

P5 Presentatie Peter Kaijser



Inhoudsopgave

- Introductie
- Gehele structuur
- Interne structuur
- Conclusie
- Probleemstelling
- Fascinatie
- Uitgangspunten

Inhoudsopgave

- Introductie
- Gehele structuur
- Interne structuur
- Conclusie
- Opbouw
- Transformatie
- Details

Inhoudsopgave

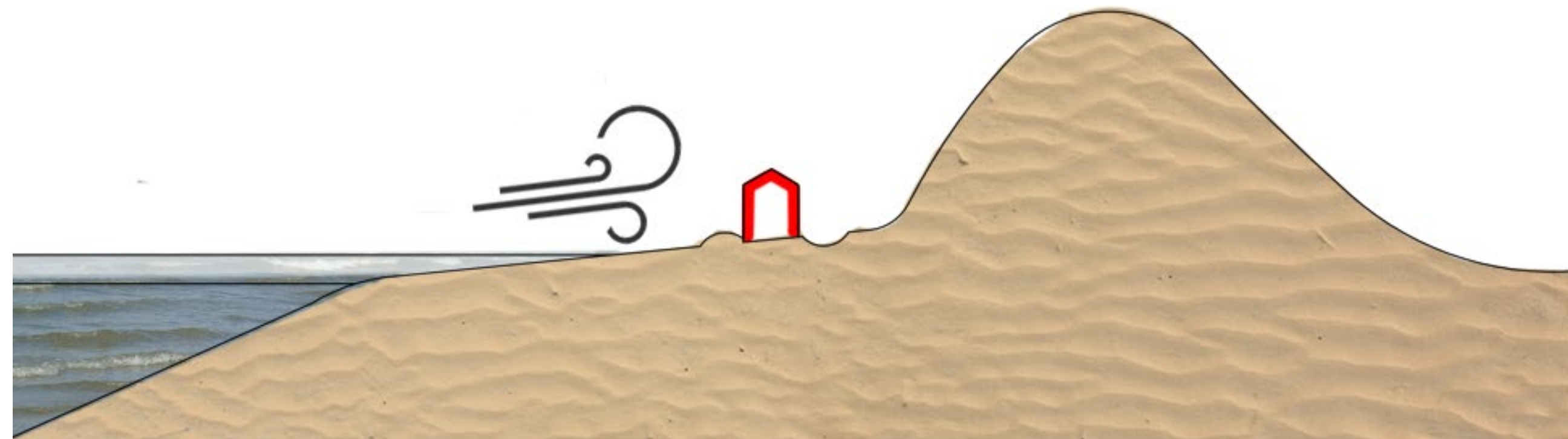
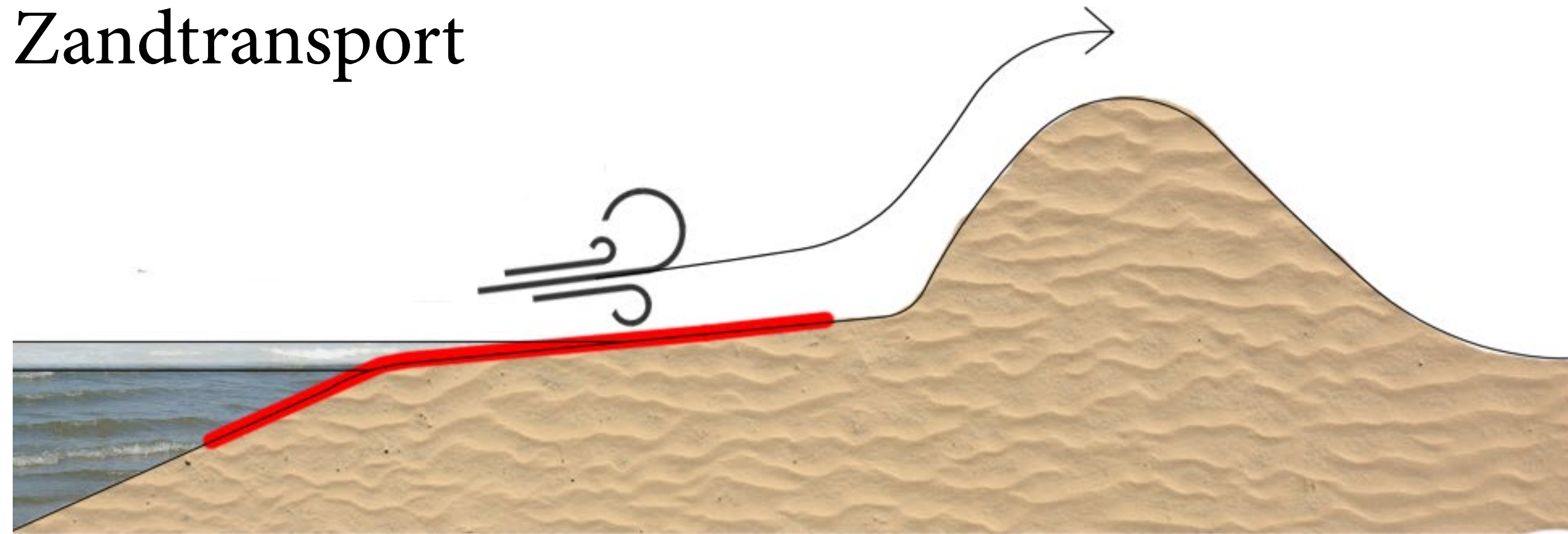
- Introductie
- Gehele structuur
- Interne structuur
- Conclusie
- Verschillende ruimtes
- Transformaties
- Details

Inhoudsopgave

- Introductie
- Gehele structuur
- Interne structuur
- Conclusie

Probleemstelling

Zandtransport

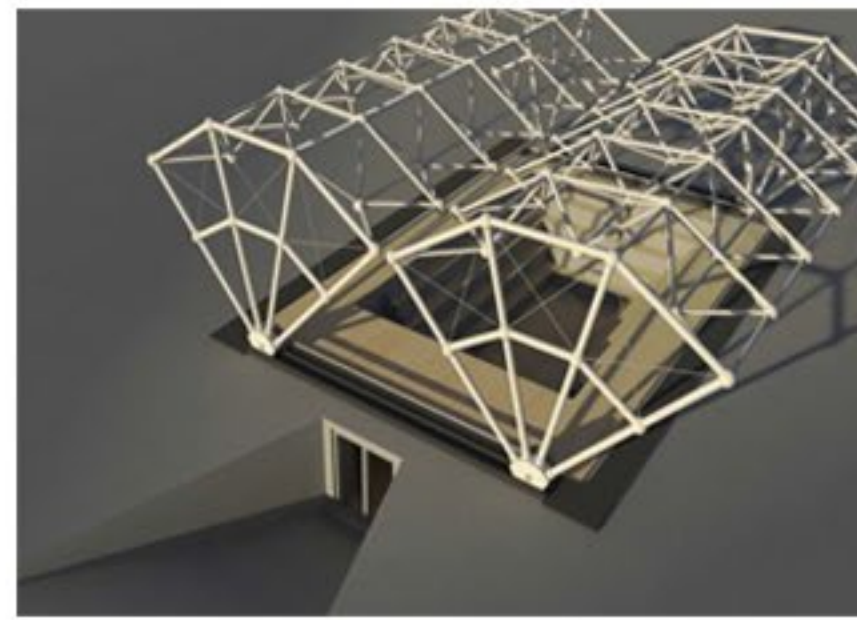
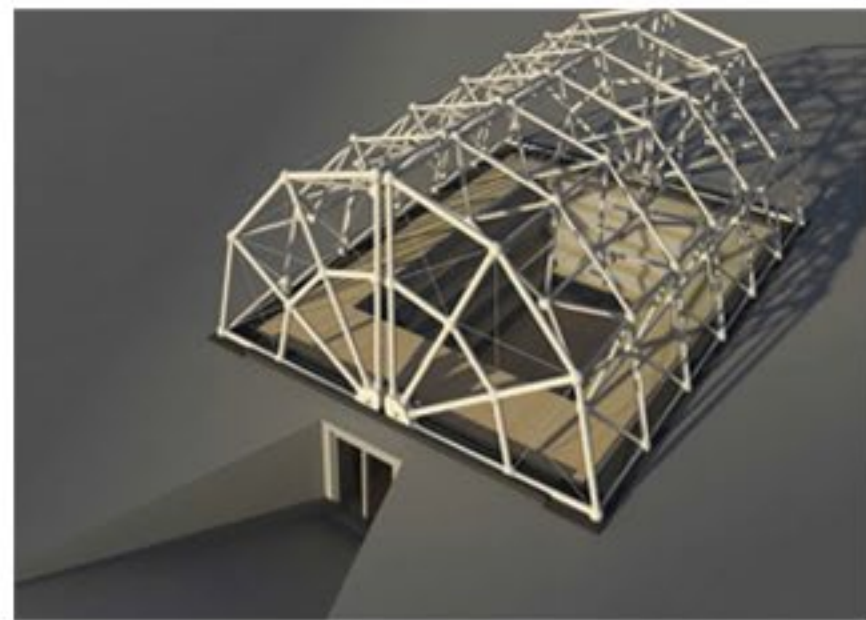


