

Burak YÜZGÜÇ

INDUSTRIAL DESIGNER

PRODUCT DESIGN • MARINE MANUFACTURING
PARAMETRIC MODELING • 3D VISUALIZATION

2026 PORTFOLIO



Burak YÜZGÜÇ

Industrial Designer

Product Design • Marine Manufacturing • Parametric Modeling
• 3D Visualization

Multidisciplinary industrial designer specializing in parametric design and advanced production processes. Experienced in yacht manufacturing, composite production, digital modeling, visualization, and technical fabrication. Focused on bridging digital design with real-world manufacturing to create functional and forward-looking solutions.



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EDUCATION

- ✓ Yeditepe University Faculty of Architecture **2020 - 2025**
Bachelor's Program in Industrial Design
(English, Full Scholarship)
- ✓ Private Envar Science High School **2017 - 2019**
- ✓ Korkuteli Fatma Mehmet Cadil Science High School **2015 - 2017**

SKILLS

3D Modeling & Visualization

- Rhino 3D
- 3Ds Max
- SolidWorks
- Blender

Parametric & Advanced Surface Modeling

- Grasshopper
- SubD

Rendering & Visualization

- V-Ray
- KeyShot

CAD

- AutoCAD

Motion & Graphics

- Adobe Illustrator
- Adobe Photoshop
- Adobe After Effects

UI / UX Design

- Adobe XD
- Figma

Web Development

- HTML | CSS | JS
- TS | React | Tailwind

EXPERIENCE

Industrial Design Intern at Bering Yachts

- ✓ 24 June- 5 August 2024 Interior Factory (30 days)
- ✓ 12 August- 23 September 2024 Design Office (30 days)

- Worked across interior production, factory, and design office operations
- Assisted in 3D modeling, visualization, and technical detailing processes
- Participated in manufacturing coordination and design-to-production workflows

Industrial Designer at Badilli Yachts

- ✓ September 2025 - February 2026

- Contributed to hull design and composite boat production processes
- Worked with fiberglass, polyester, and carbon fiber manufacturing systems
- Supported mold preparation, prototyping, and production coordination workflows

LANGUAGE

Turkish: Native

English: Intermediate Level

OTHER EXPERIENCE



- Co-Founder of Grainz blockchain agency **2021-Present**
Providing social media management, community building, and marketing strategies for crypto projects



- Co-Founder of Grainz Studio multidisciplinary design studio **2024-Present**
End-to-end design consultancy; from initial sketching and prototyping to final product delivery.

REFERENCES

Bilge Emre Yakici-Technical Department Manager at Alia Yachts
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Bora Sinanoğlu- Mimar Sinanoğlu Mobilya
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Transportation & Marine Design

Boat Design • Production Details • Technical Drawings • Marine Systems



RÁNOVA



Topic

The design of a 12-meter mono-hull passenger boat for VIP short-distance sea transport.

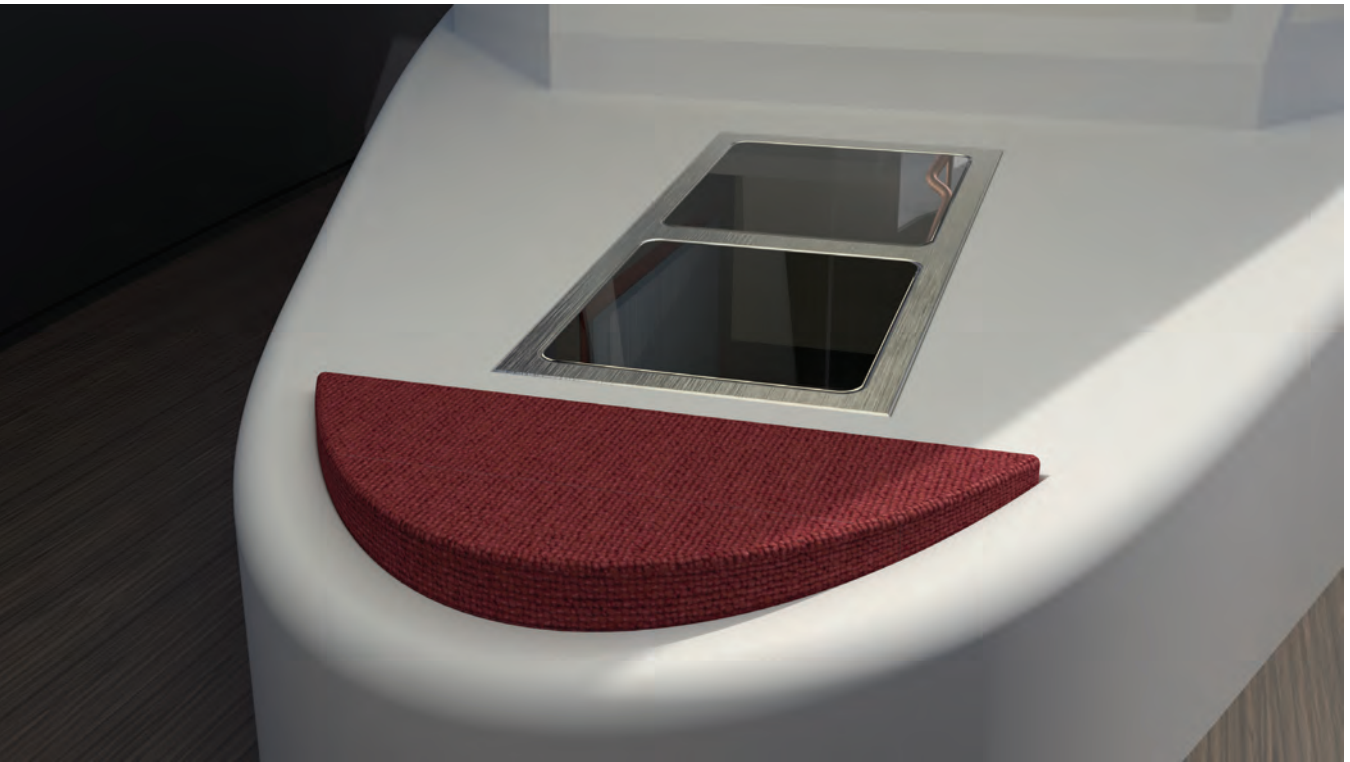
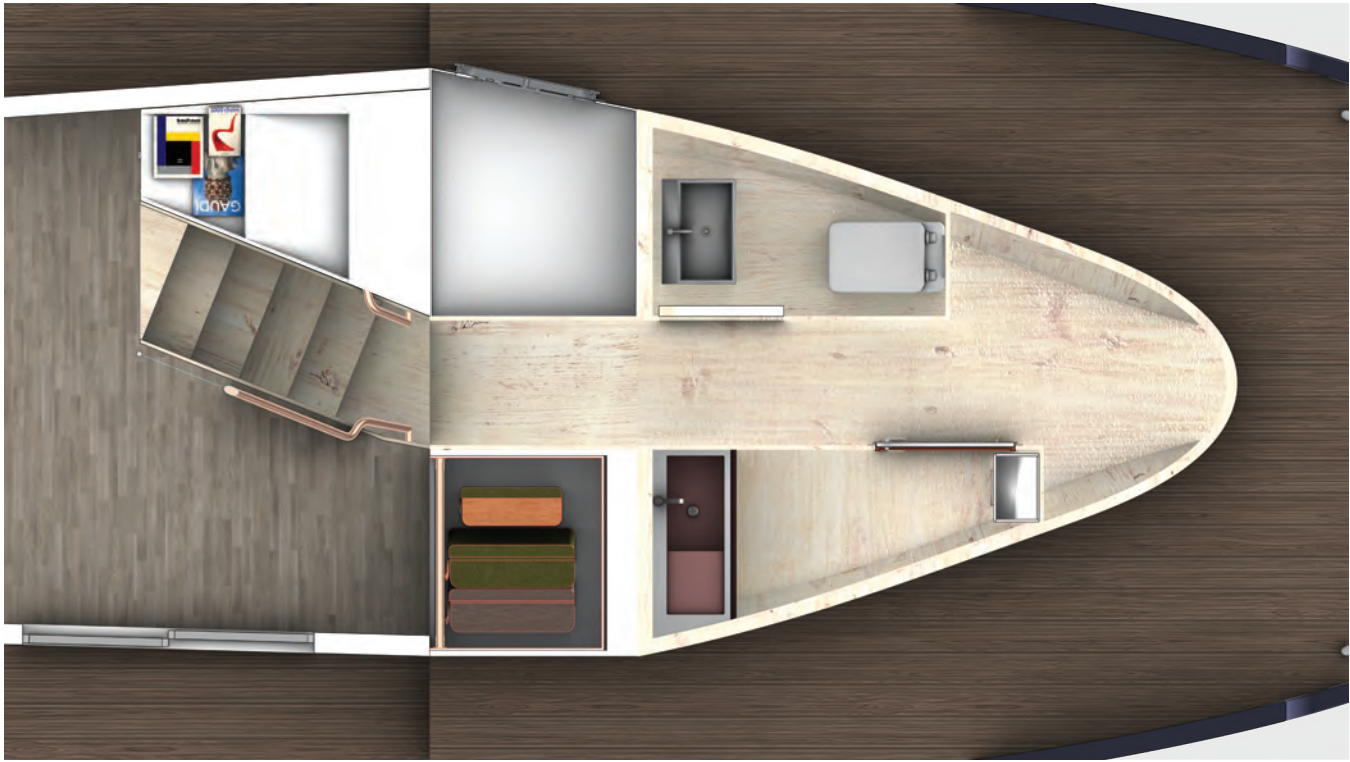
Purpose

