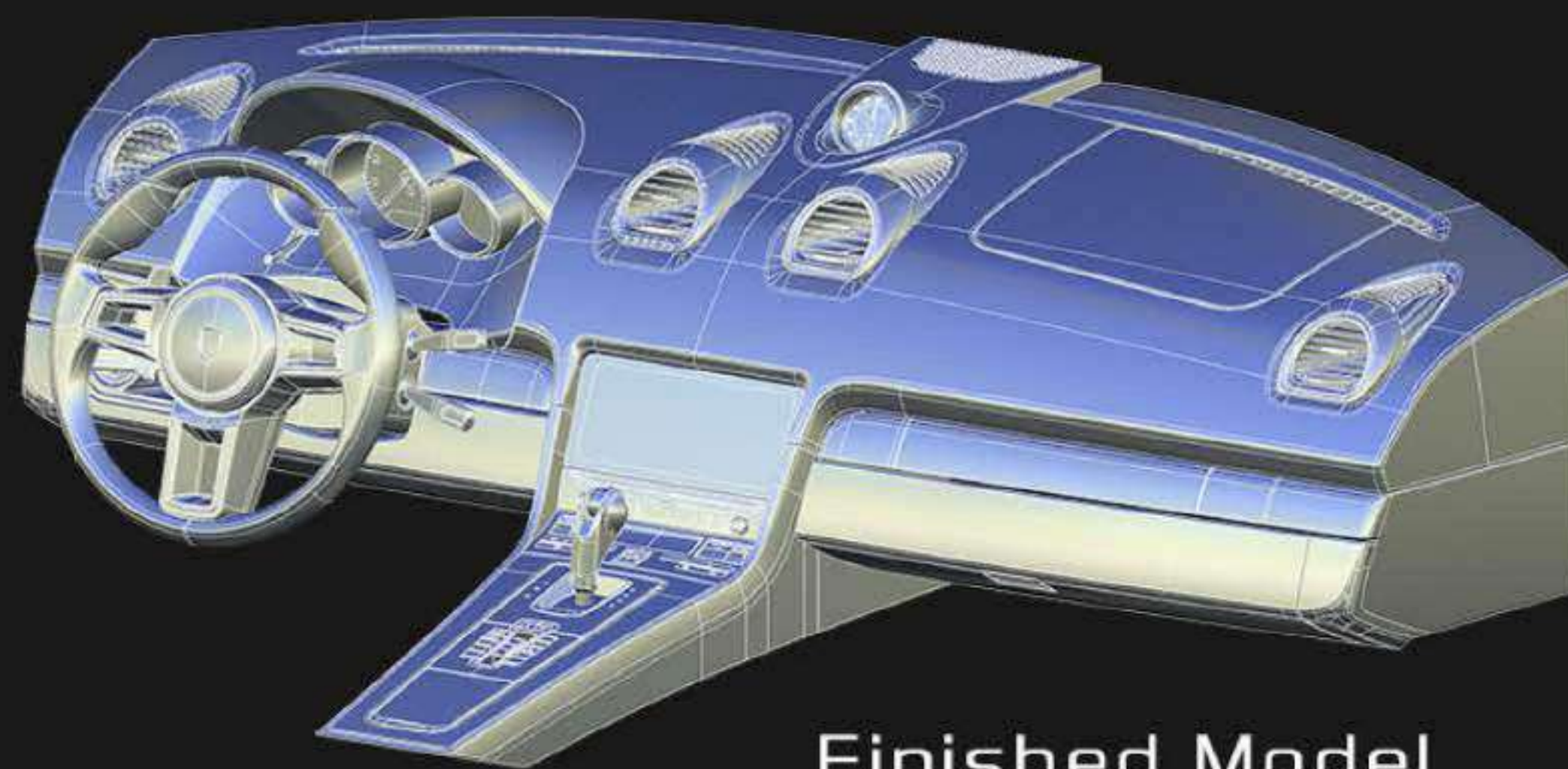




Curve Networks



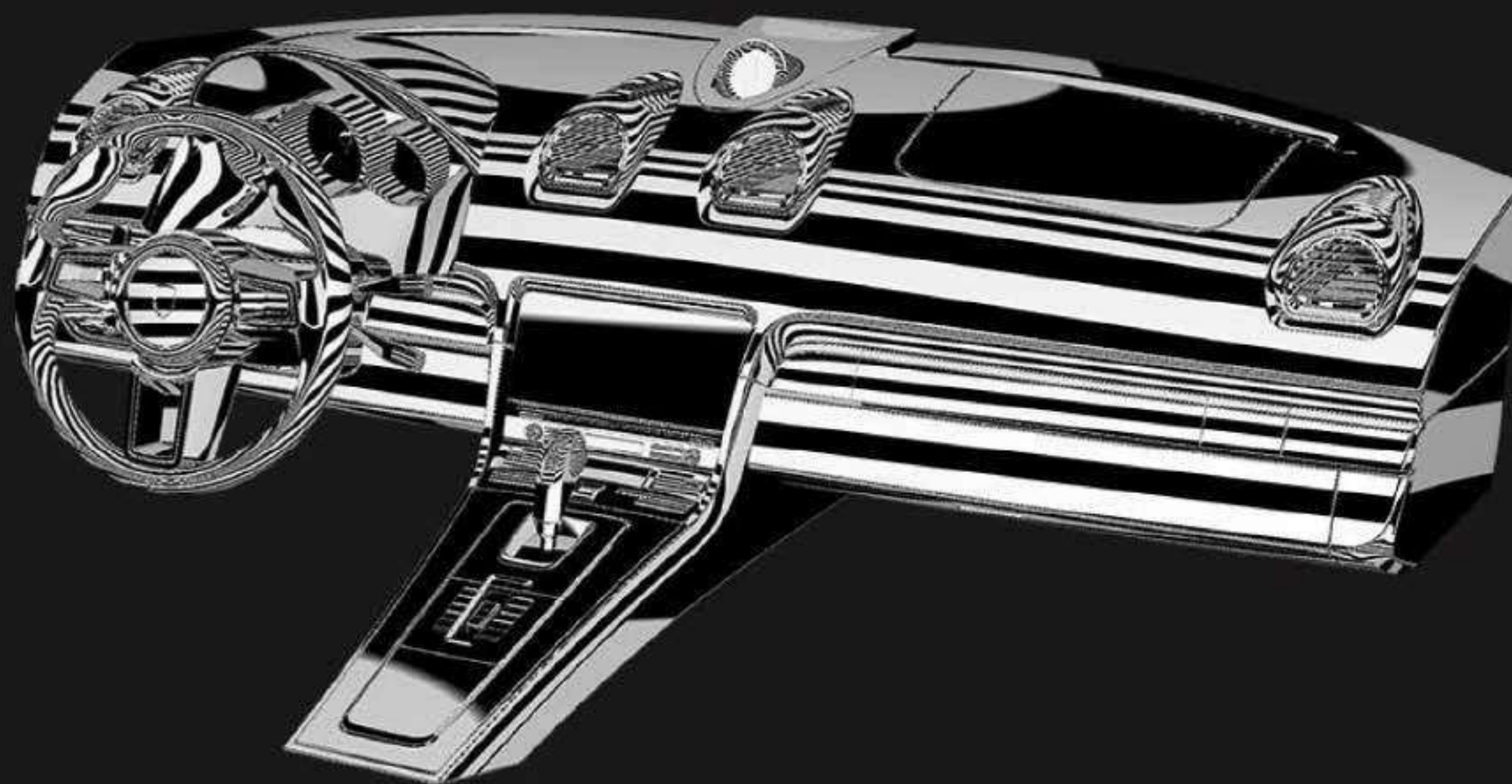
Sharp Model



Finished Model



Metal Shader



Zebra Shader

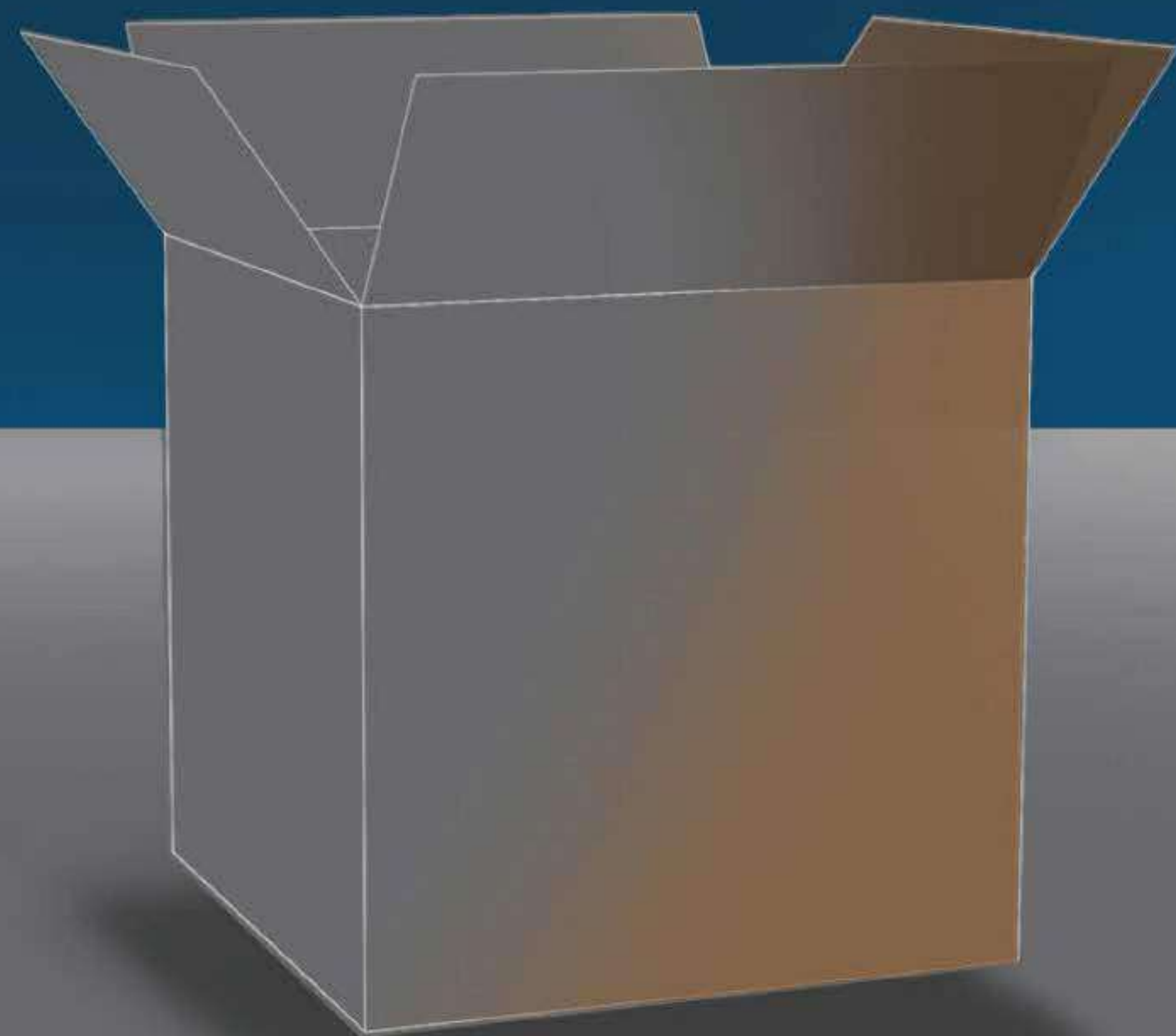