Probleemstelling

Extra kosten en ongemak

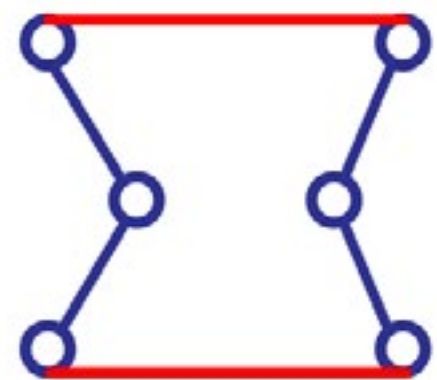


Kinetisch ontwerpen

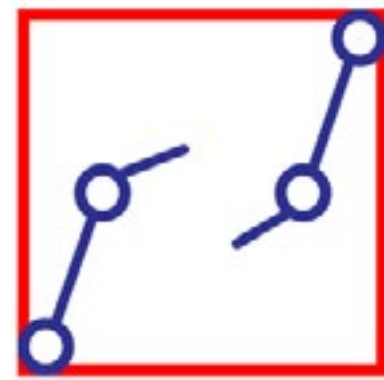


Kinetisch ontwerpen conclusies

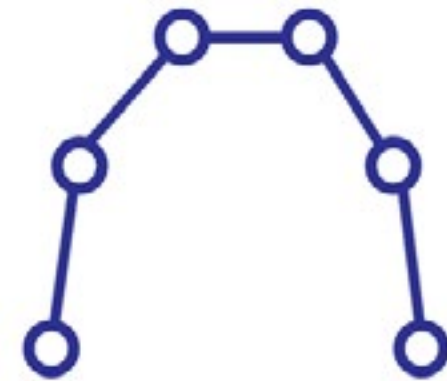
Structuren



Embedded
Kinetic
Structure



Dynamic
Kinetic
Structure



Deployable
Kinetic
Structure

Fox, Michael (2009) *Empheralization*

Uitgangspunten

Spatial
Optimization

Multifunction
Design

Contextual
Adaptability

Mobility

Fox, Michael (2009) *Interactive Architecture*
Zuk, William (1970) *Kinetic Architecture*

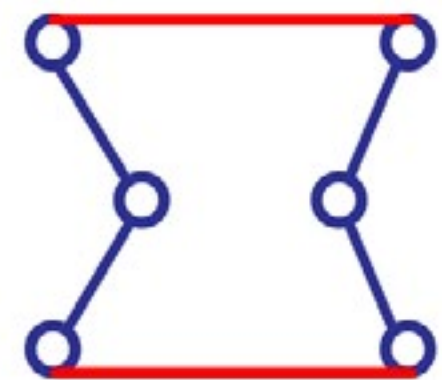
Embedded Kinetic Structure



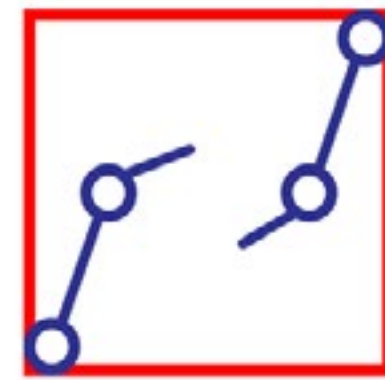
Sliding house - dRMM Architects

Kinetisch ontwerpen conclusies

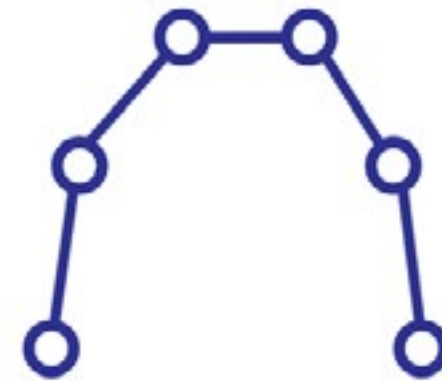
Structuren



Embedded
Kinetic
Structure



Dynamic
Kinetic
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Deployable
Kinetic
Structure

Fox, Michael (2009) *Emphemeralization*

Uitgangspunten

Spatial
Optimization

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Fox, Michael (2009) *Interactive Architecture*
Zuk, William (1970) *Kinetic Architecture*

Uitgangspunten

- Kinetisch ontwerpen

- Onderzoeksvraag:

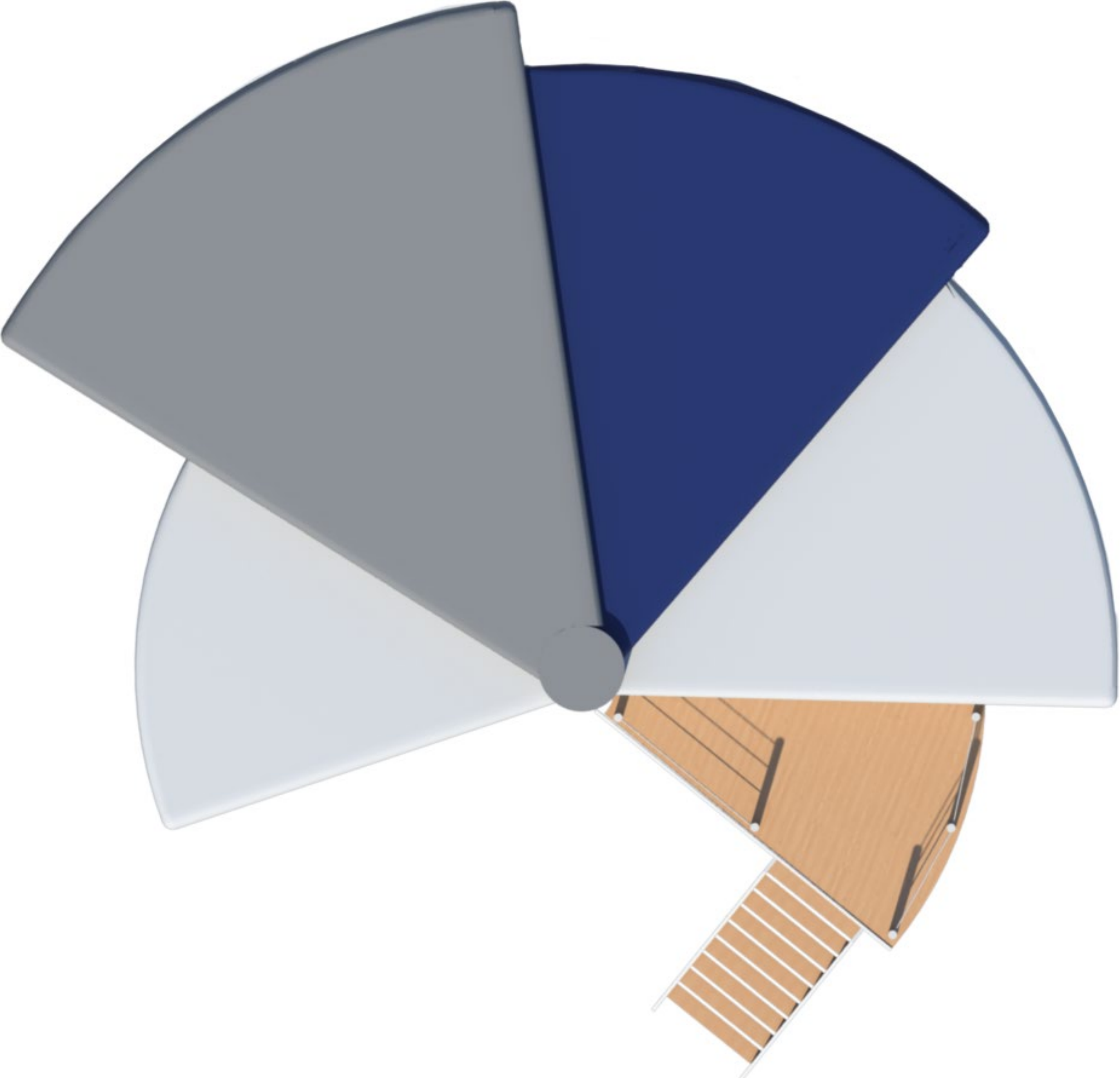
“Hoe kan kinetisch ontwerpen helpen om een strandhuis te maken dat minder schadelijk is voor de duinen en verder minder kosten met zich meebrengt?”