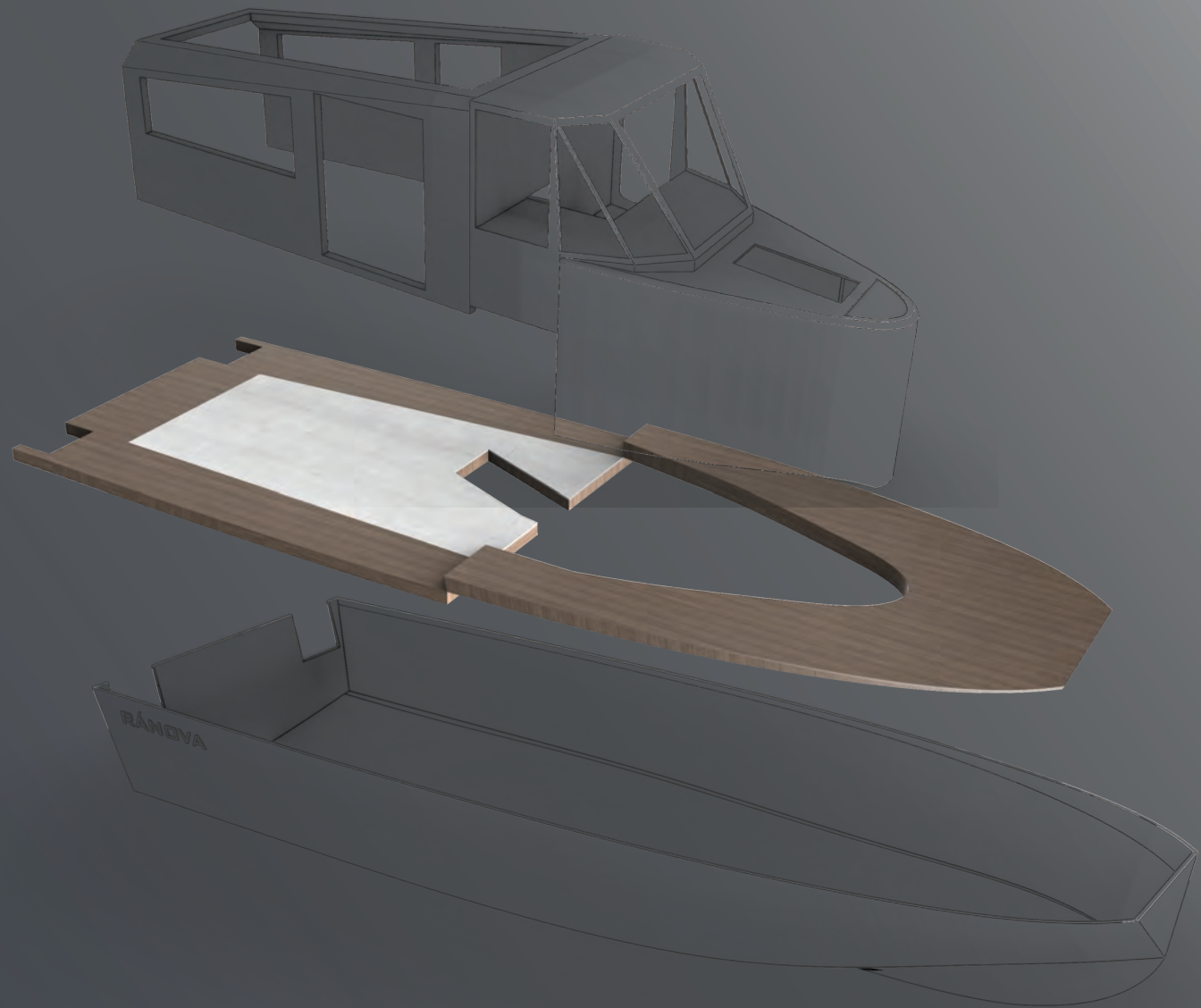
Aim is to develop a luxurious and functional vessel for city and airport transfers.

Scope

Designed for high-income individuals, business travelers, and VIP guests seeking fast, private, and comfortable marine transport.







MATERIALS & CONSTRUCTION METHODS

Hull

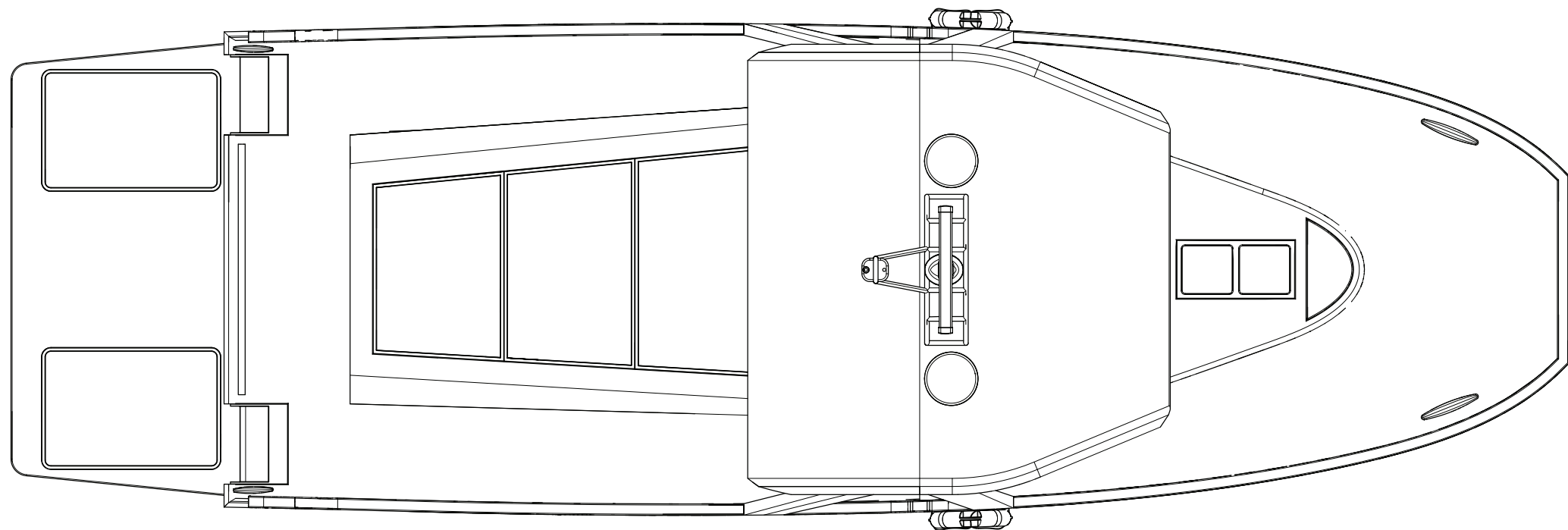
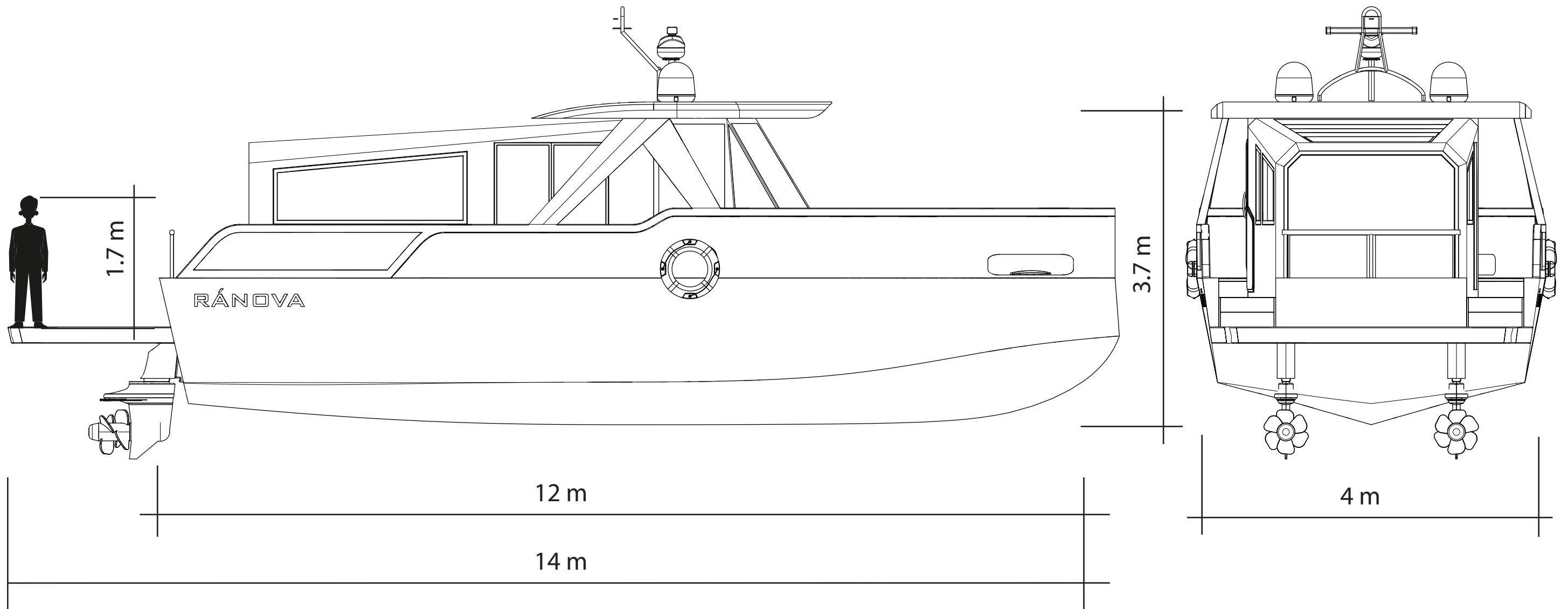
Material: GRP (Glass Reinforced Plastic)
Structure: PVC foam core sandwich
Production: Vacuum infusion
Properties: Lightweight, rigid, water and impact resistant