Ambient Occlusion

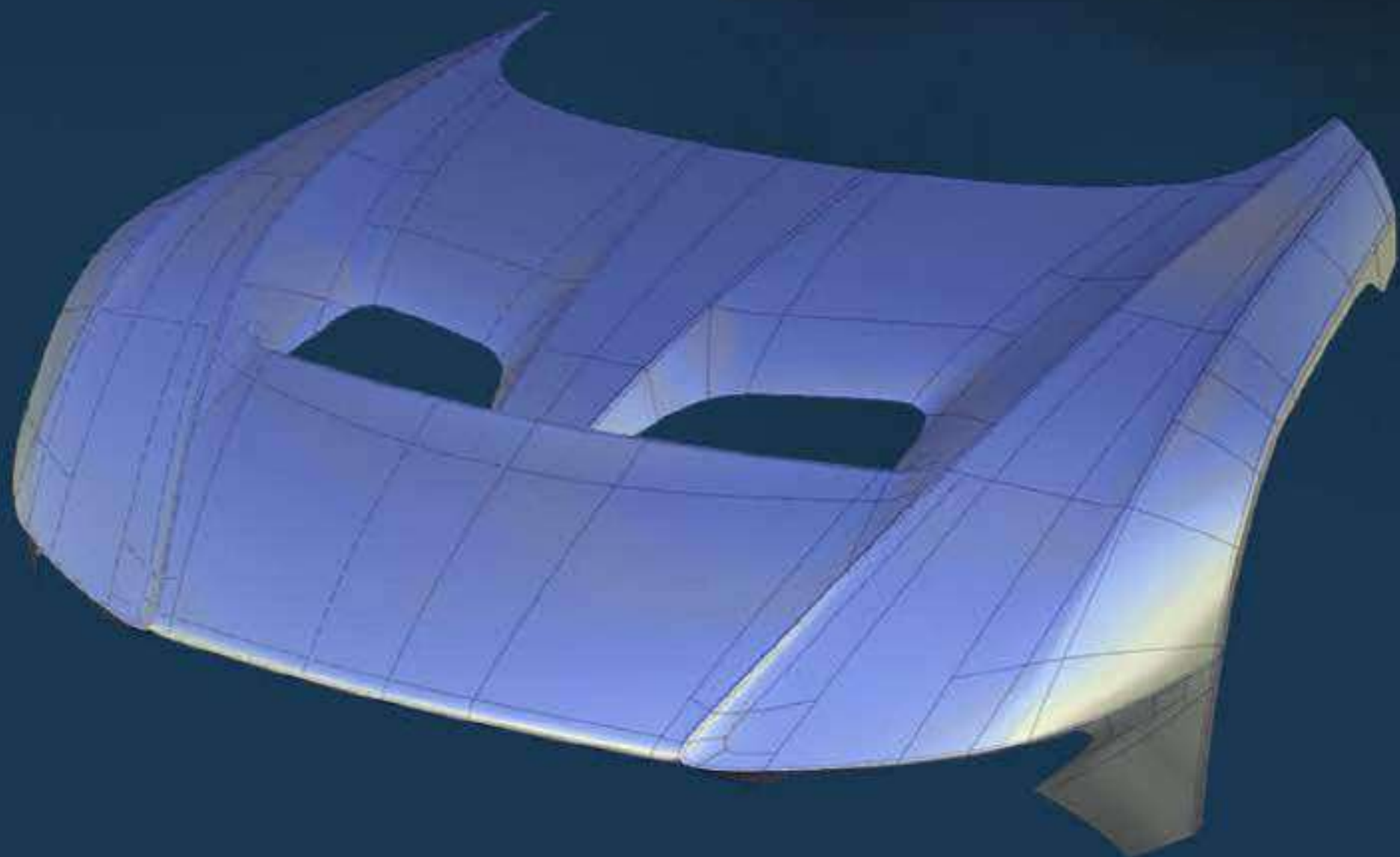


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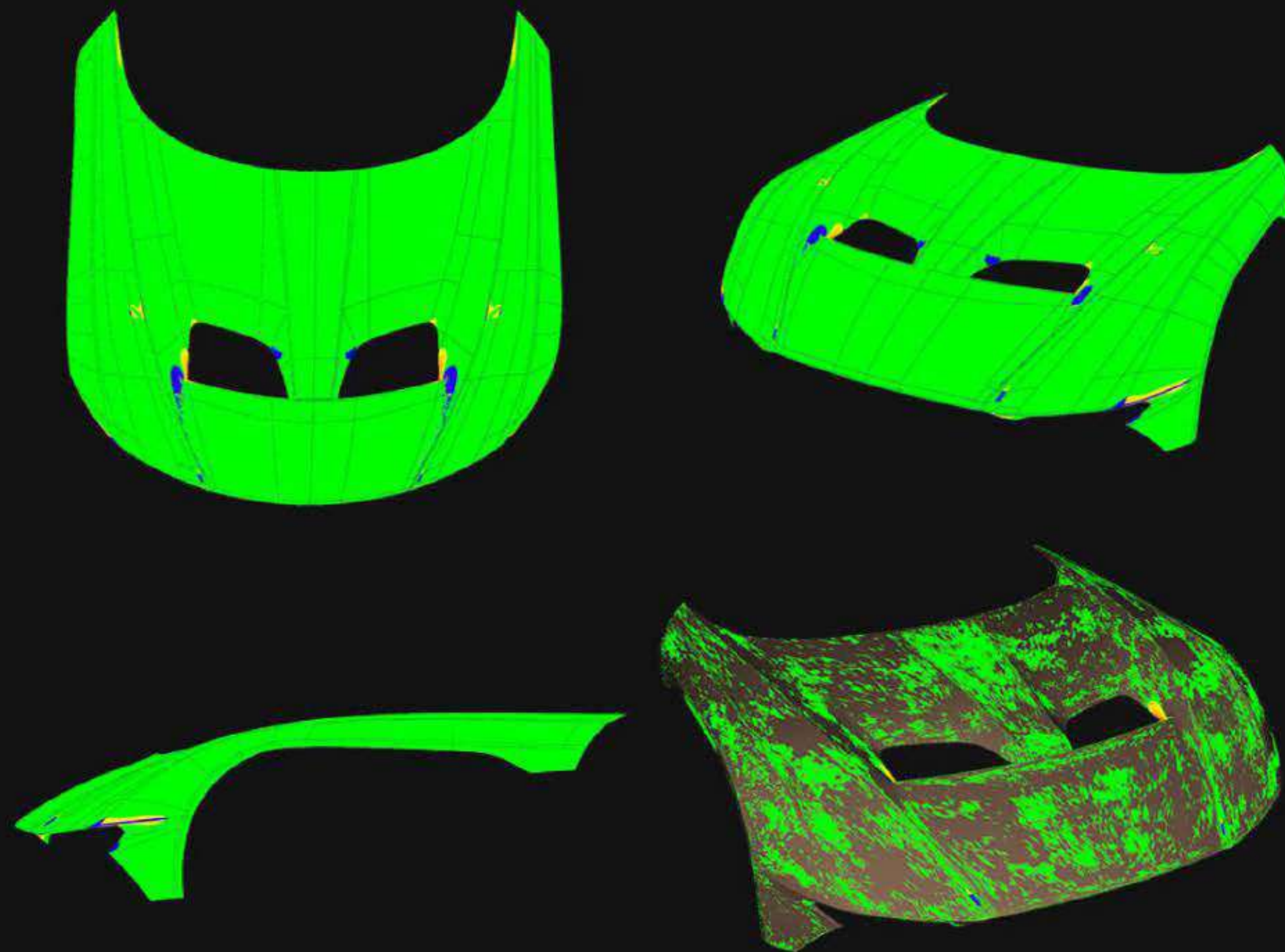
MISCELLANEOUS