- Locatie

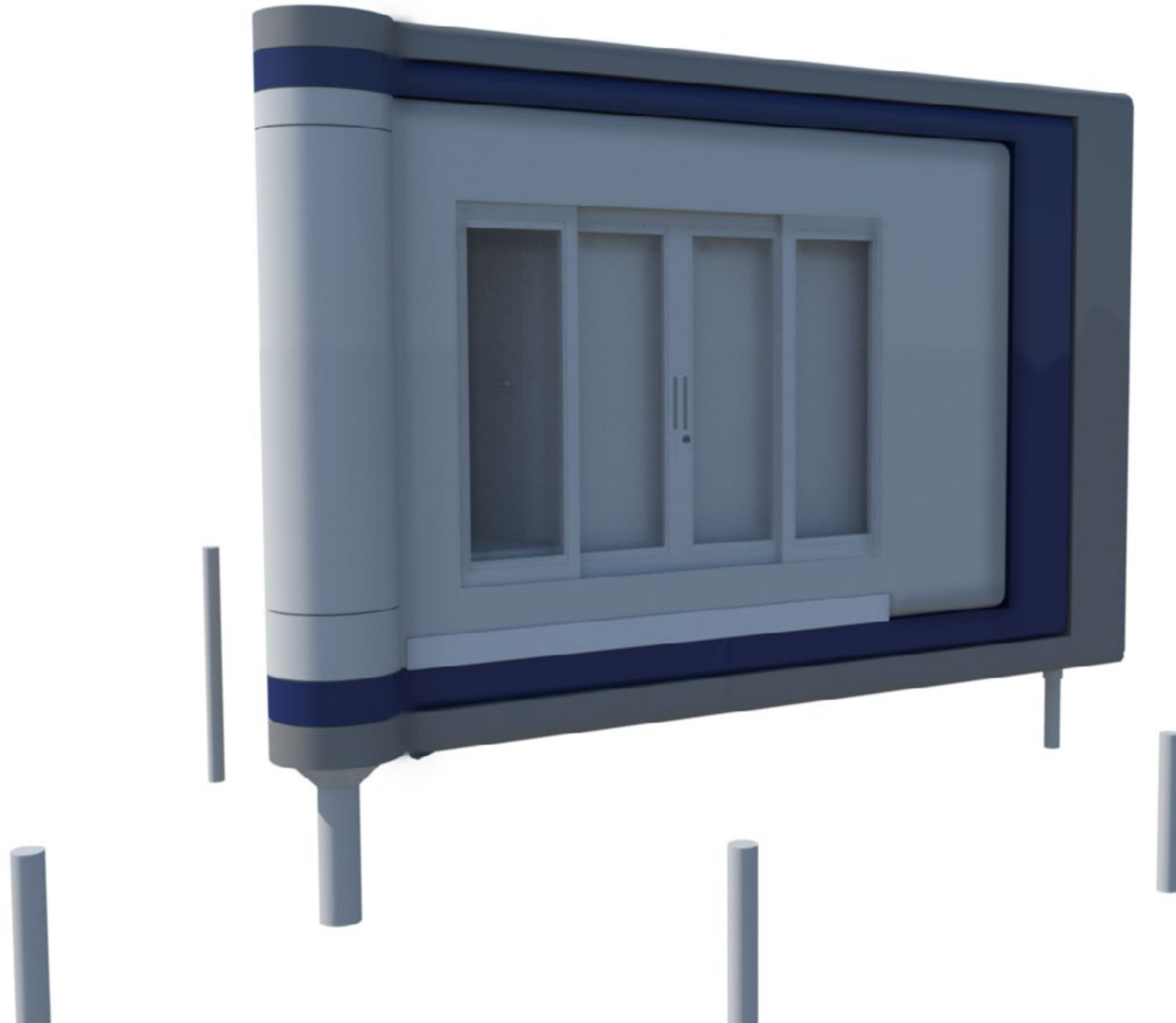
- Doelgroep

Gehele Structuur

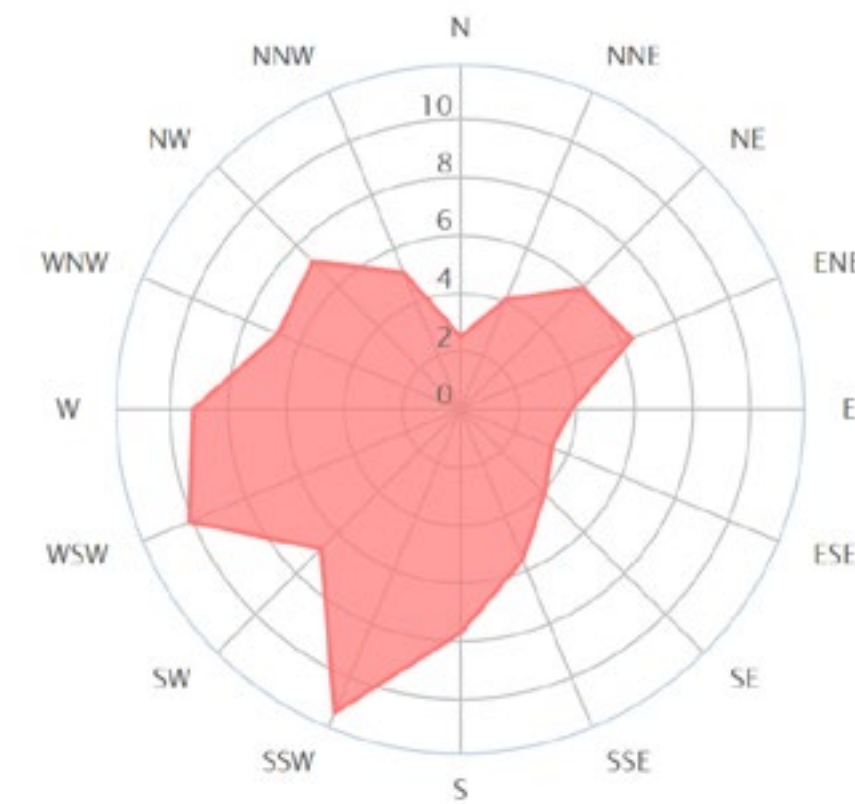
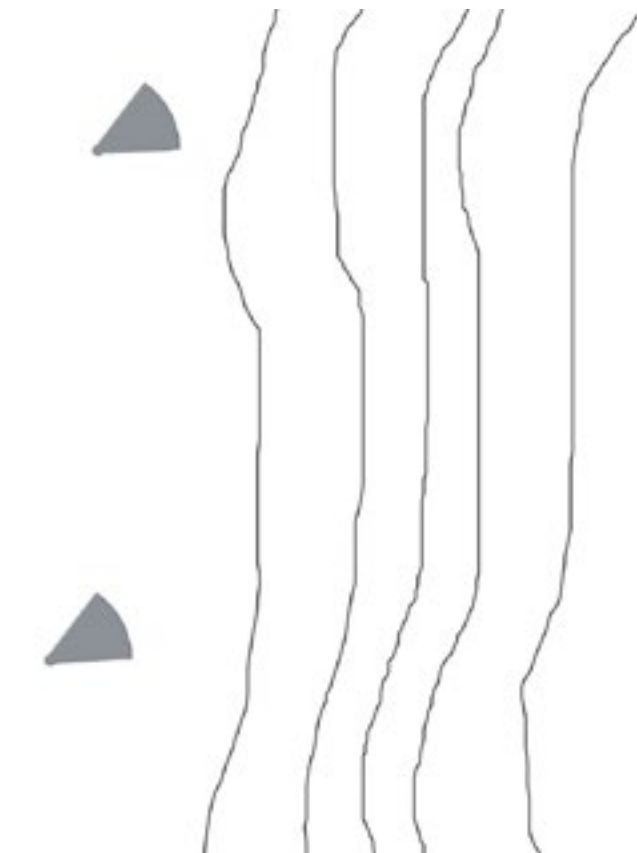
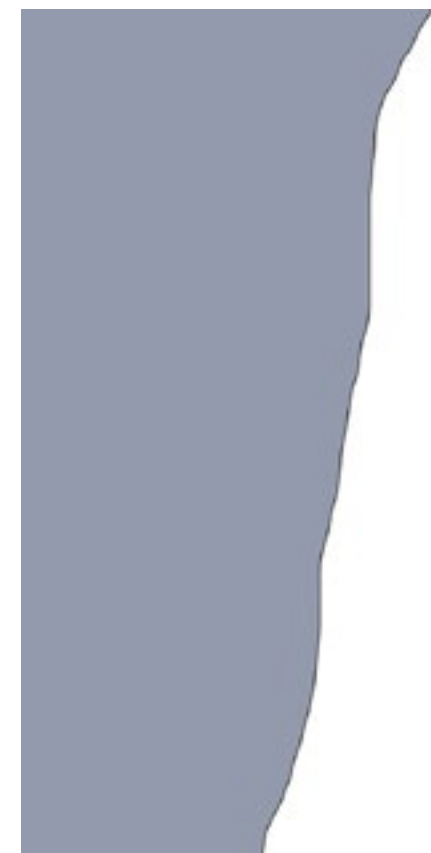
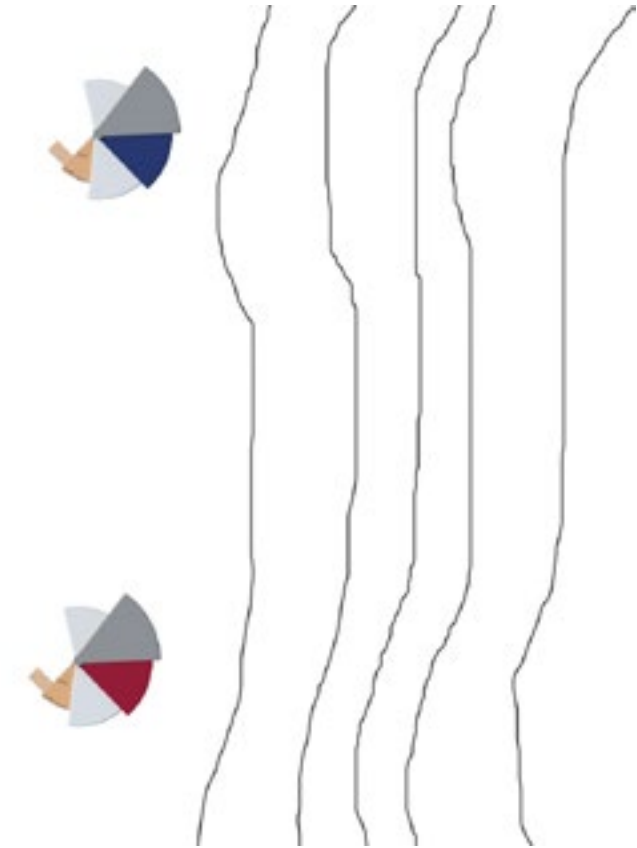
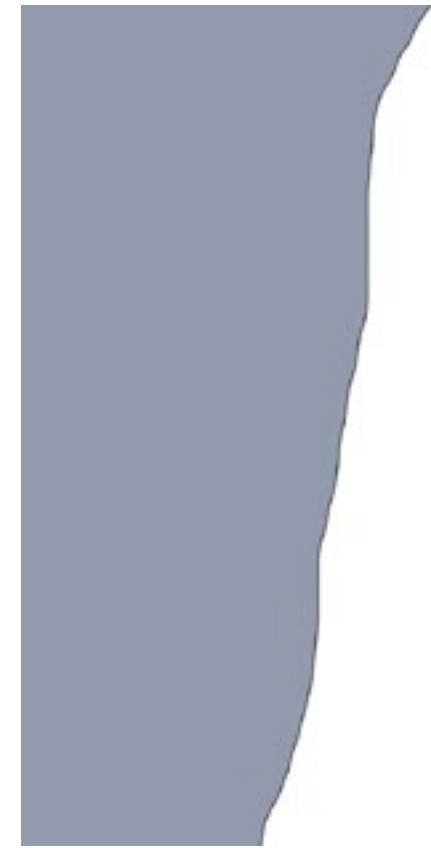
Vorm