Superstructure

Material: Composite panels + aluminum frame
Structure: Modular shell with internal stiffeners
Production: Panel assembly + epoxy bonding
Properties: Strong, light, clean form integration

Deck Flooring

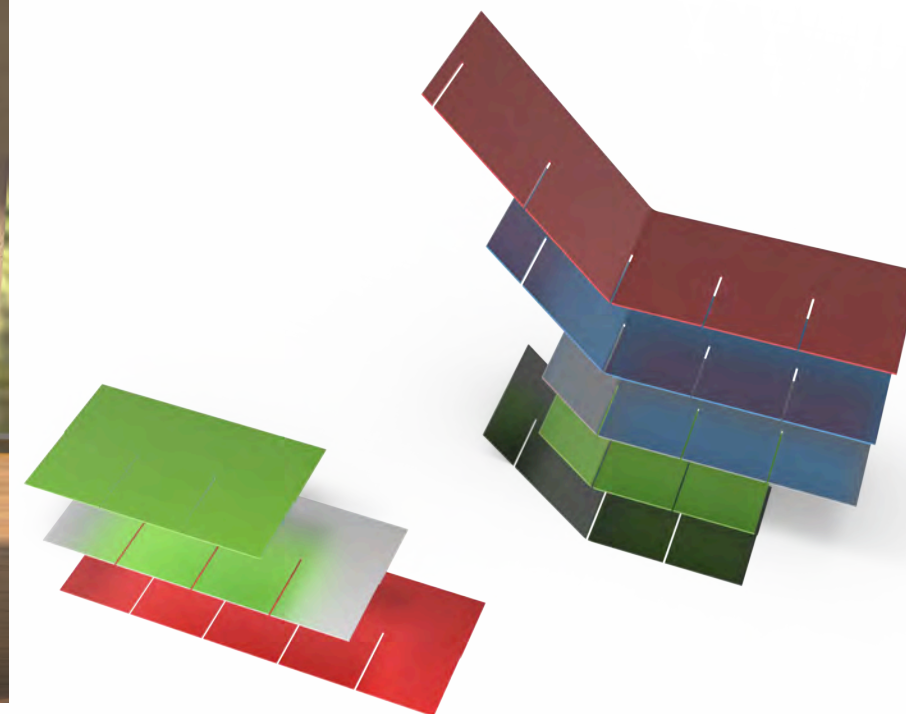
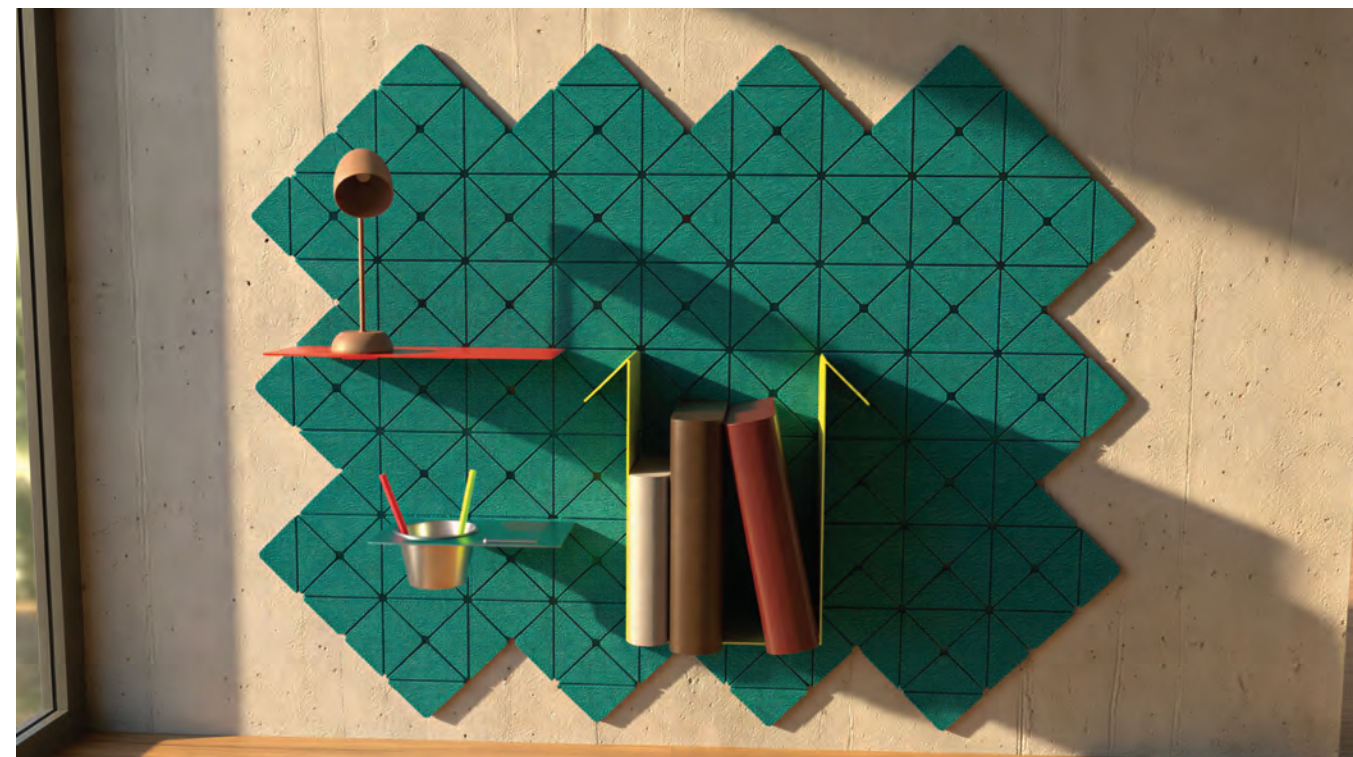
Material: Marine plywood + synthetic teak (PVC)
Structure: Panel + surface layer
Production: CNC cut + adhesive bonded
Properties: Non-slip, UV-resistant, low maintenance