ASTON MARTIN VULCAN



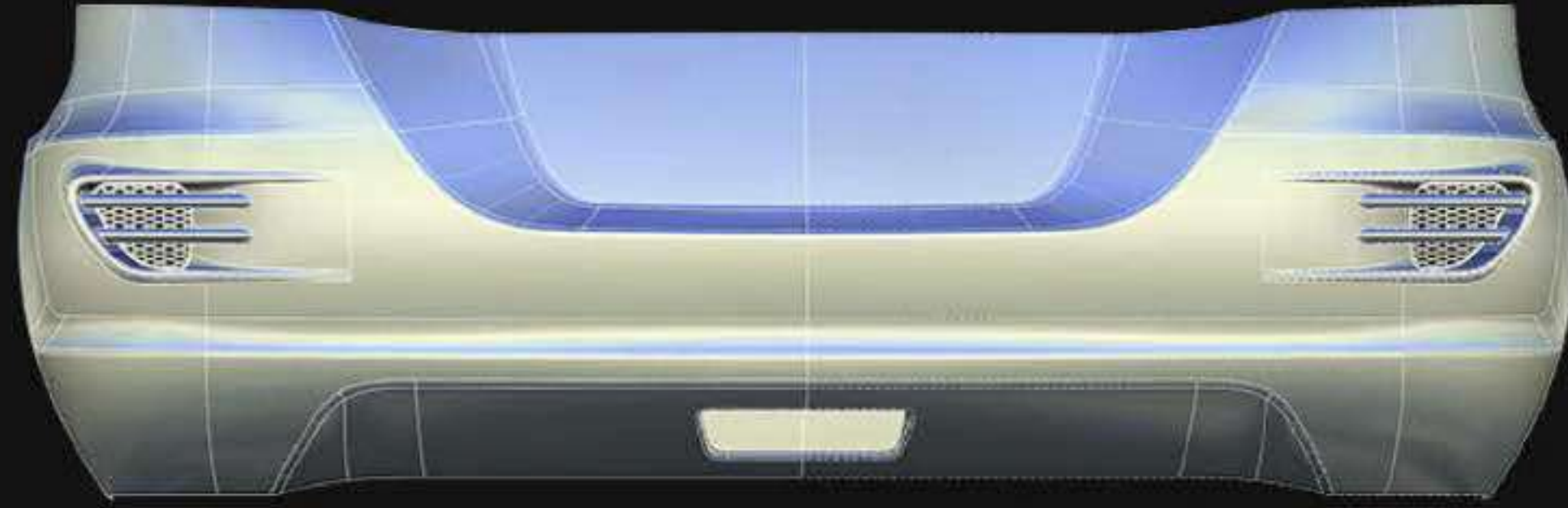
Scandata Model



Deviation Maps

MARUTI SUZUKI SWIFT

REAR BUMPER



Patch Layout



Zebra Shader



MERCEDES-BENZ

ALLOY RIM



Patch Layout

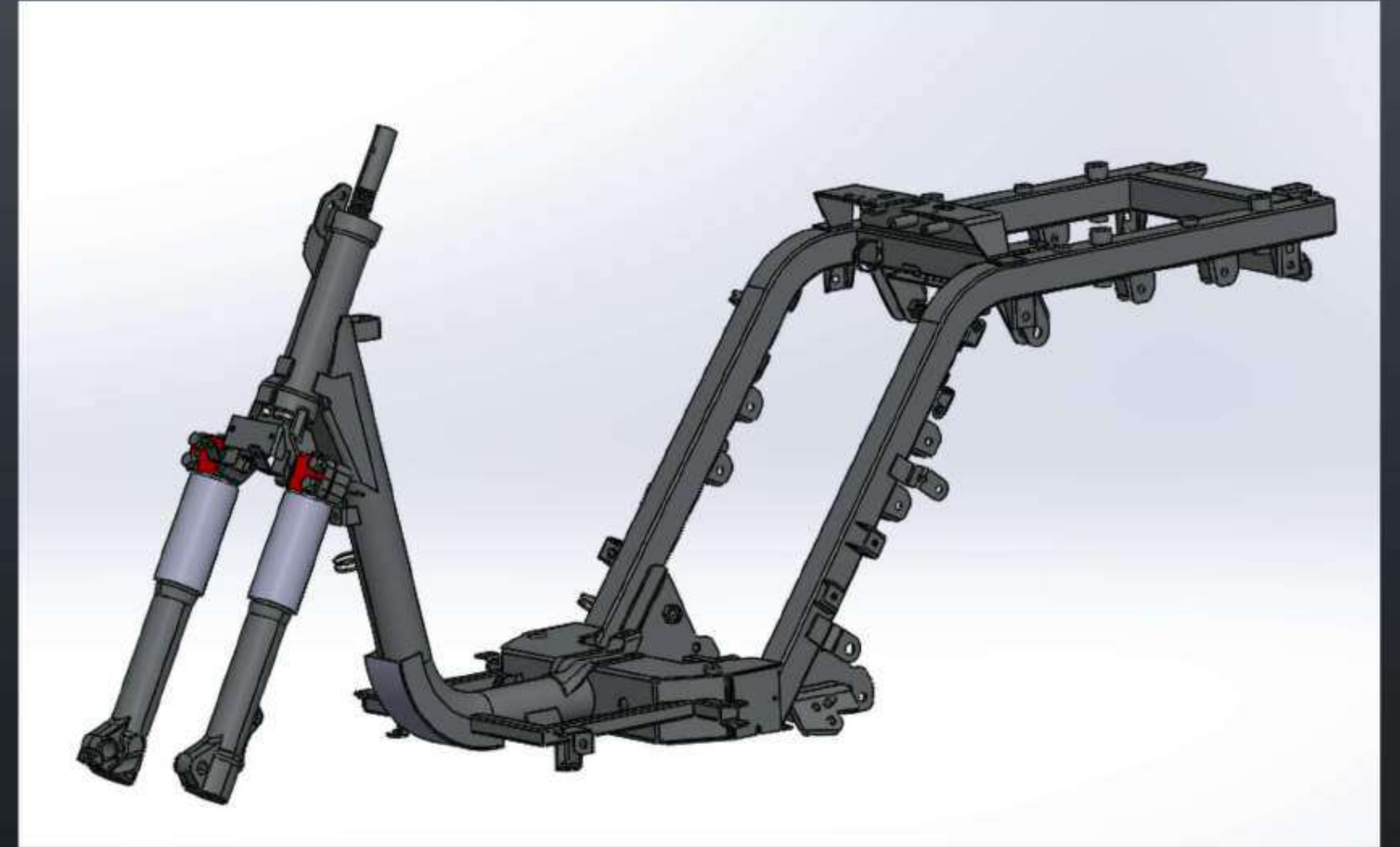
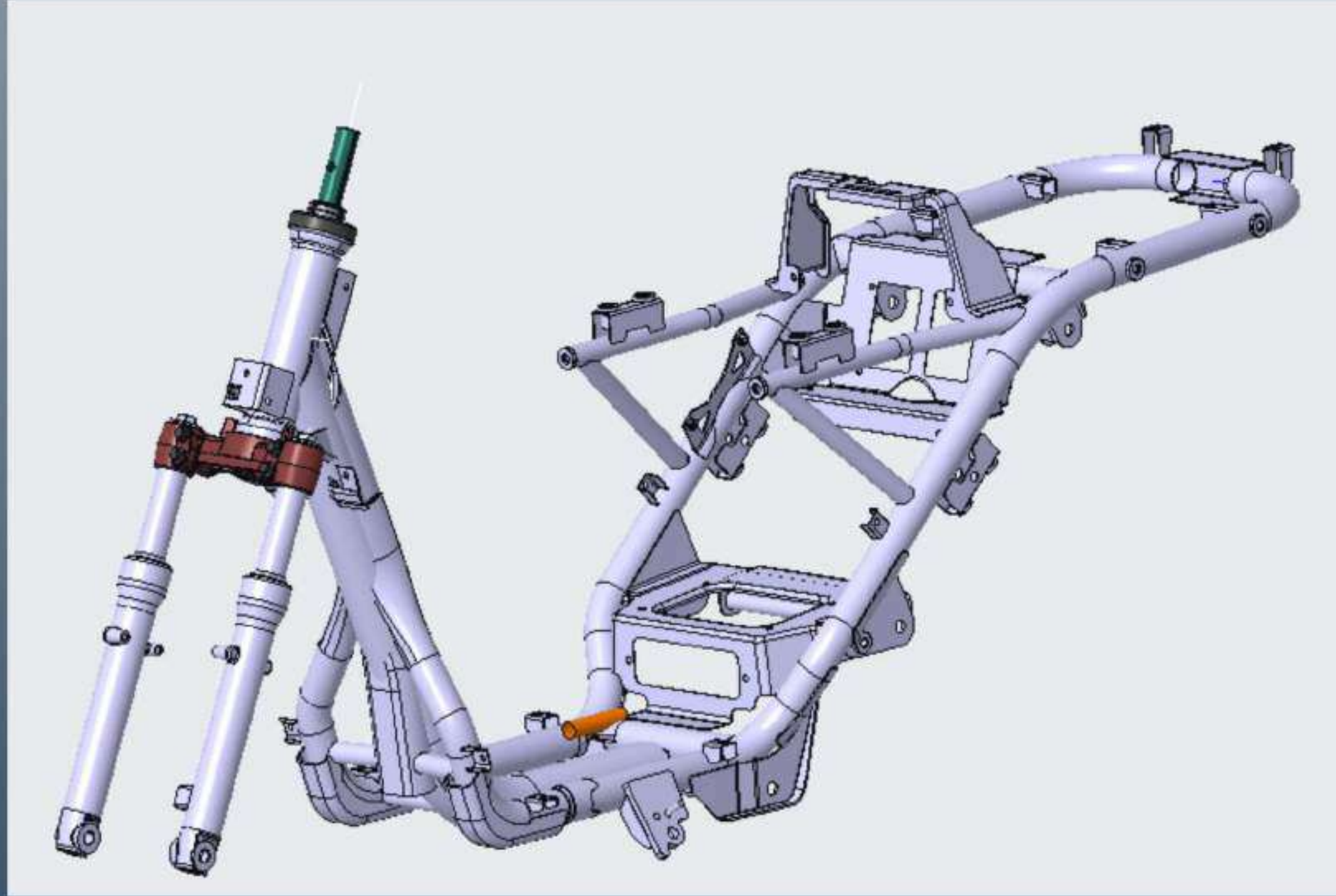