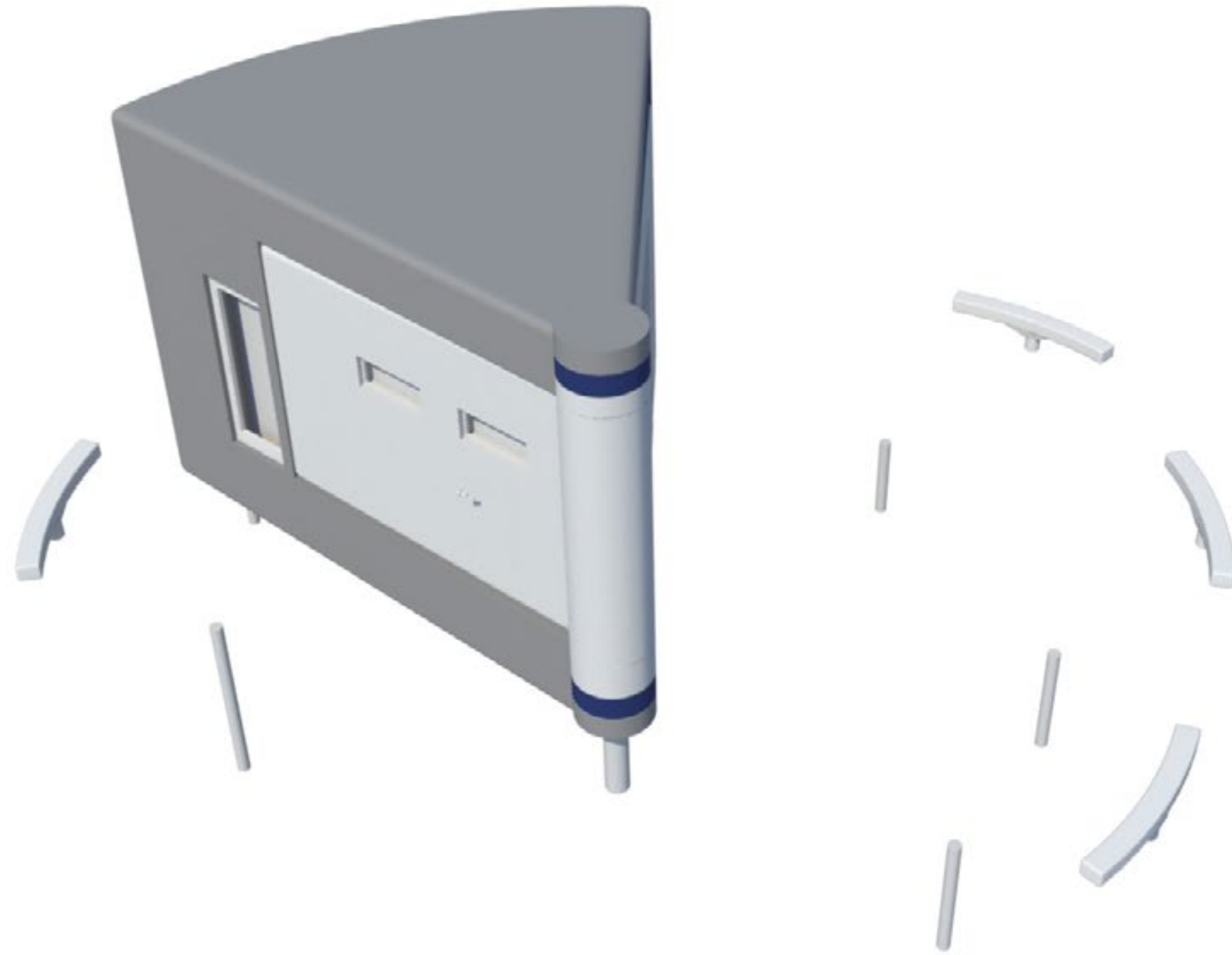
Vorm



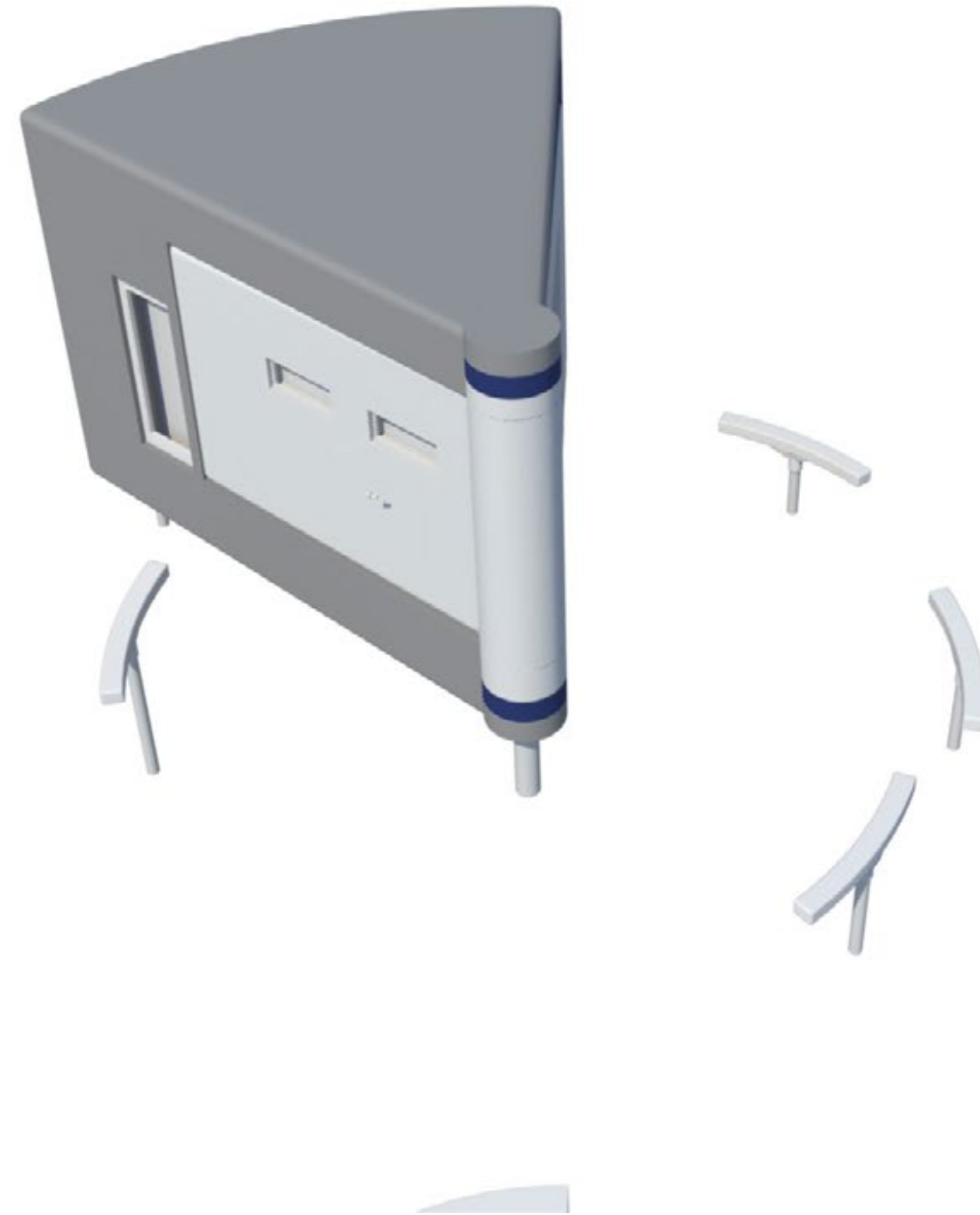
Plaatsing



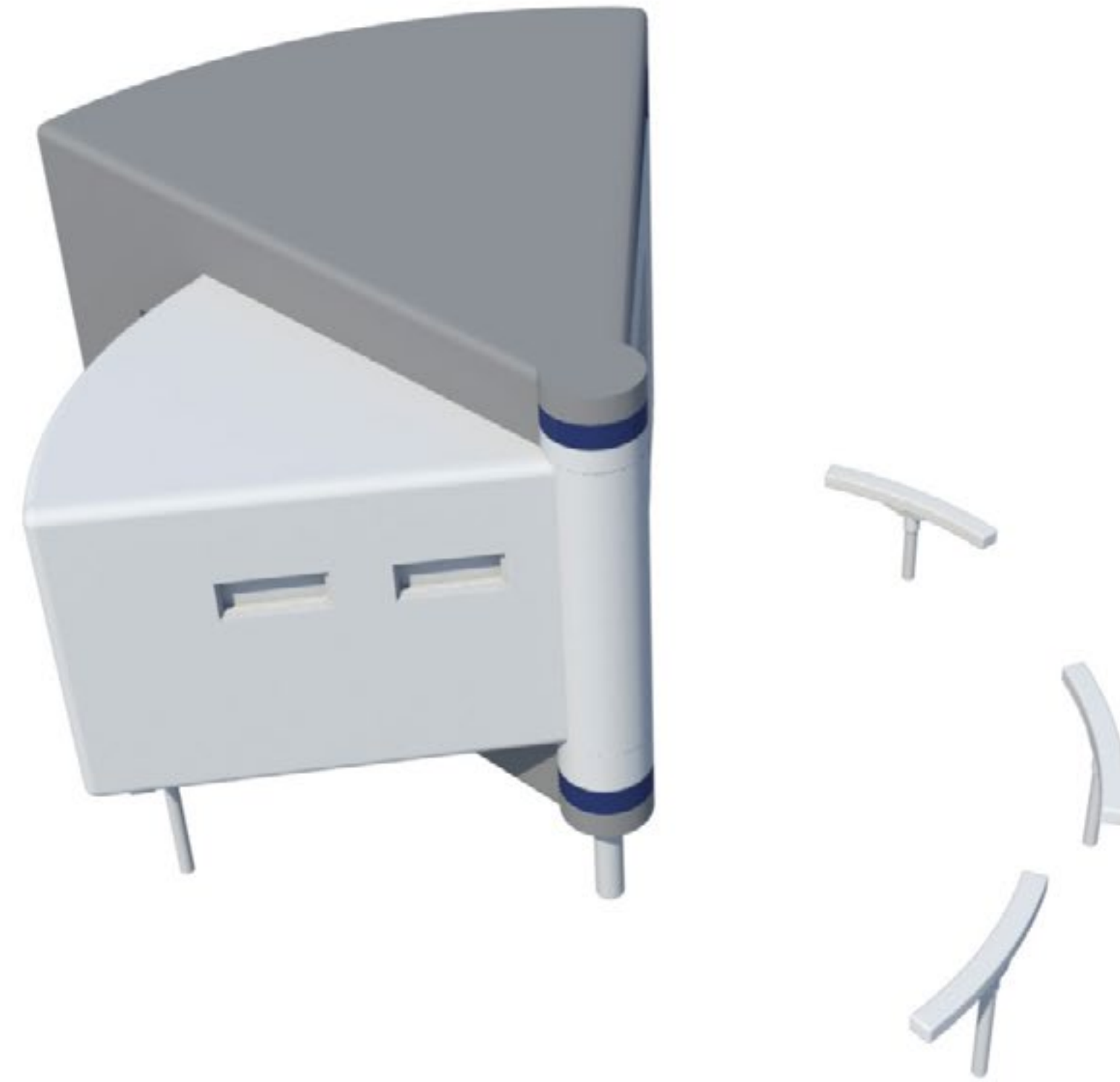
Transformatie



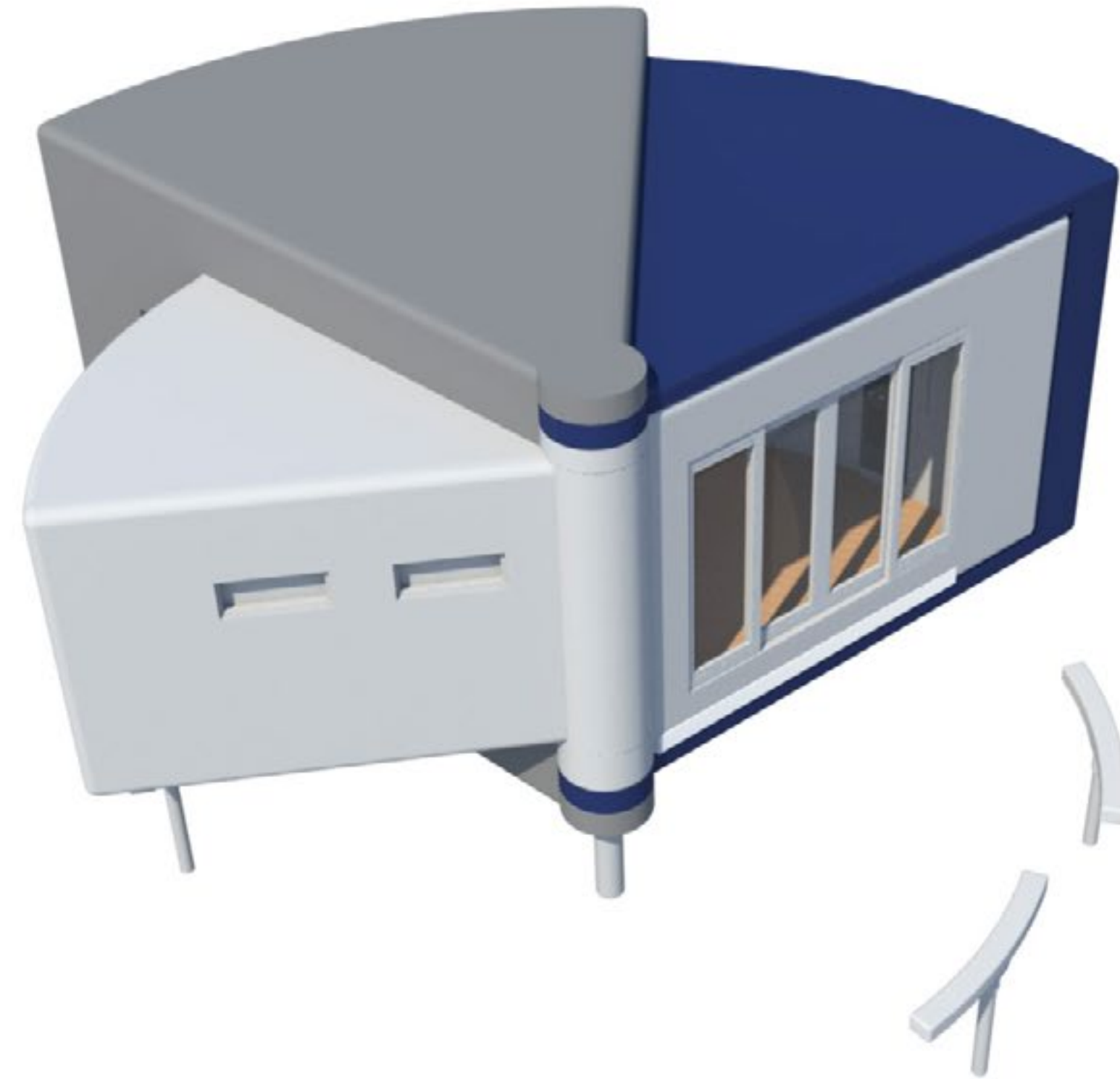