Living Spaces & Systems

Compact Furniture • Storage Systems • Interior Products • Functional Details

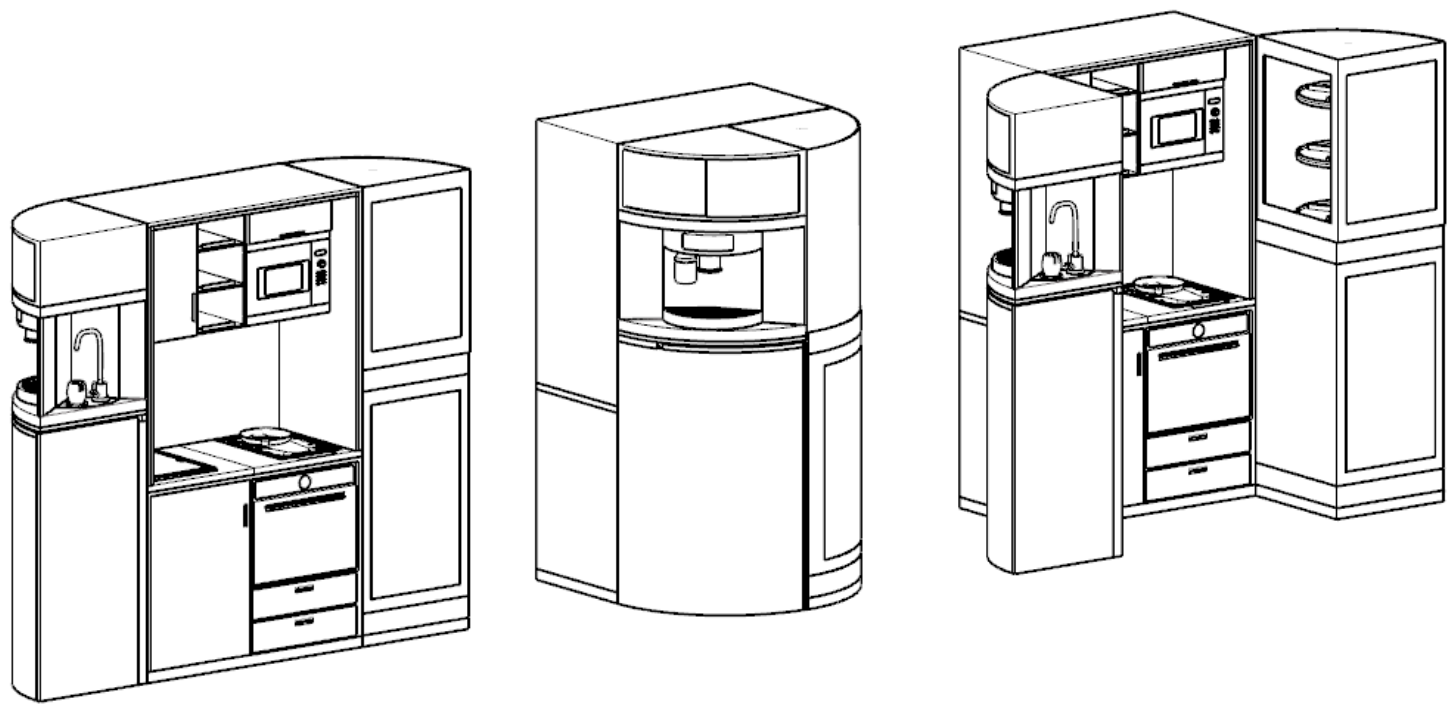


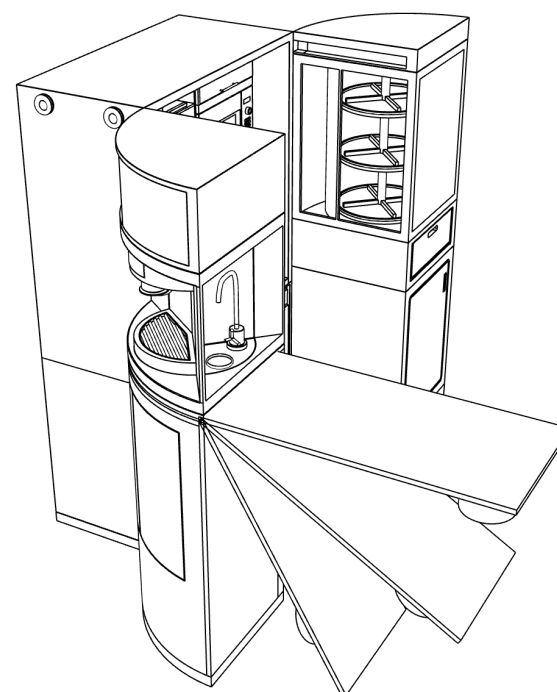
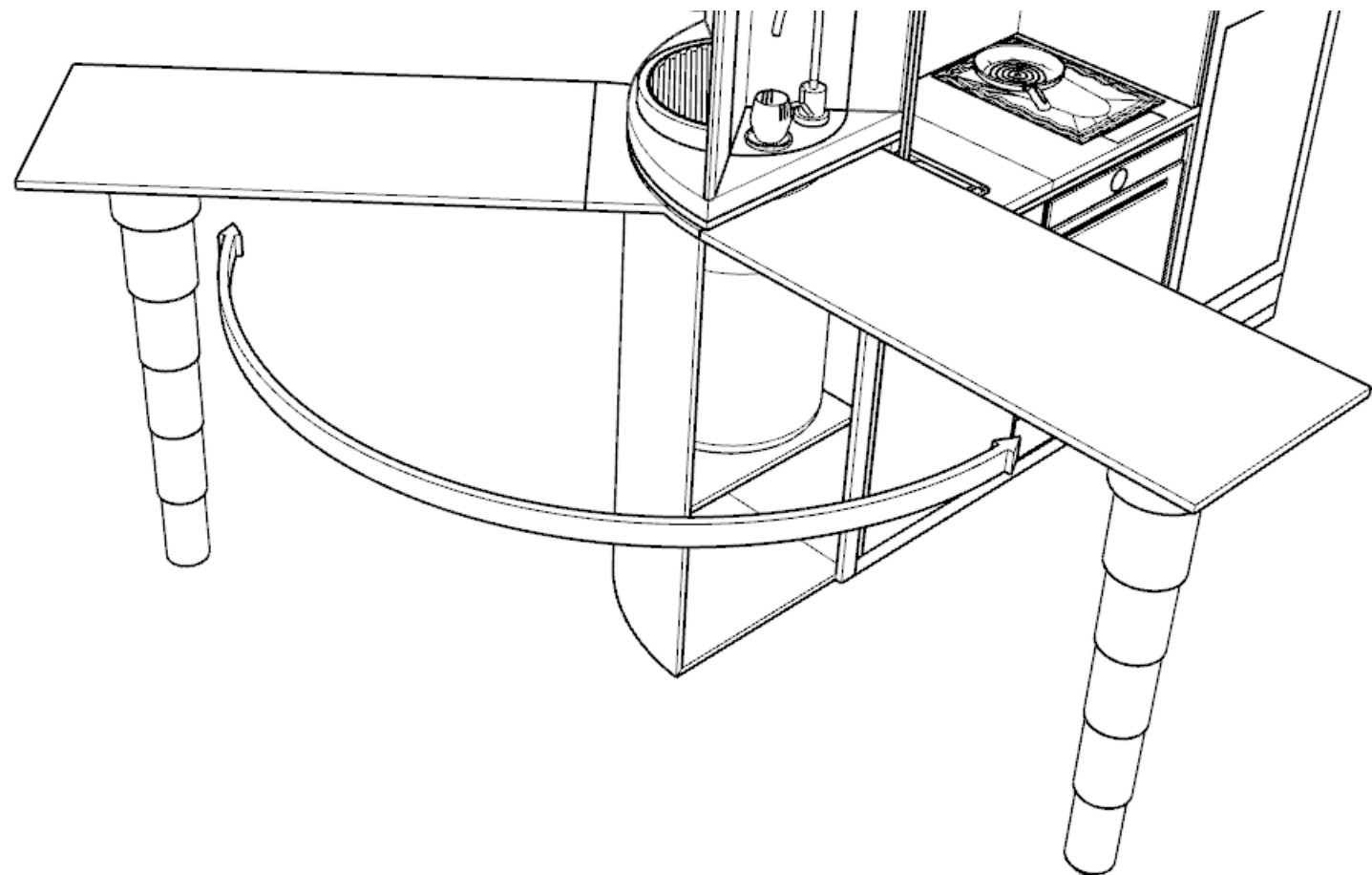
SUBJECT: Compact and Functional Kitchenette Design for Startup Offices

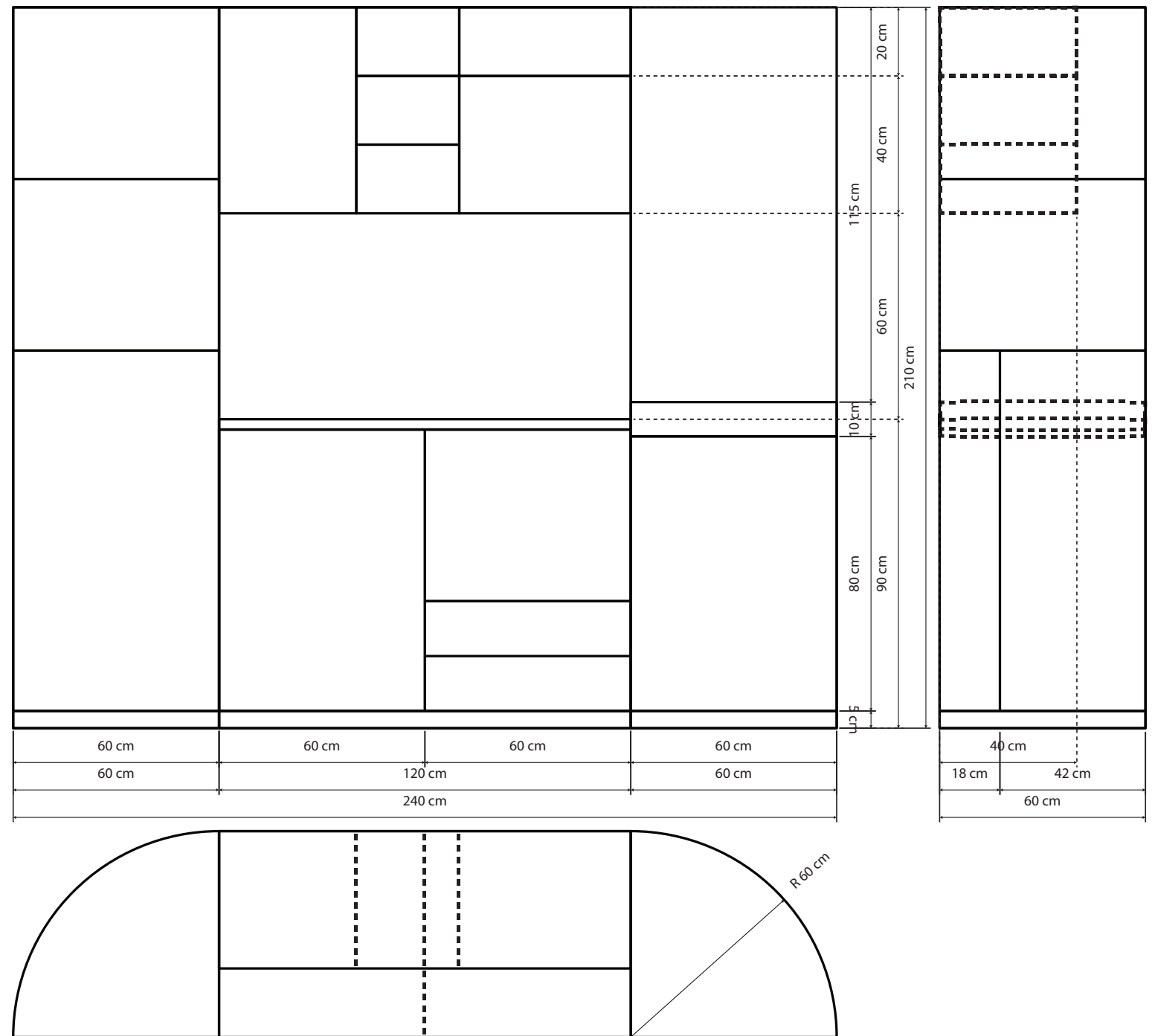
PURPOSE: To design a kitchenette that meets the basic kitchen needs of startup teams