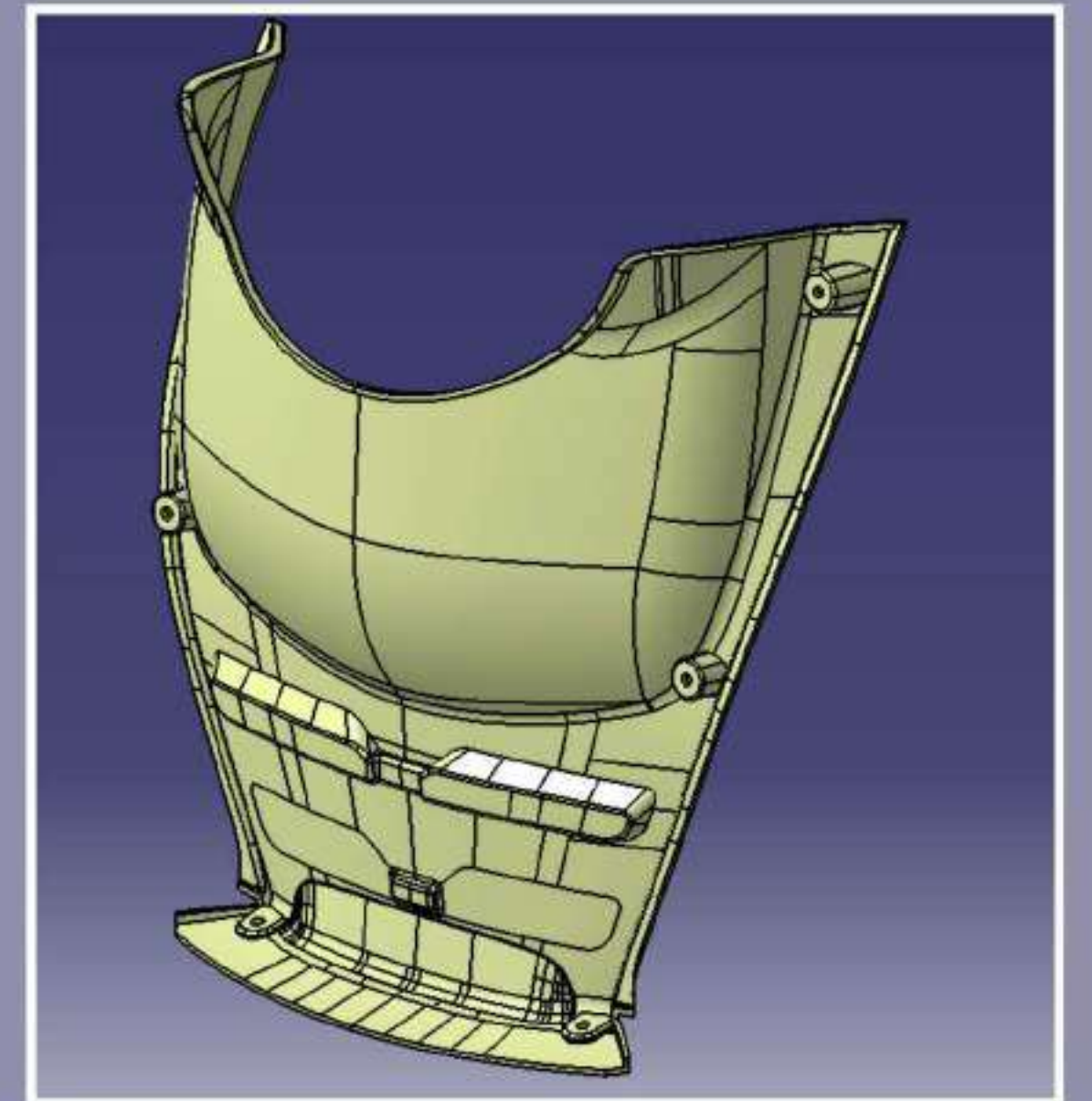
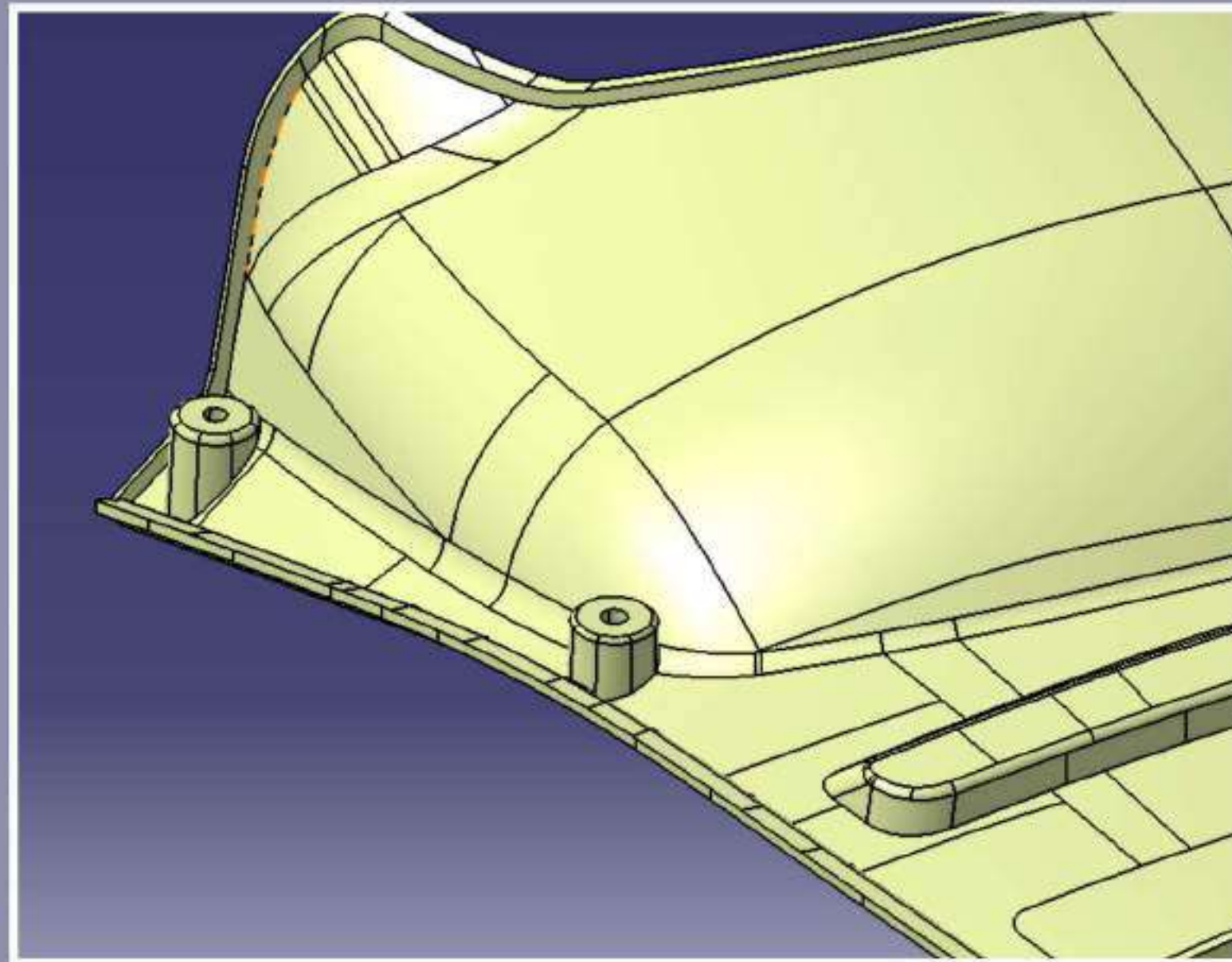