Transformatie



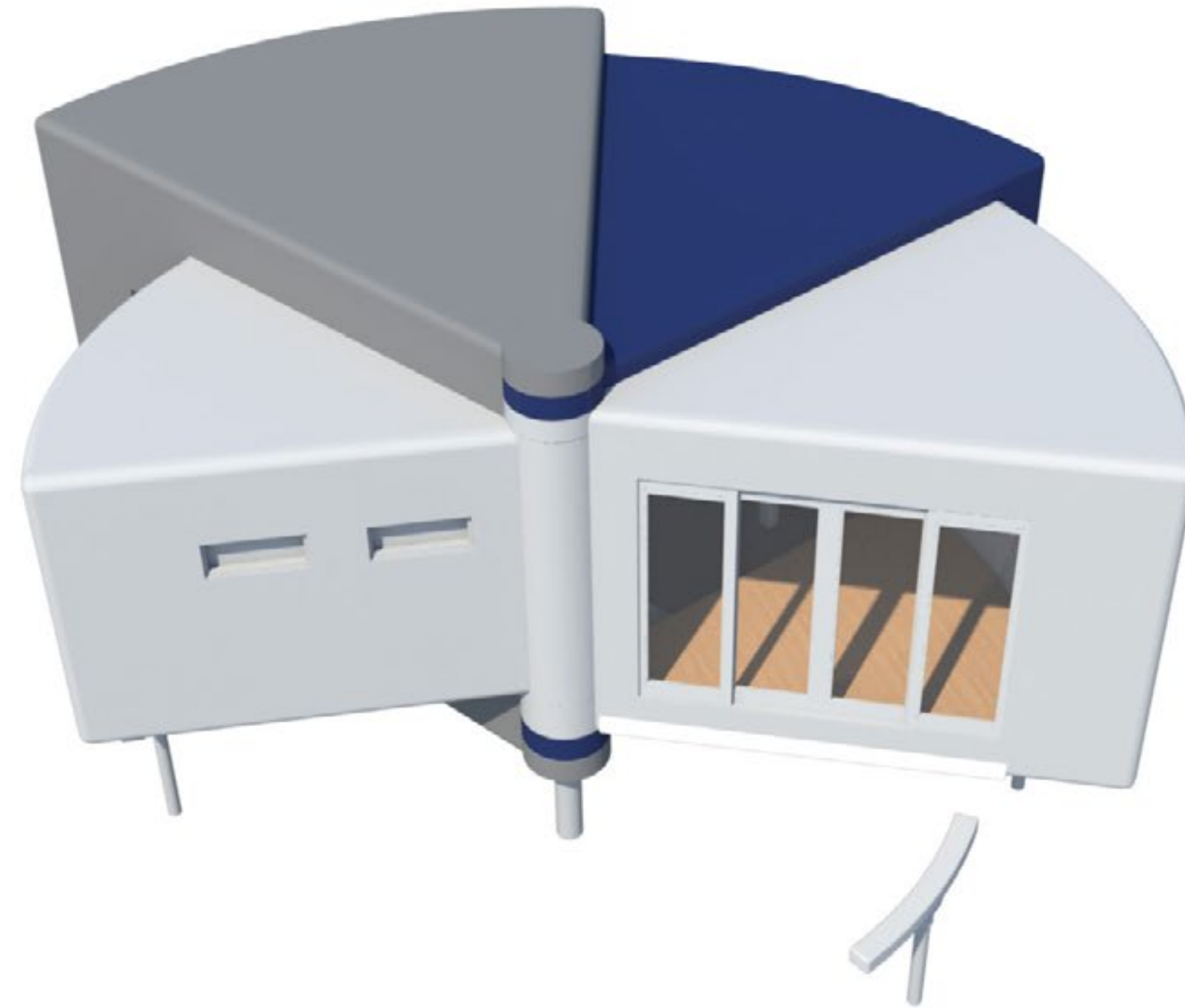
Transformatie



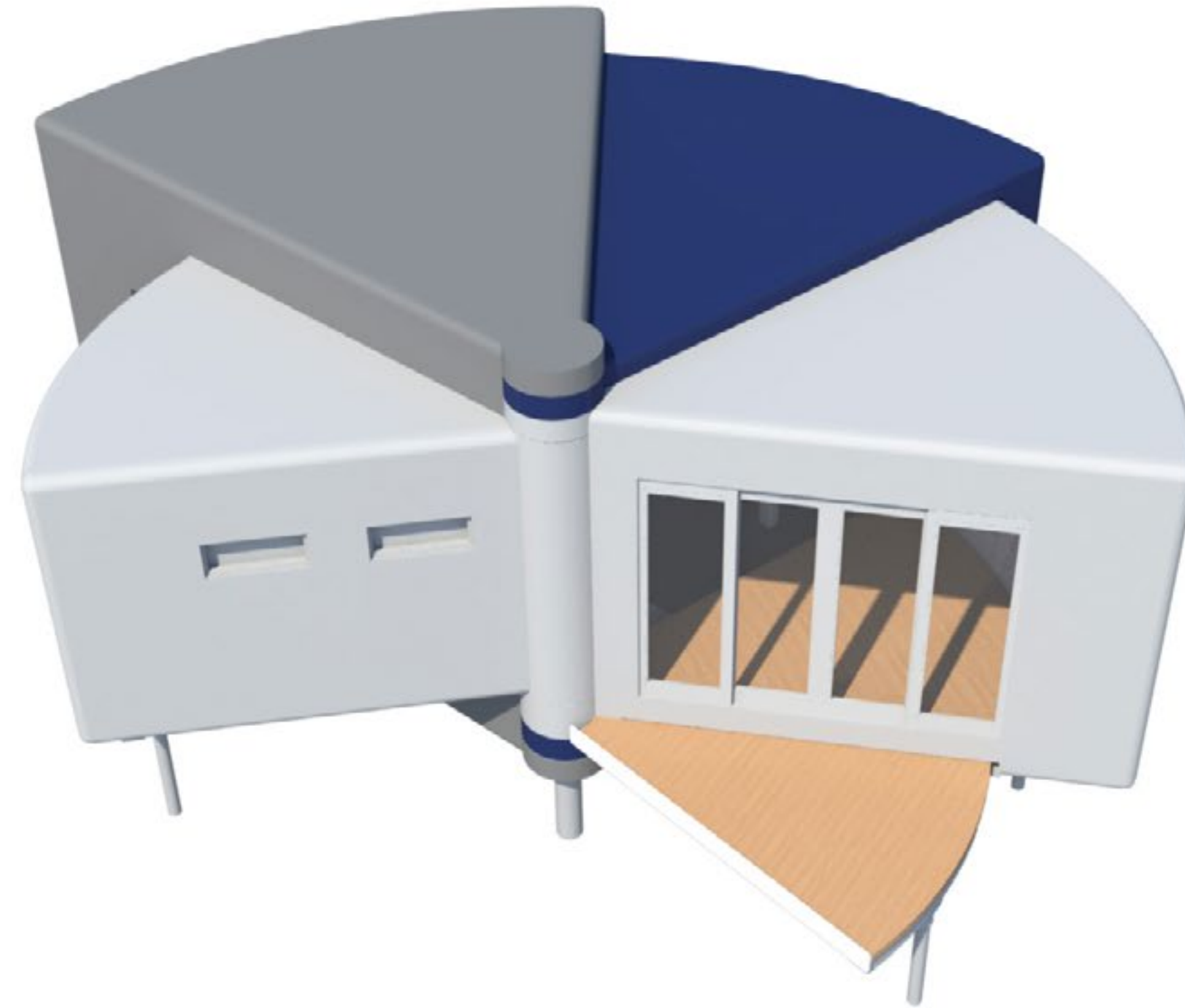
Transformatie



Transformatie



Transformatie



Transformatie



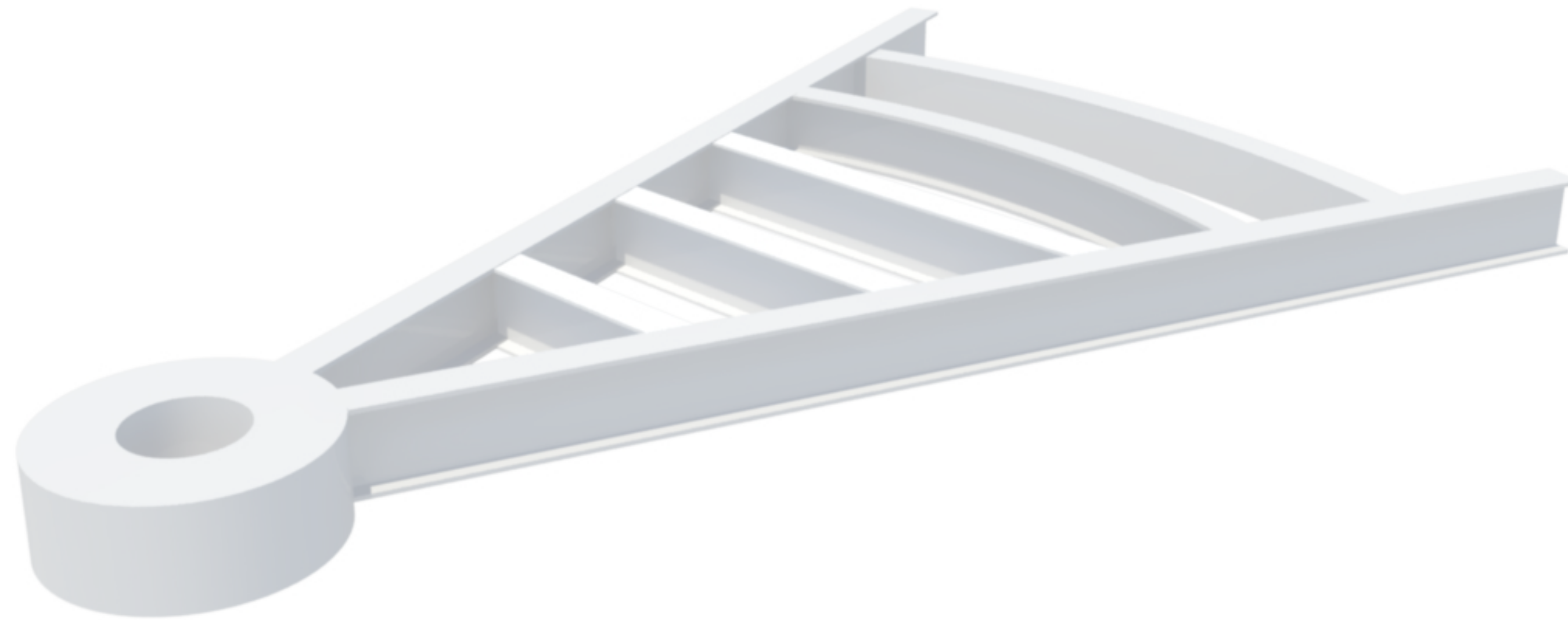
Materiaal

- Stalen Liggers
 - extra sterk vloervlak
- Vezelversterkte composieten
 - gewichtsbeparend
 - sterk, stijf, thermische- en elektrische weerstand
 - waterbestendig en bestand tegen zout