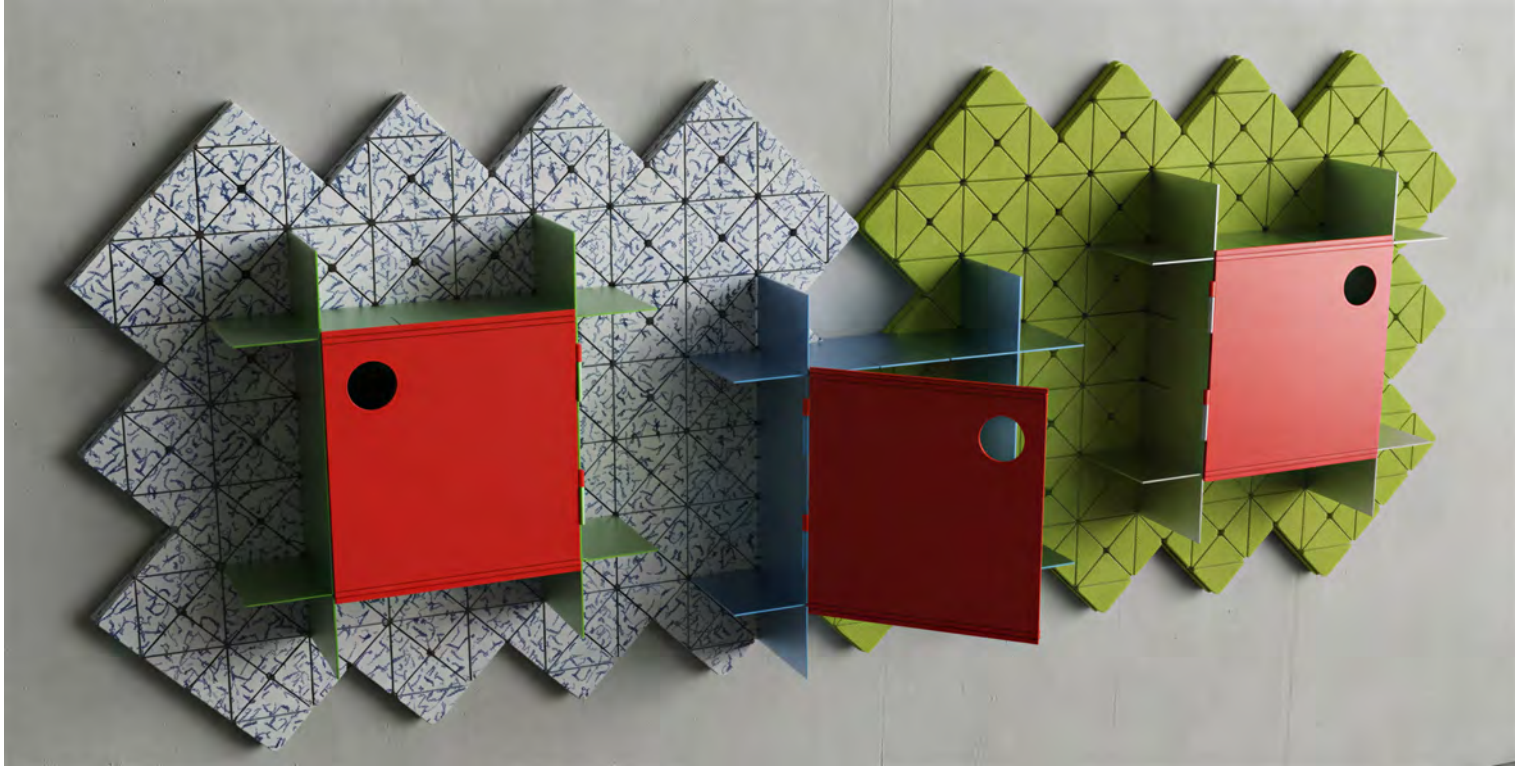
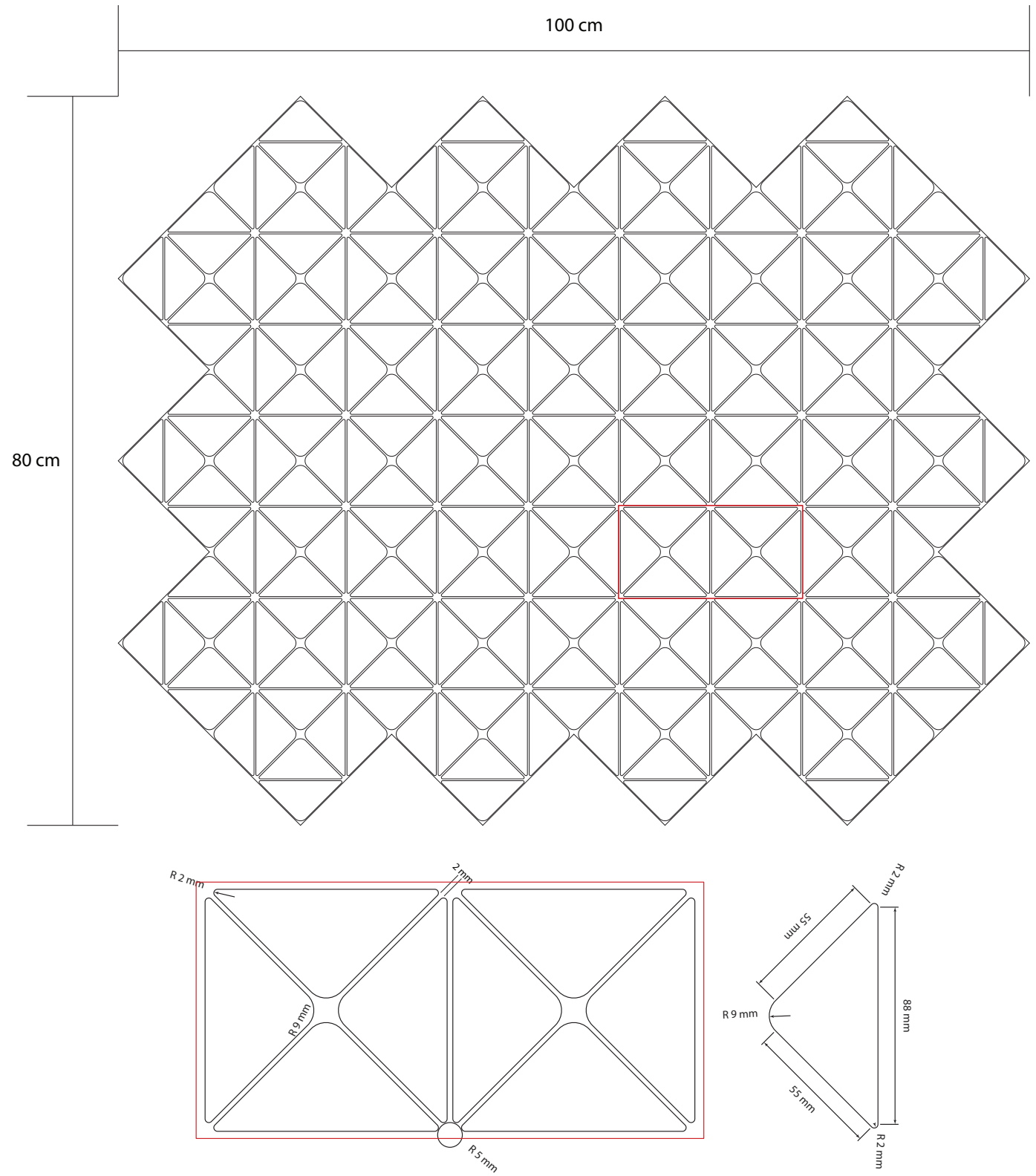
SCOPE: The project covers a compact kitchenette with basic appliances for startup teams, excluding professional equipment and dining areas.