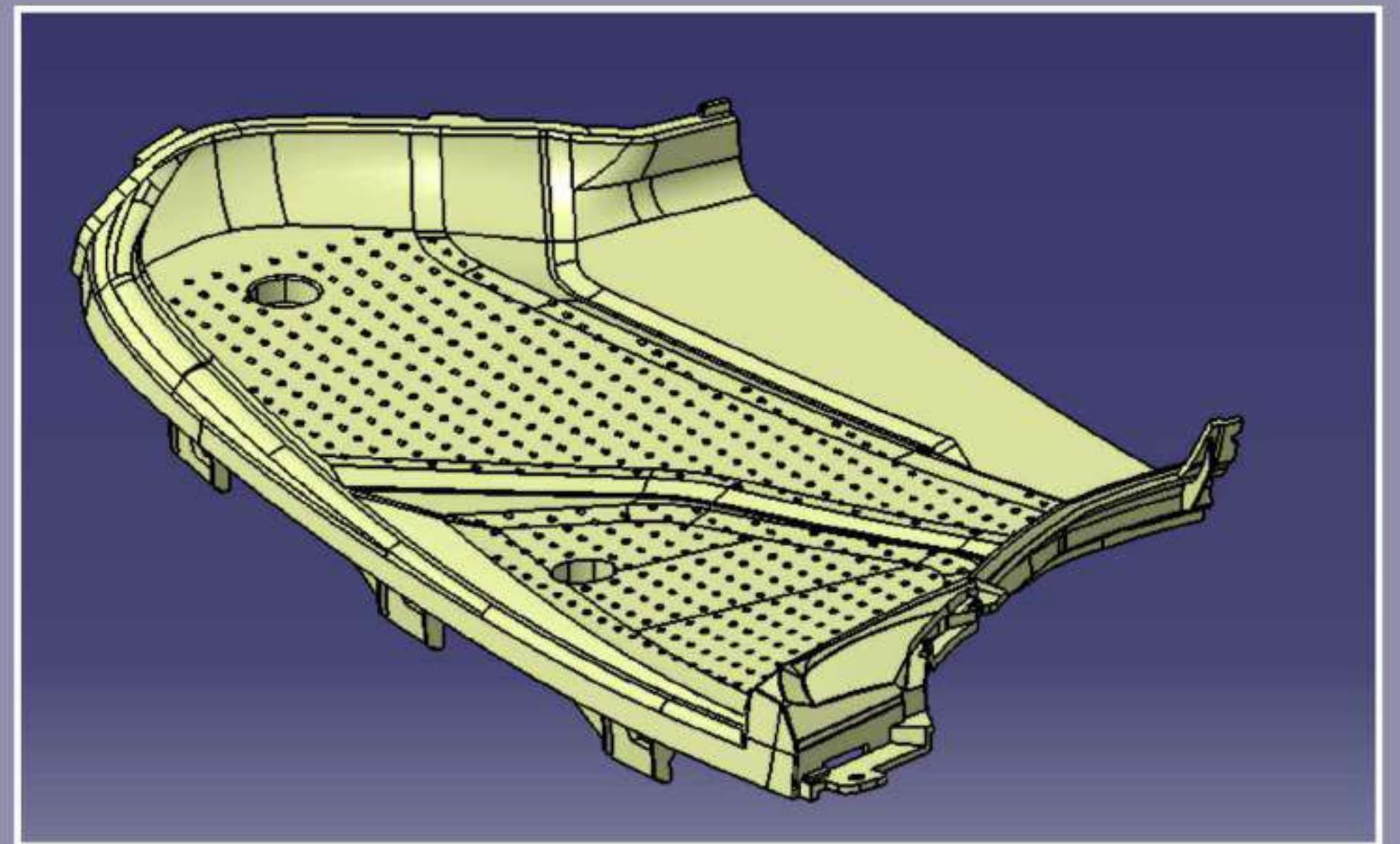
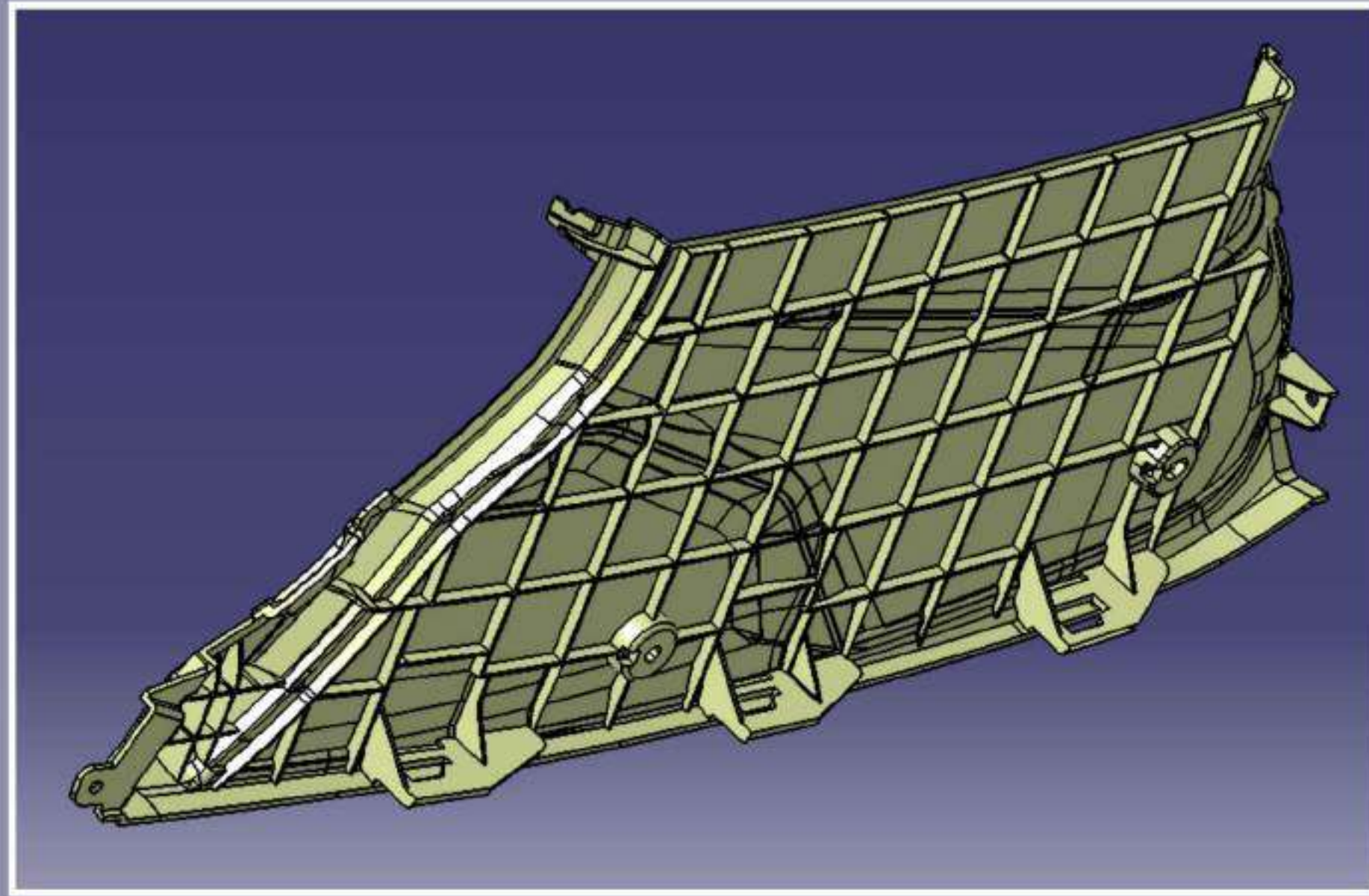
Metal Shader