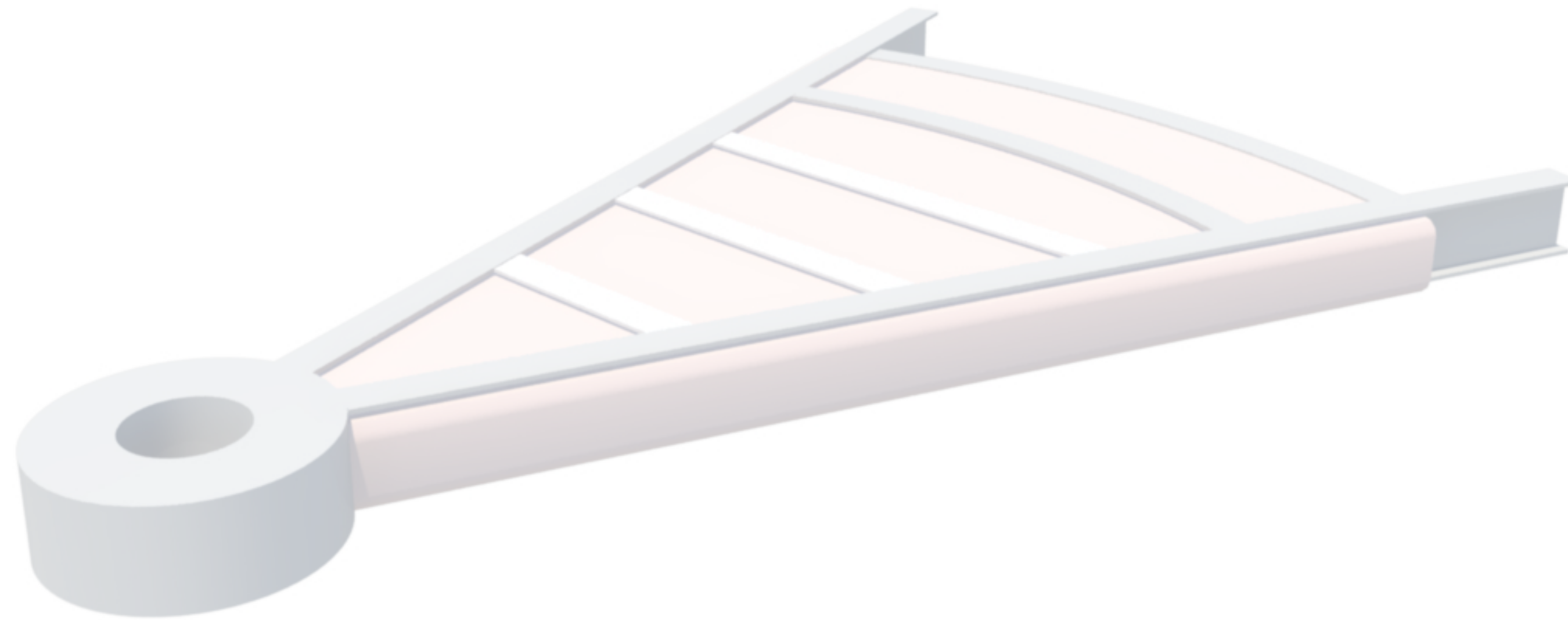
Opbouw vloervlak



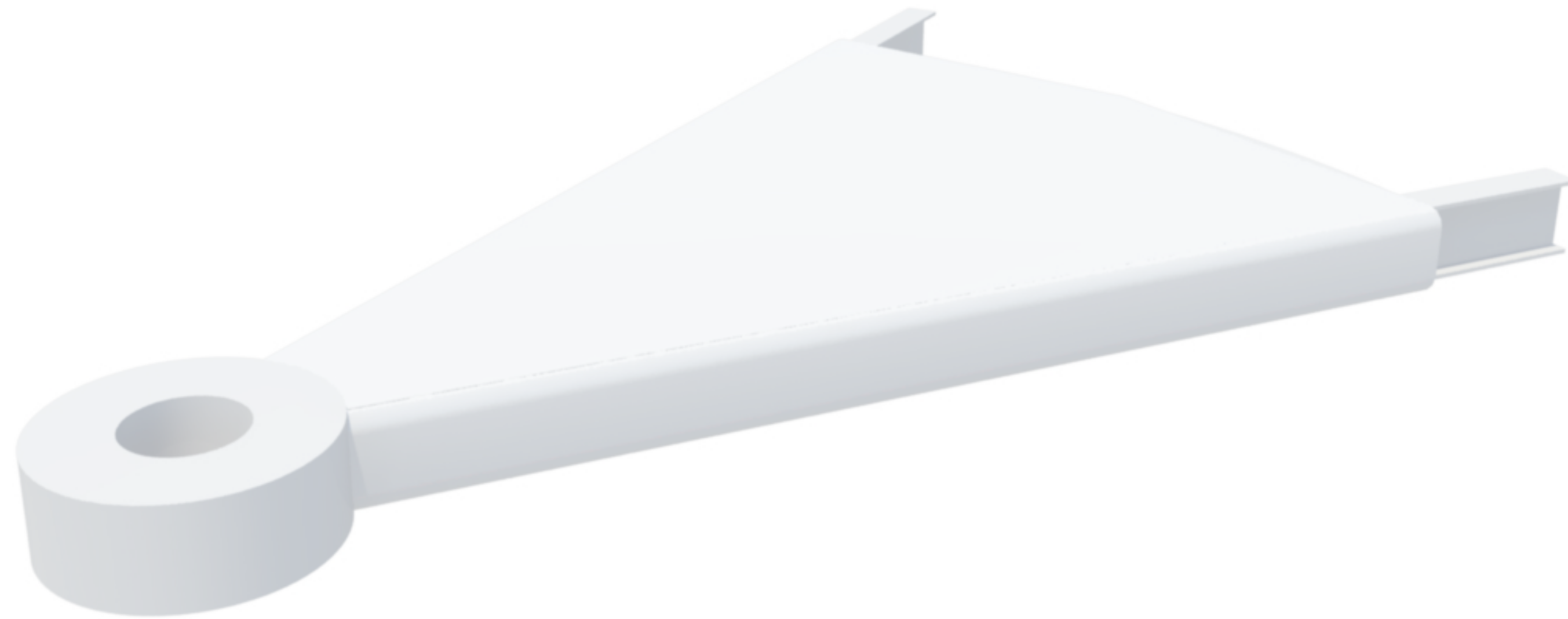
Opbouw vloervlak



Opbouw vloervlak



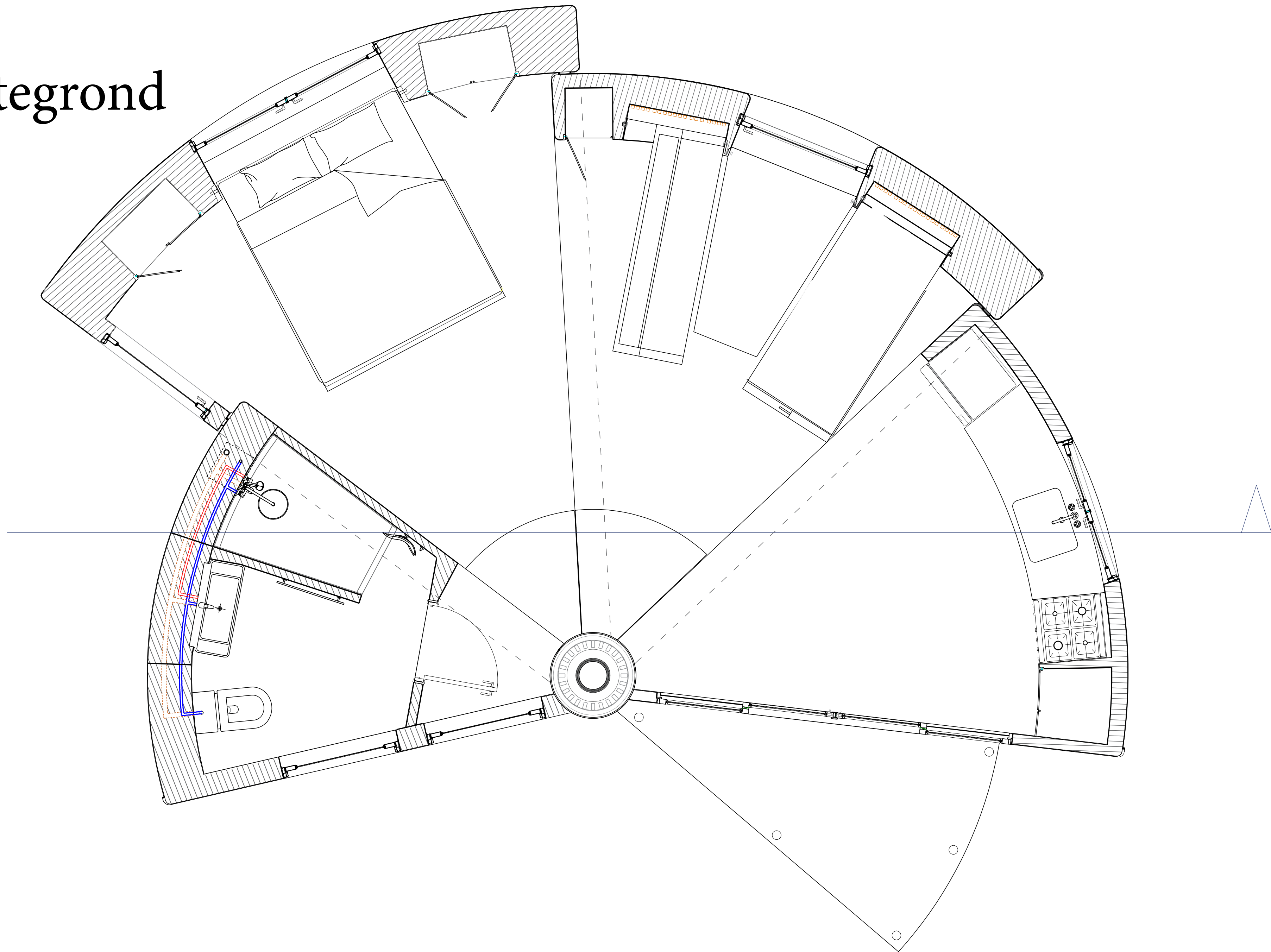
Opbouw vloervlak