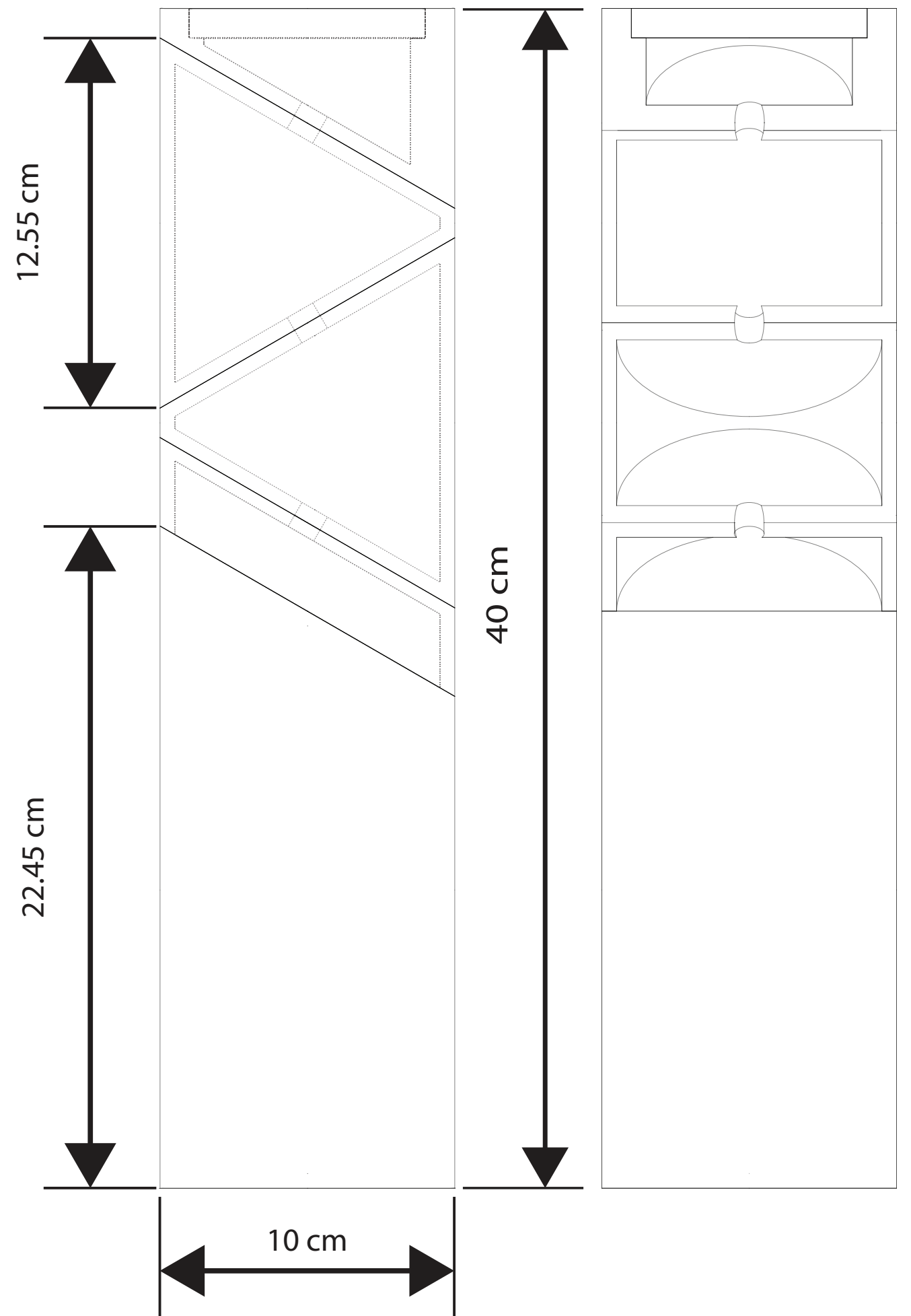
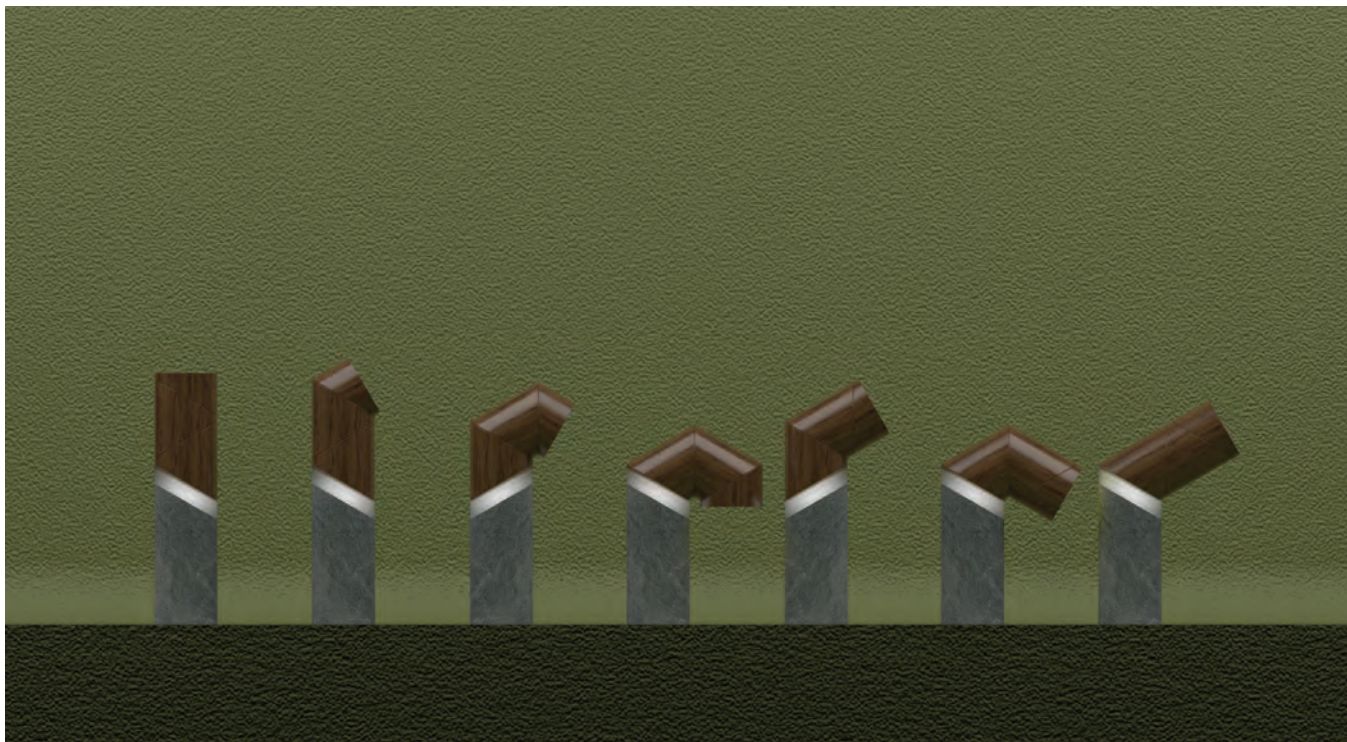