Zebra Shader

ELECTRIC VEHICLE CHASSIS FRAMES

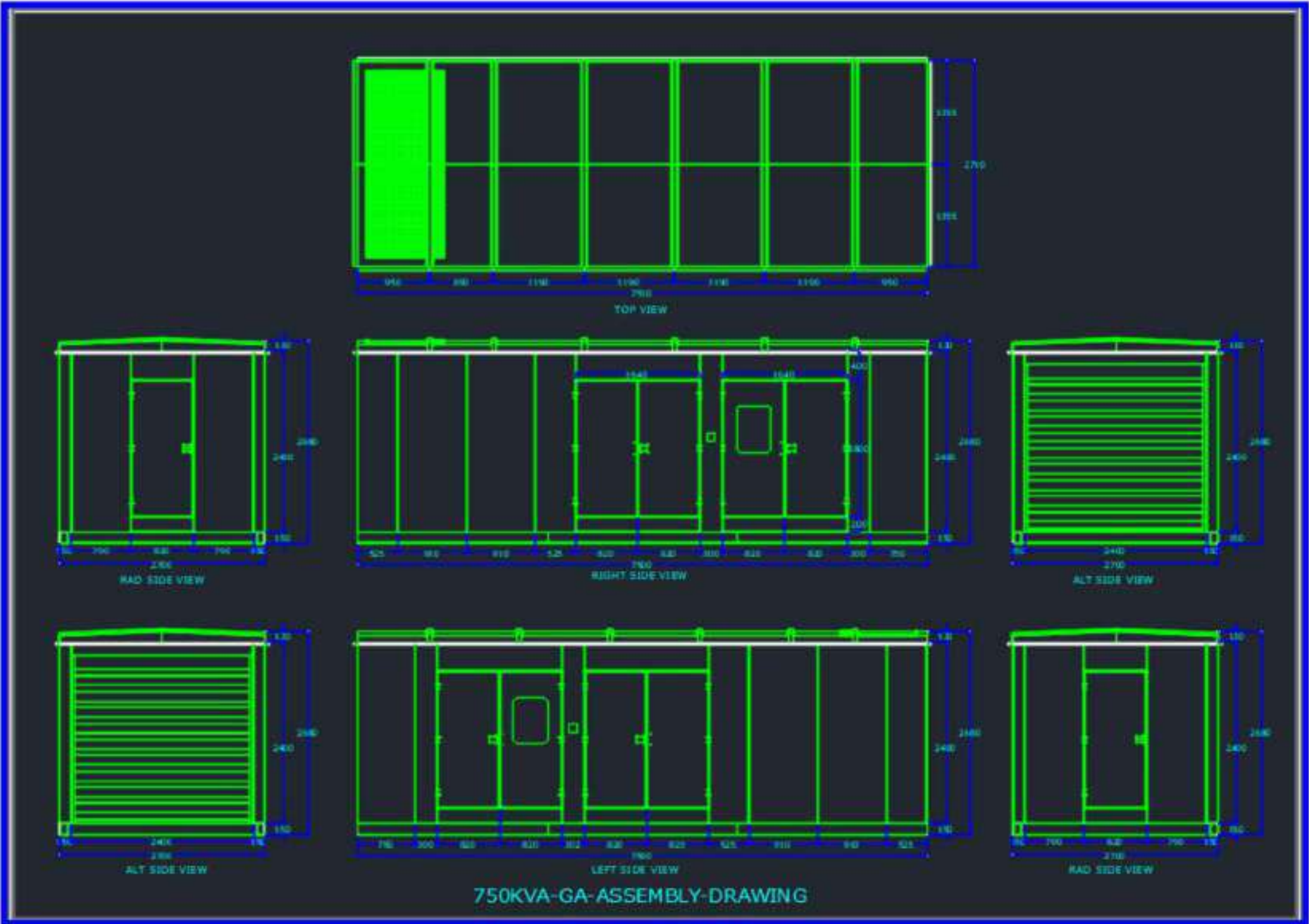
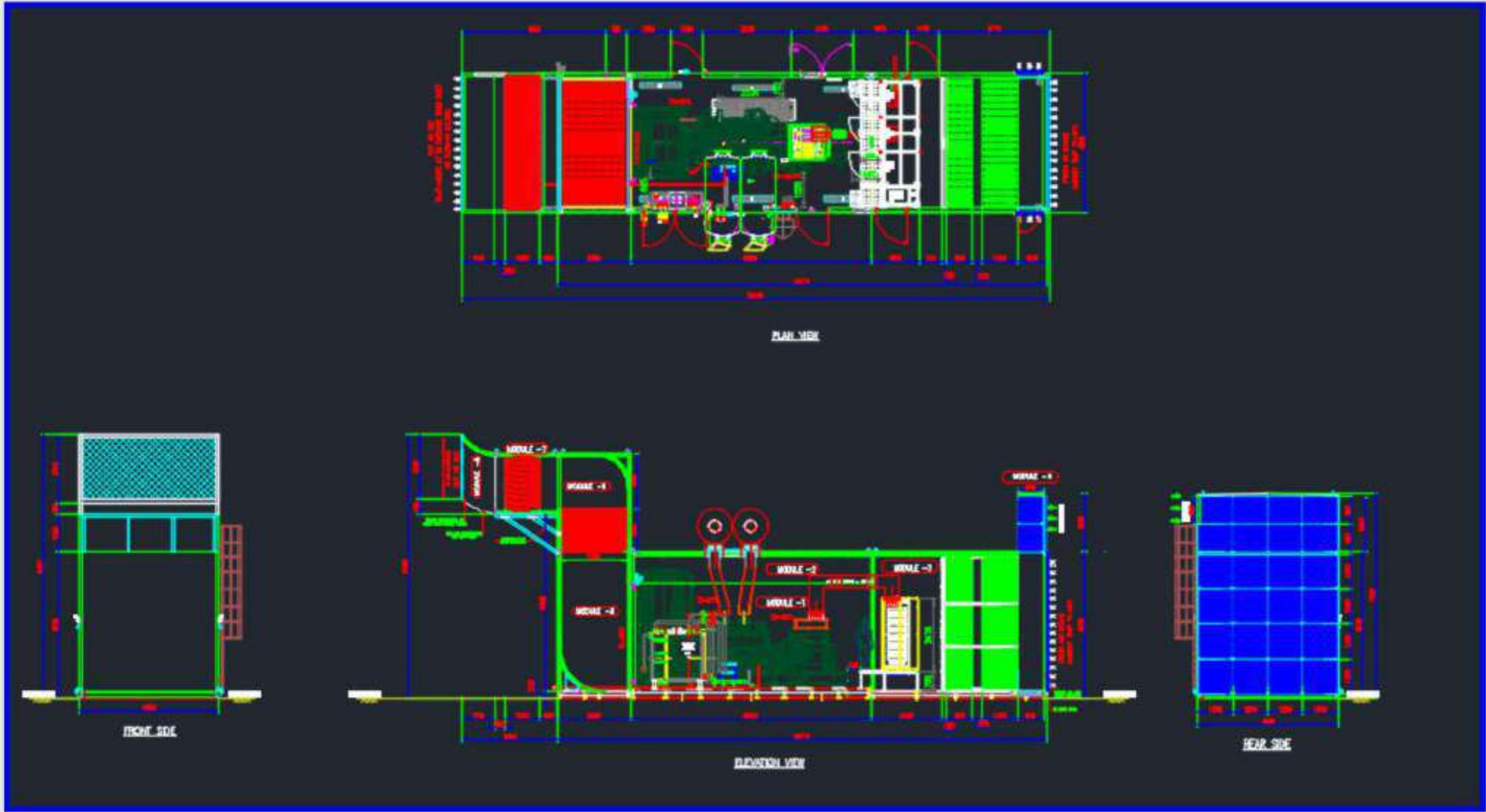