Object & Lighting Design

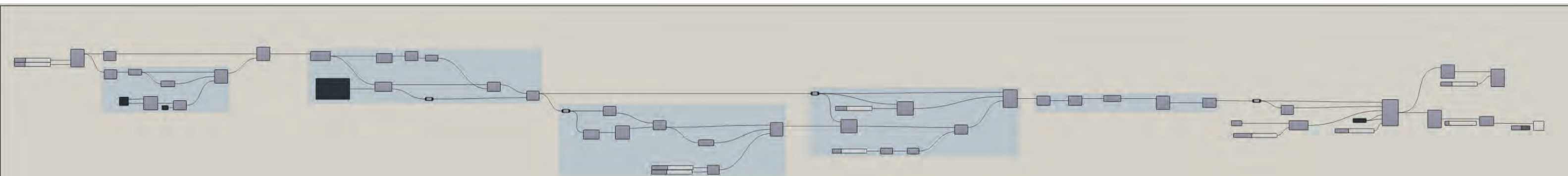
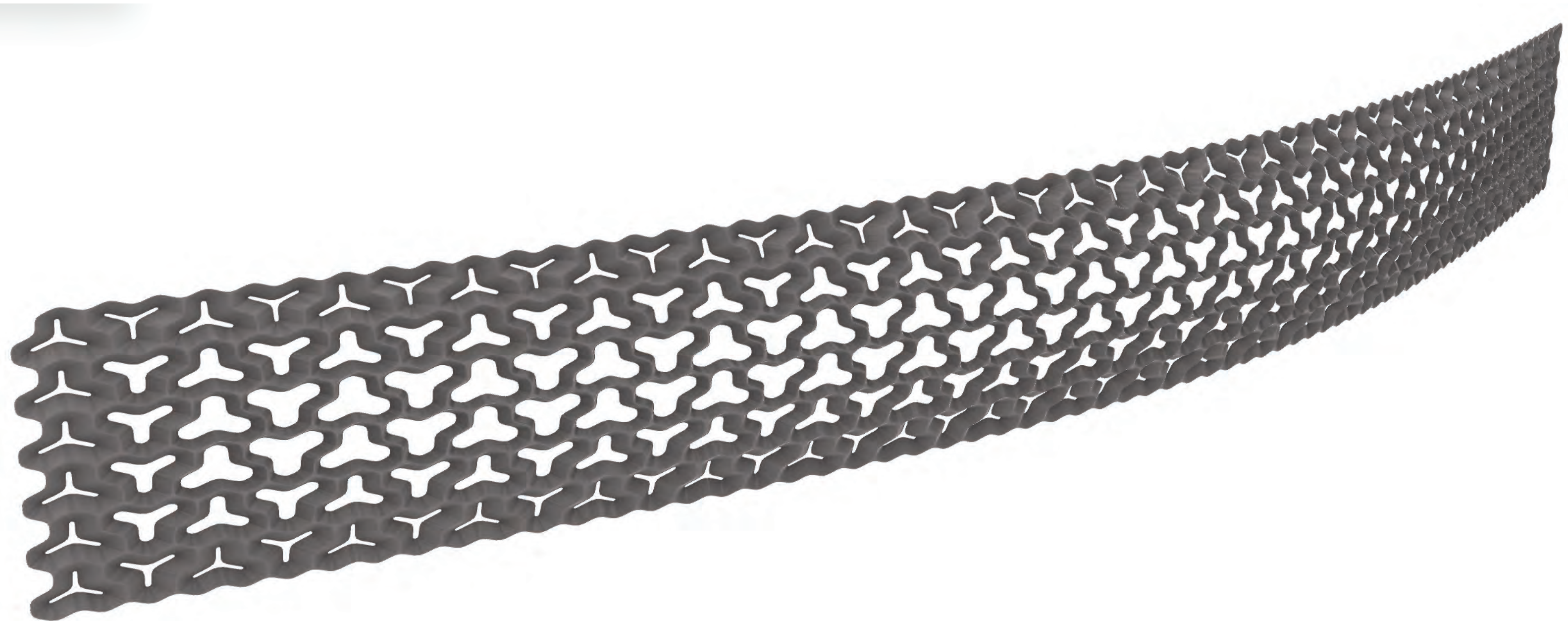
Lighting Design • Object Design • Form Studies • Material Expression