BODY PANELS
FLOORBOARD & FRONT WHEELWELL

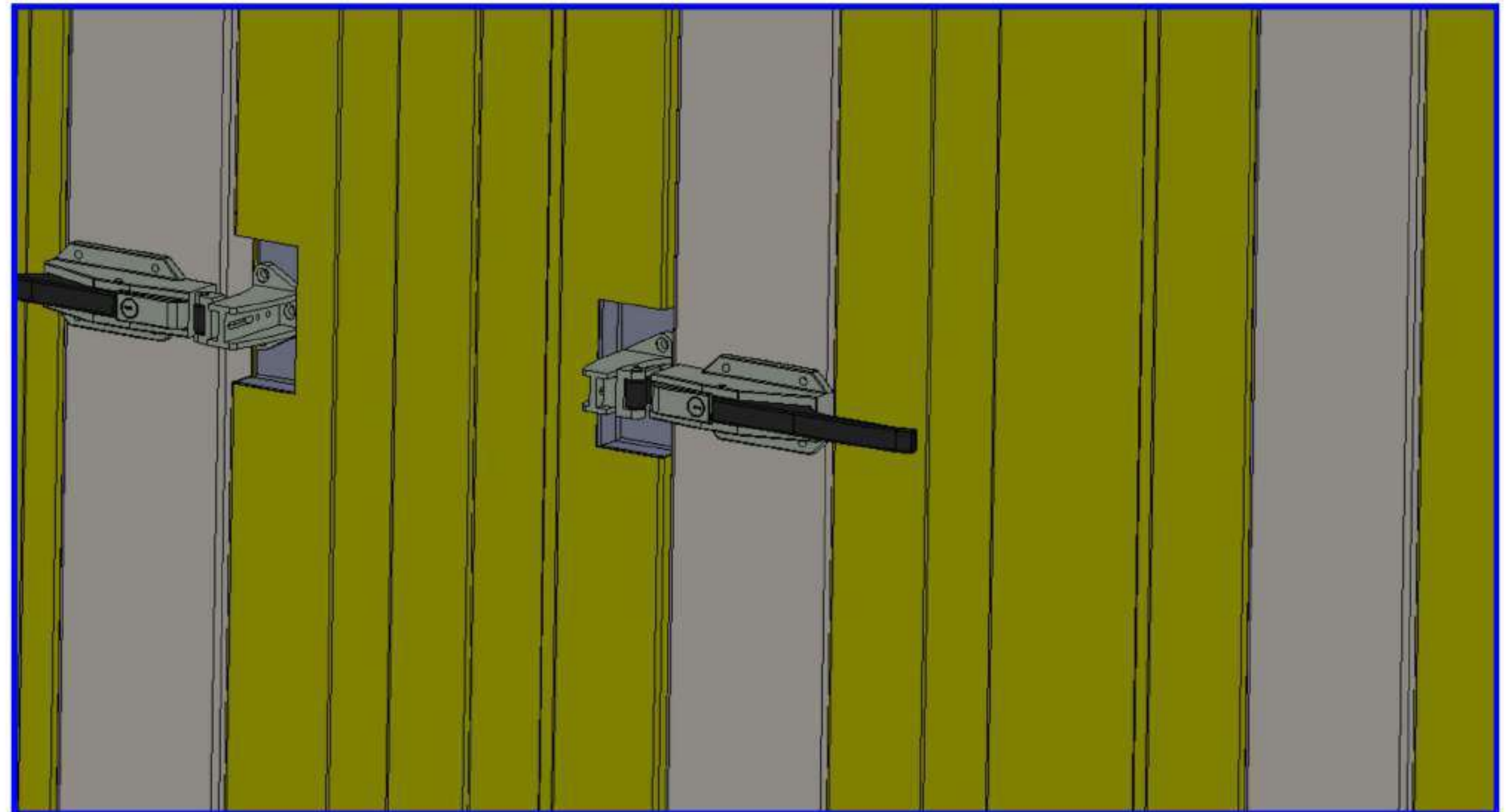
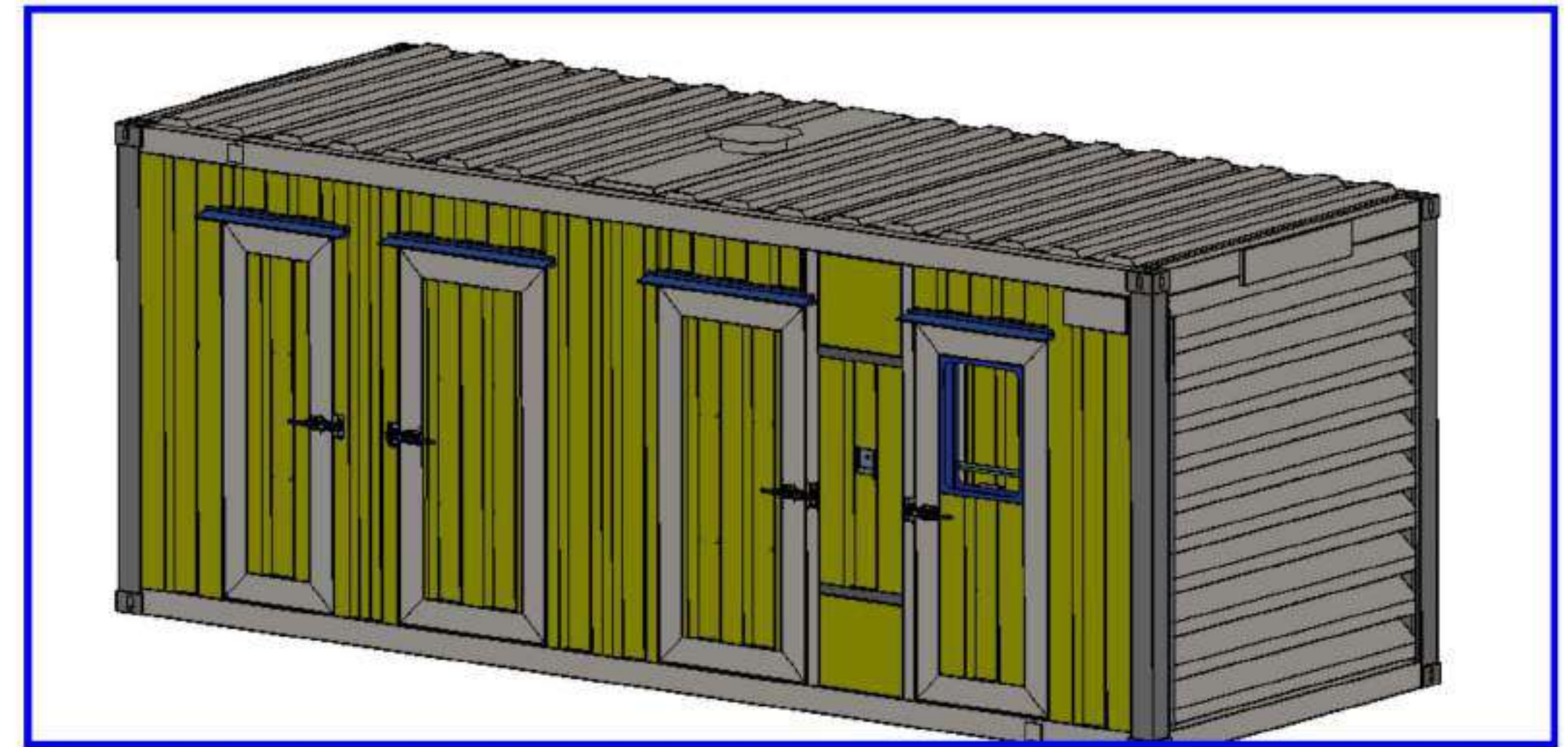
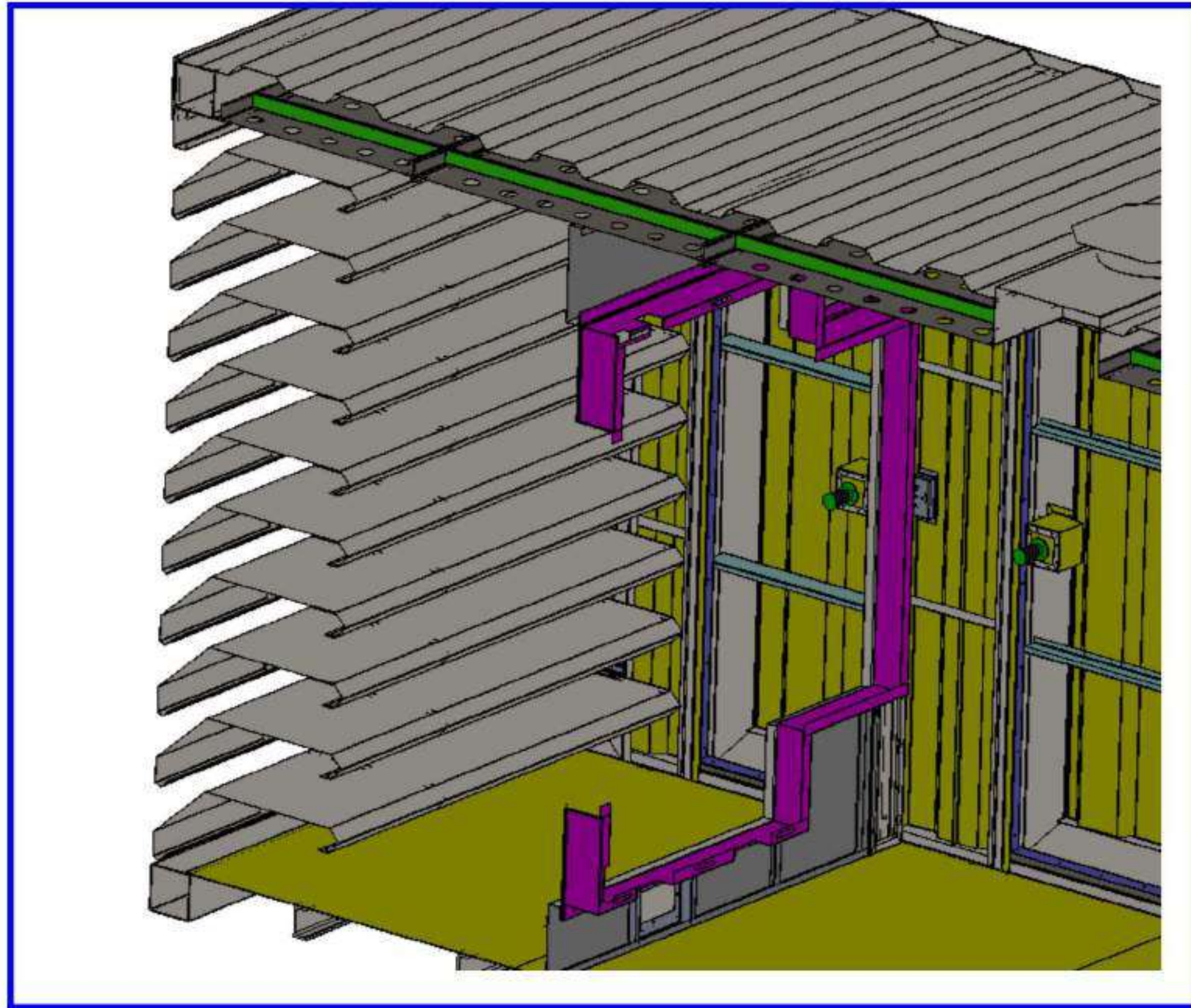
GENSET DESIGN