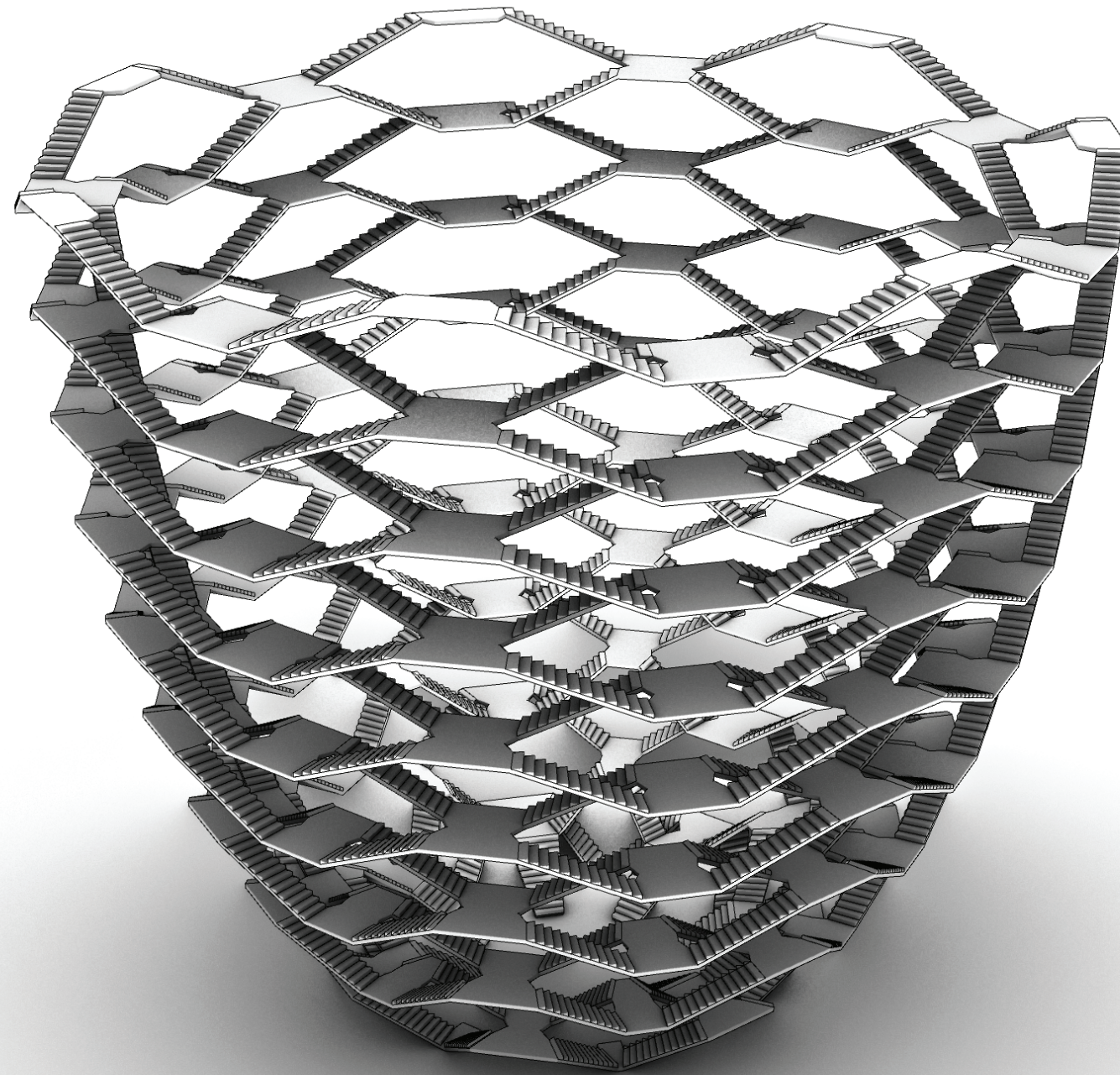


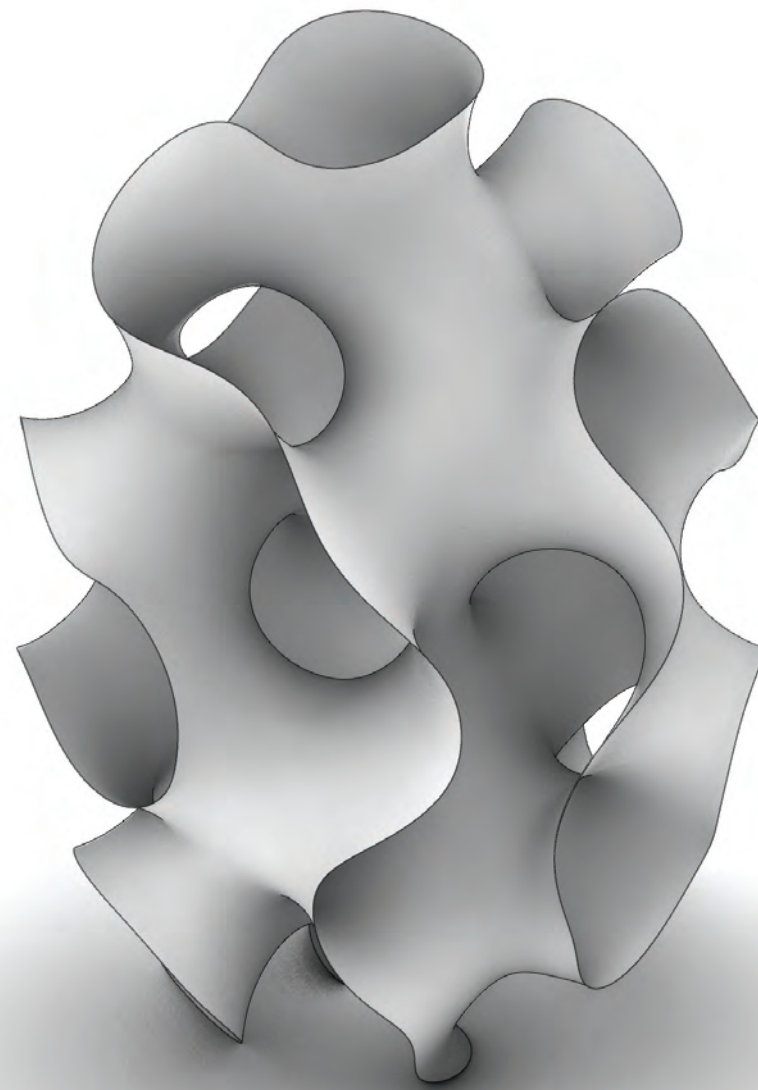


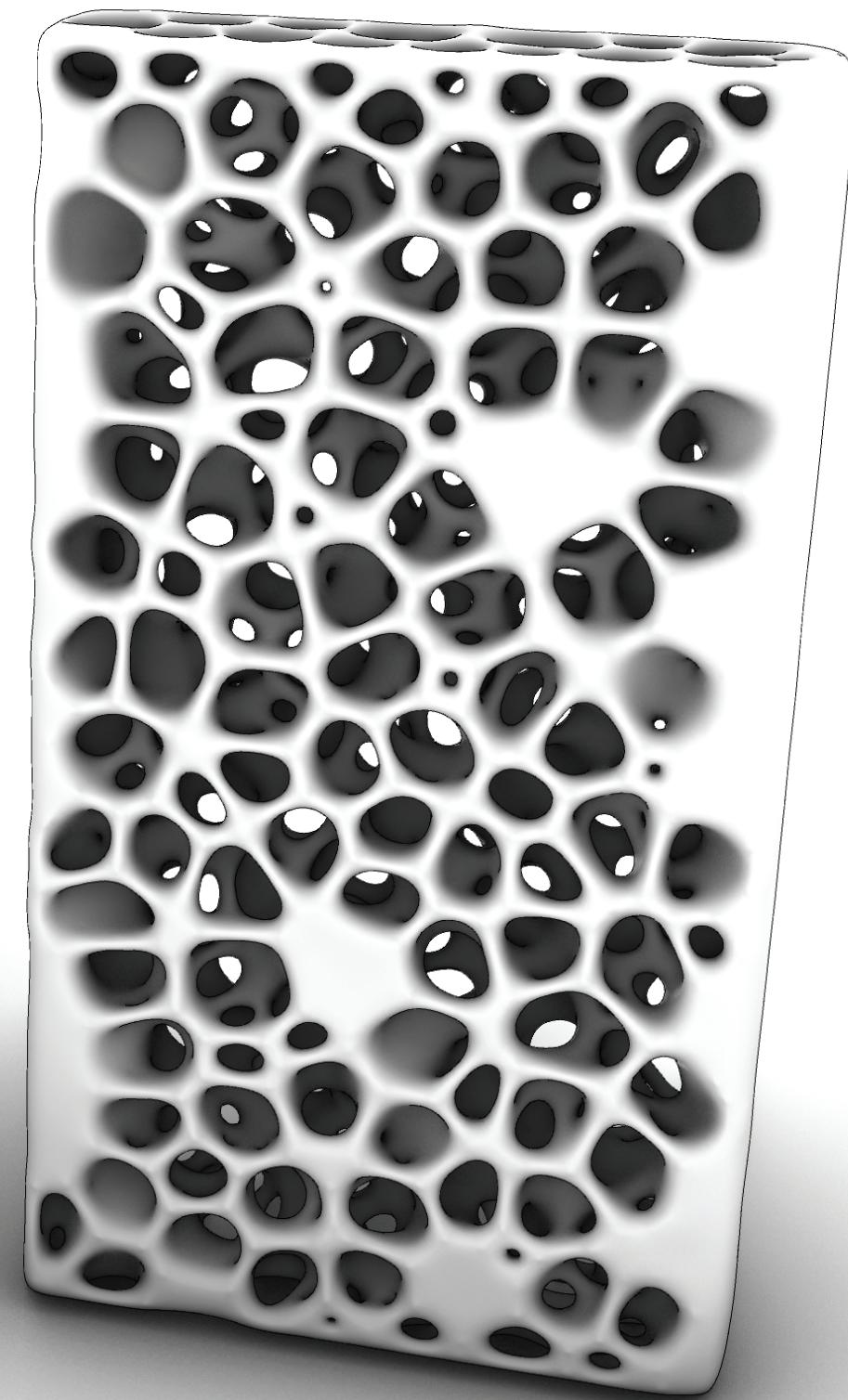
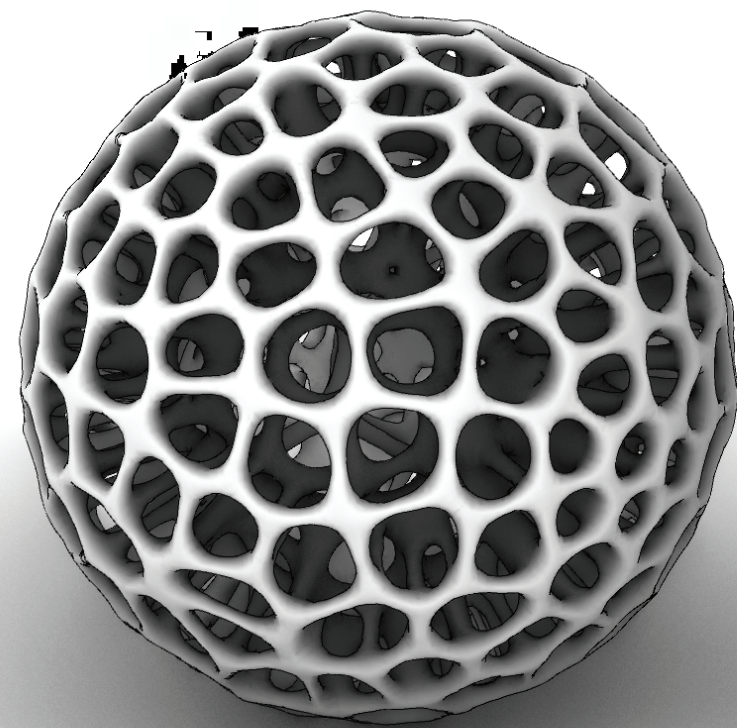
Computational Design

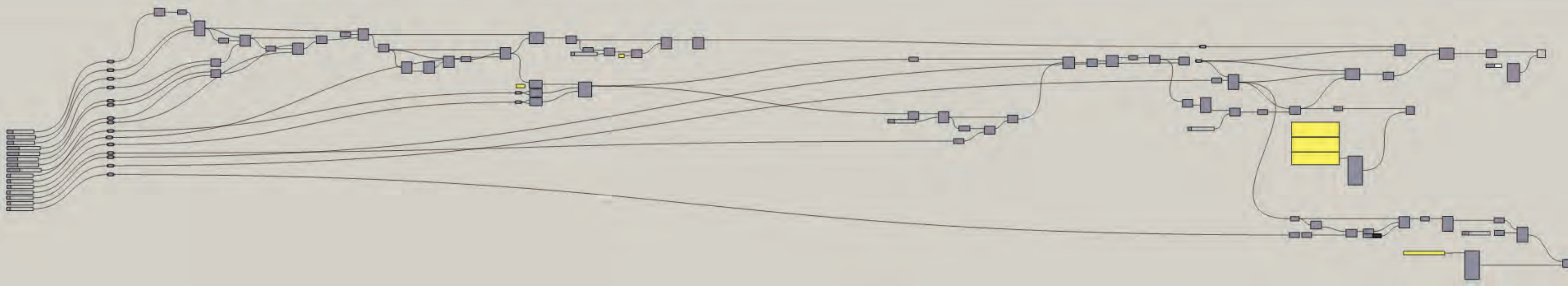
Parametric Modeling · Pattern Generation · Surface Systems · Algorithmic Design











Other Works

Concept Studies · Form Exploration · Product Ideas · Visual Experiments

Gothic Architecture, 2026



Drone Concept, 2023



Boat Vent Cover, 2026



StarWars Helmet, 2024



Vacuum Cleaner, 2024



Race Car, 2024



Hair Dryer, 2024



Chess Pieces, 2025



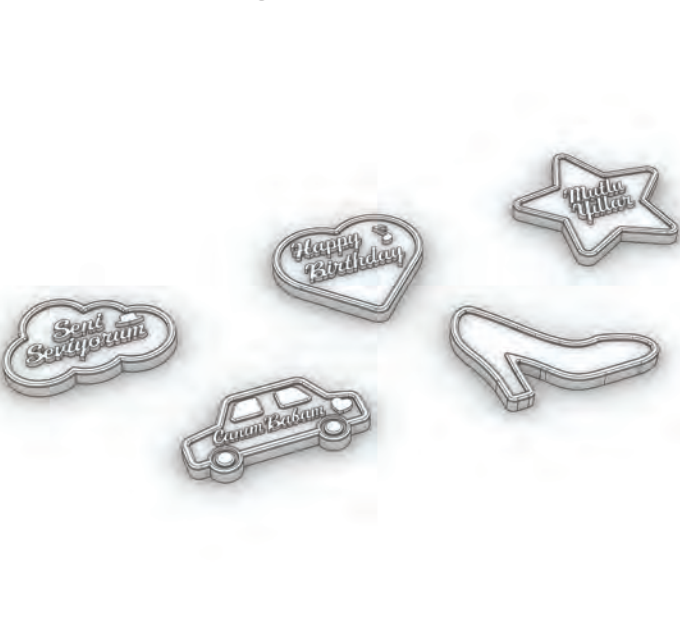
Gramophone, 2023



Medieval Tools, 2024



Candle Design, 2026



Chocolate Design, 2024