SHEETMETAL DESIGN

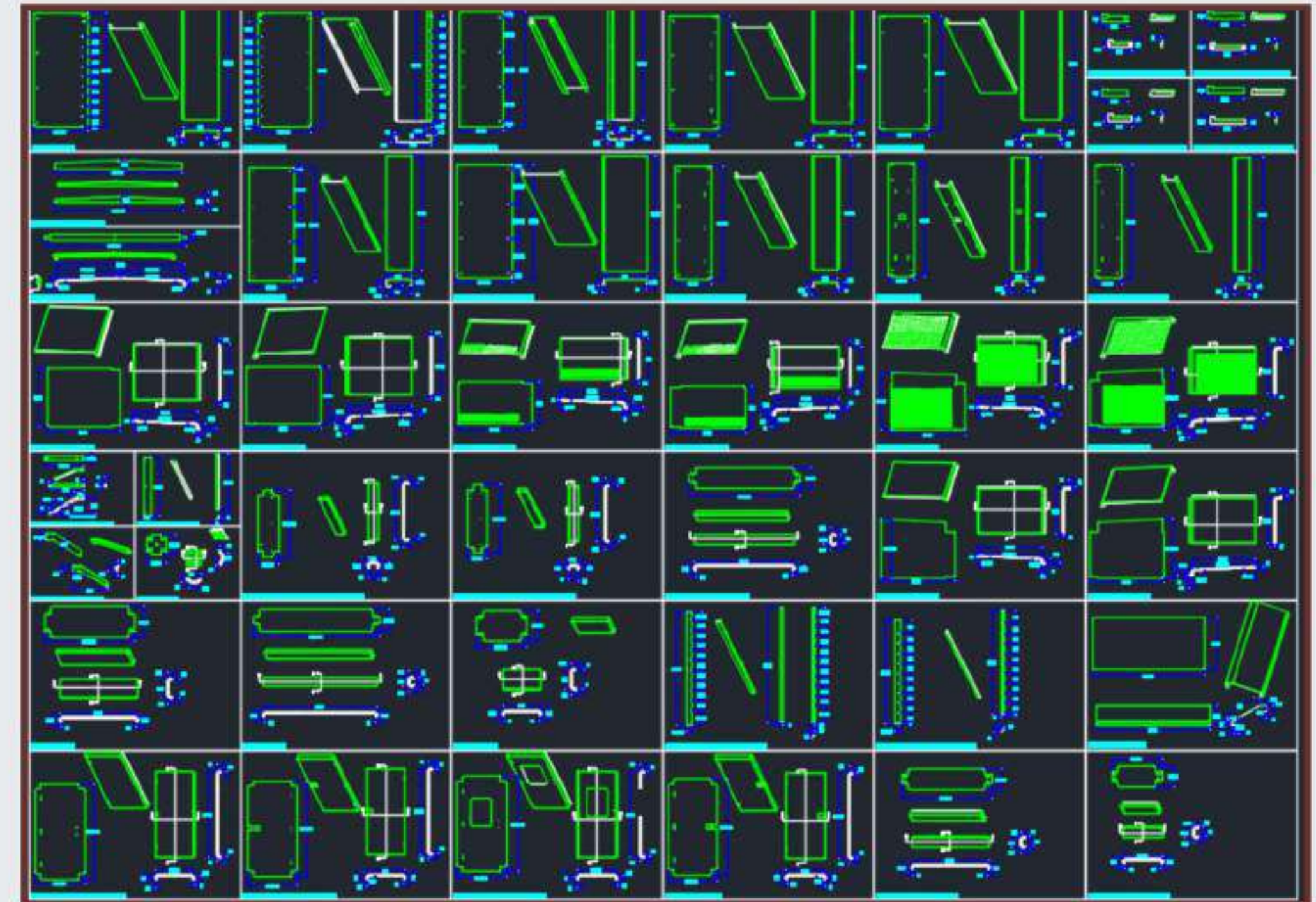
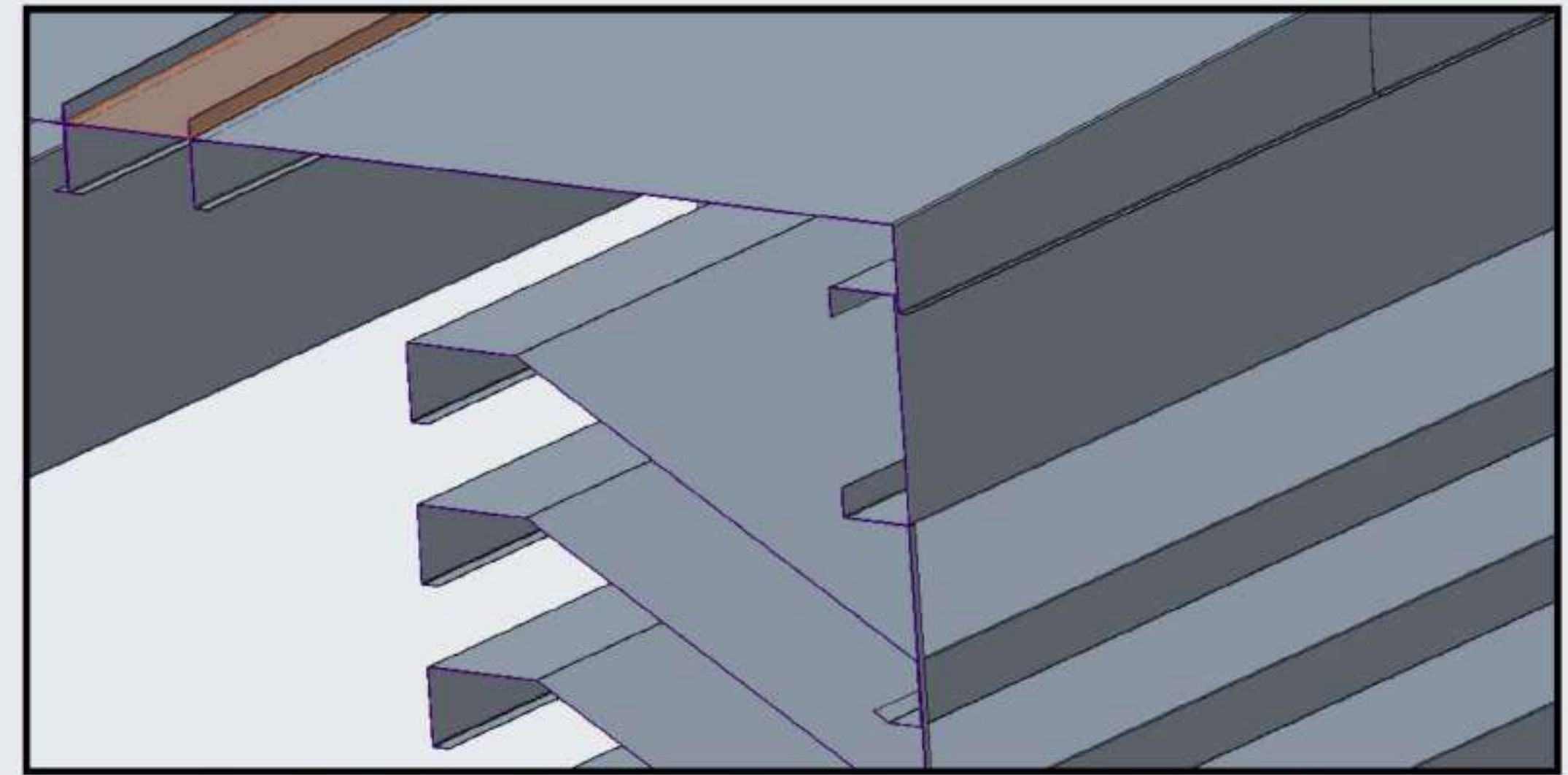
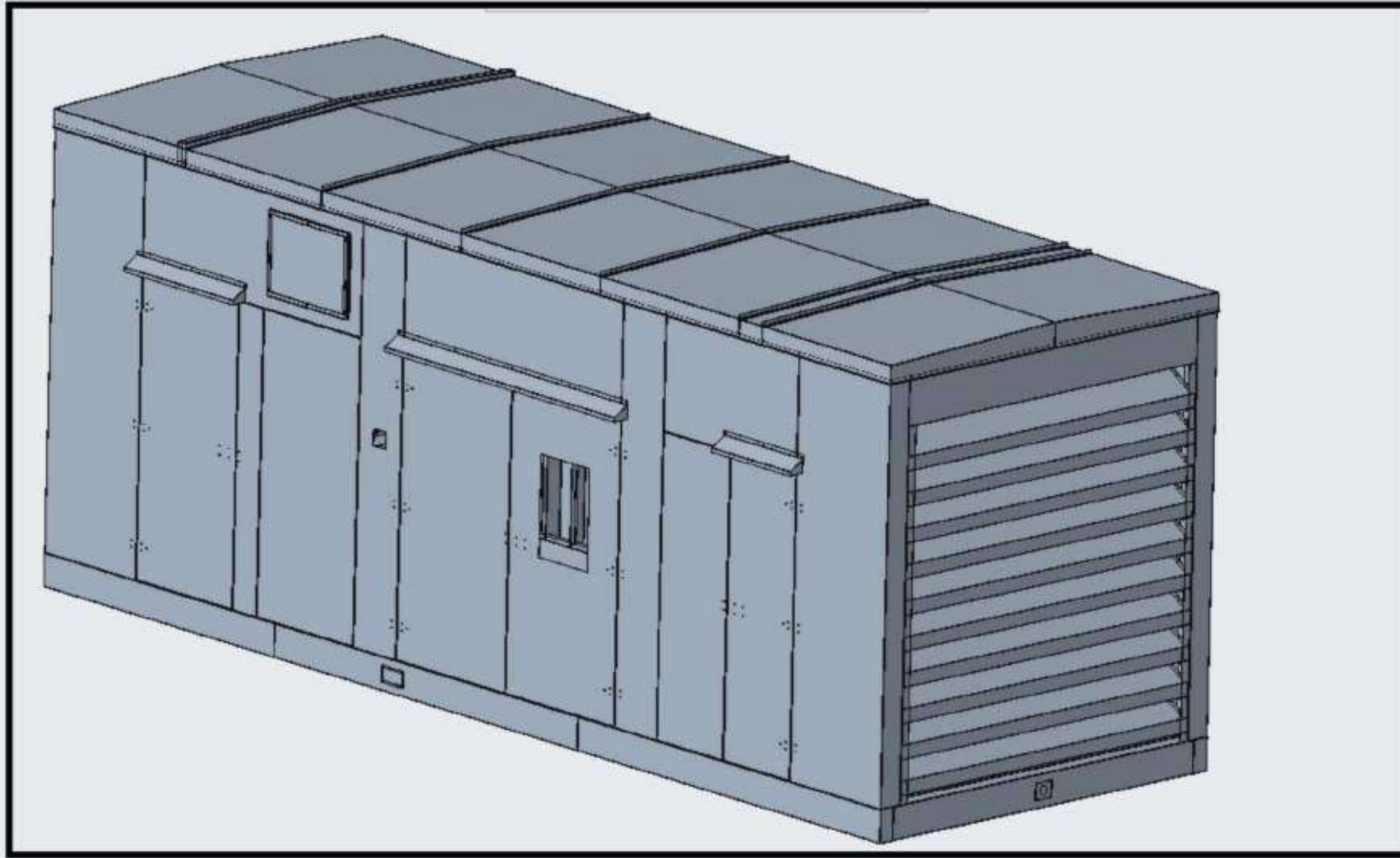


GA DRAWINGS

2D LAYOUT IN AUTOCAD



3D GENSET
SHEETMETAL(2MM) IN SOLIDWORKS



3D GENSET & NESTING DRAWING
SHEETMETAL DESIGN IN CREO & NX CAD