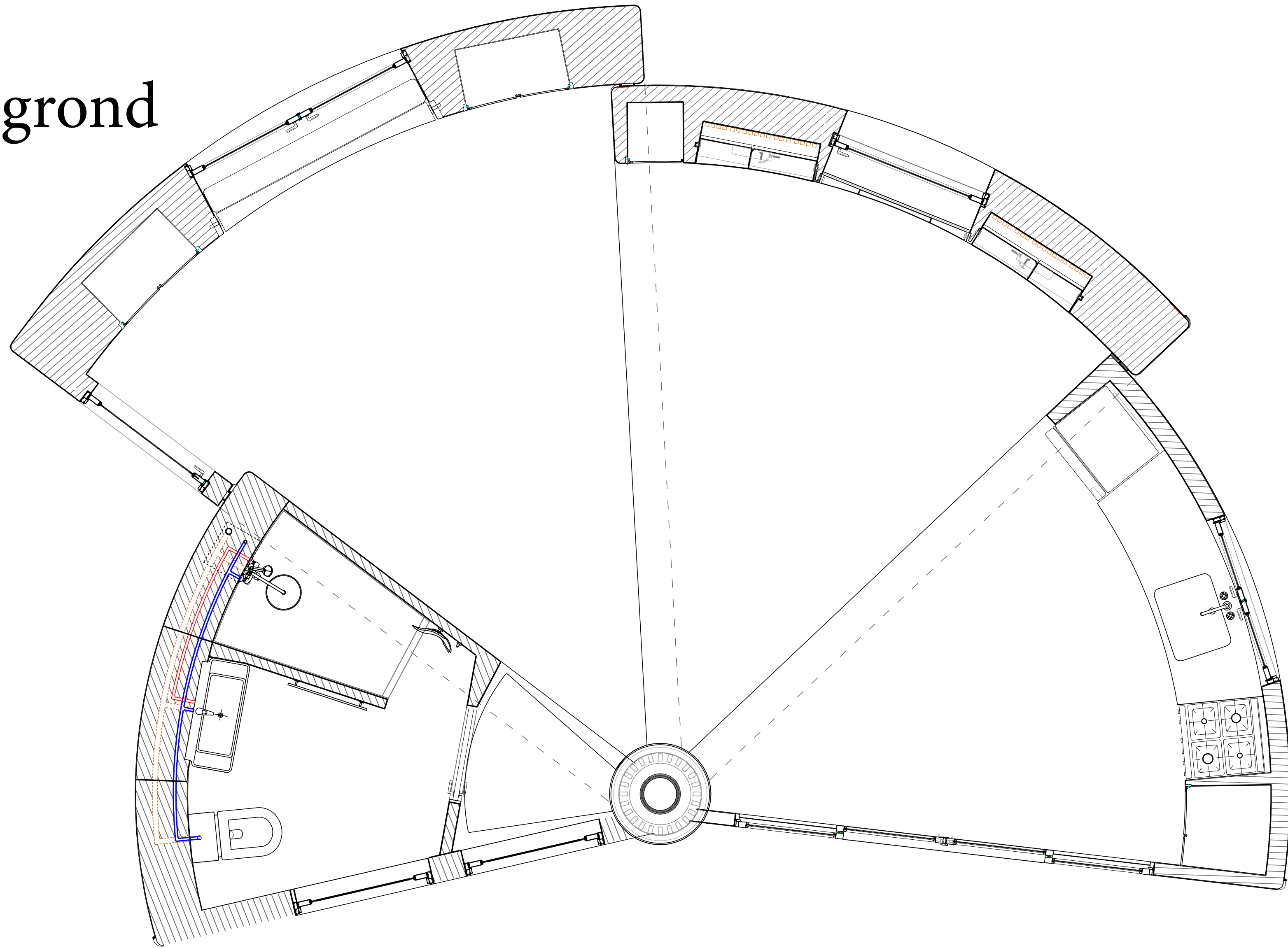
Opbouw vloervlak



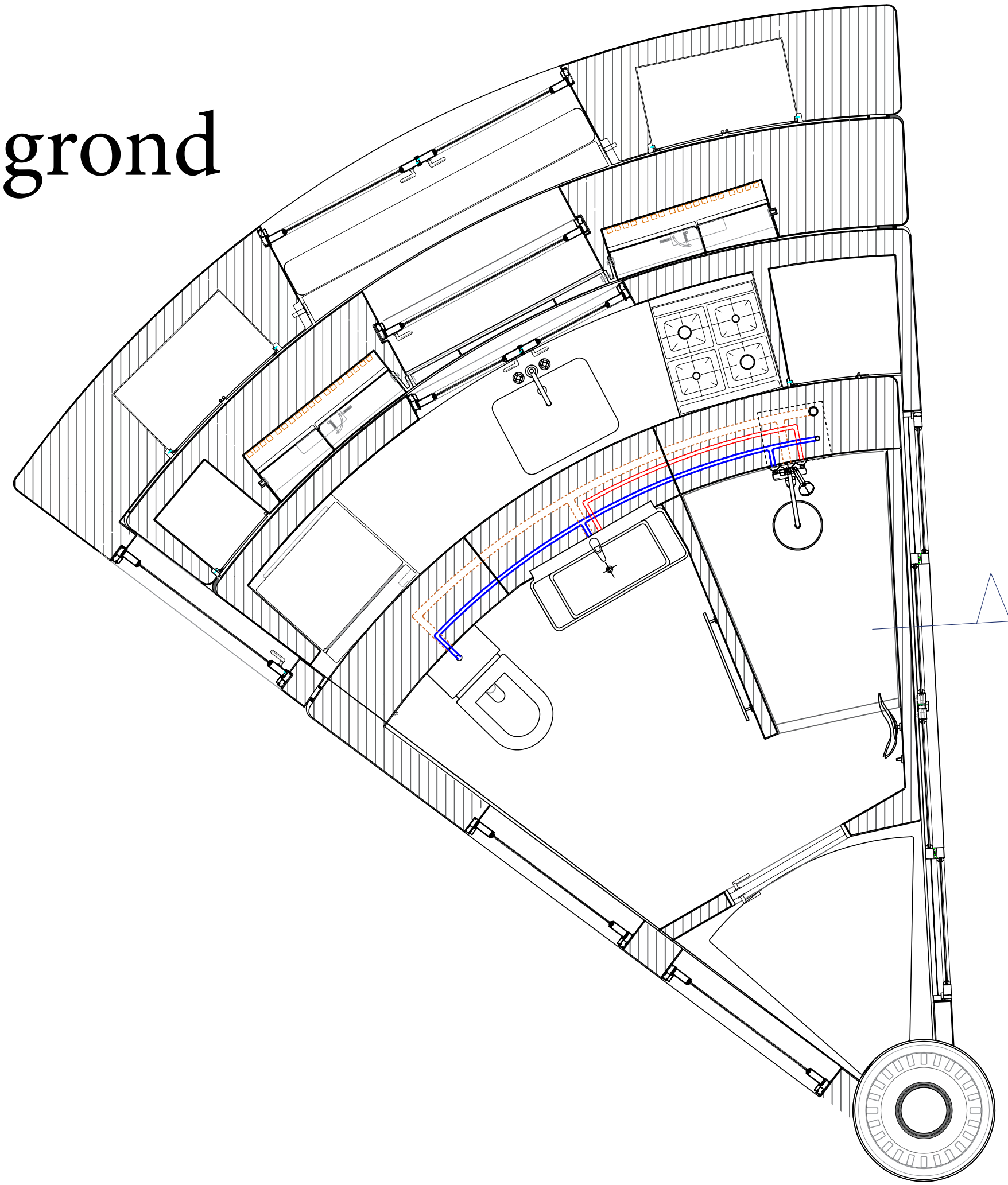
Plattegrond



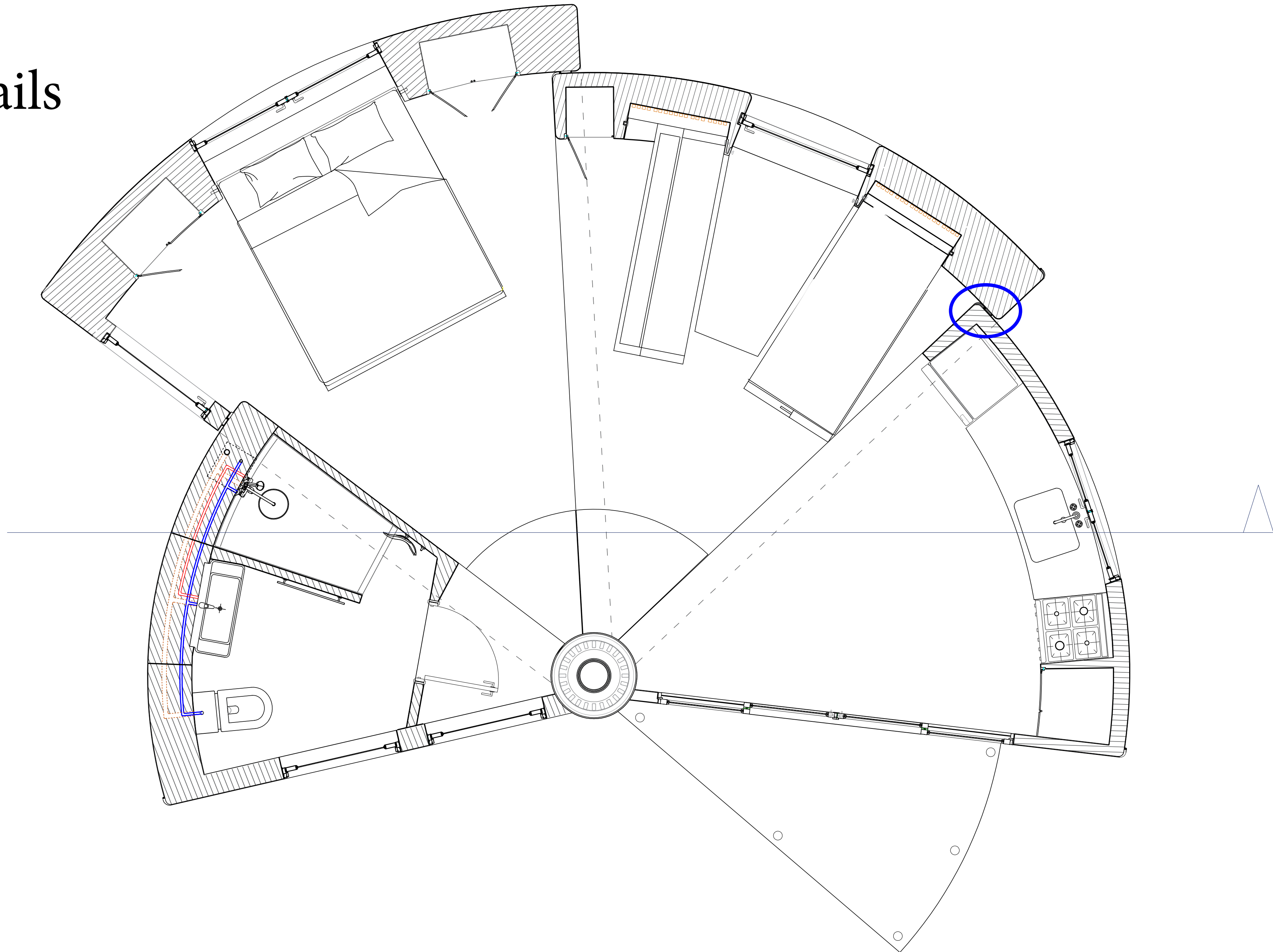
Plattegrond



Plattegrond



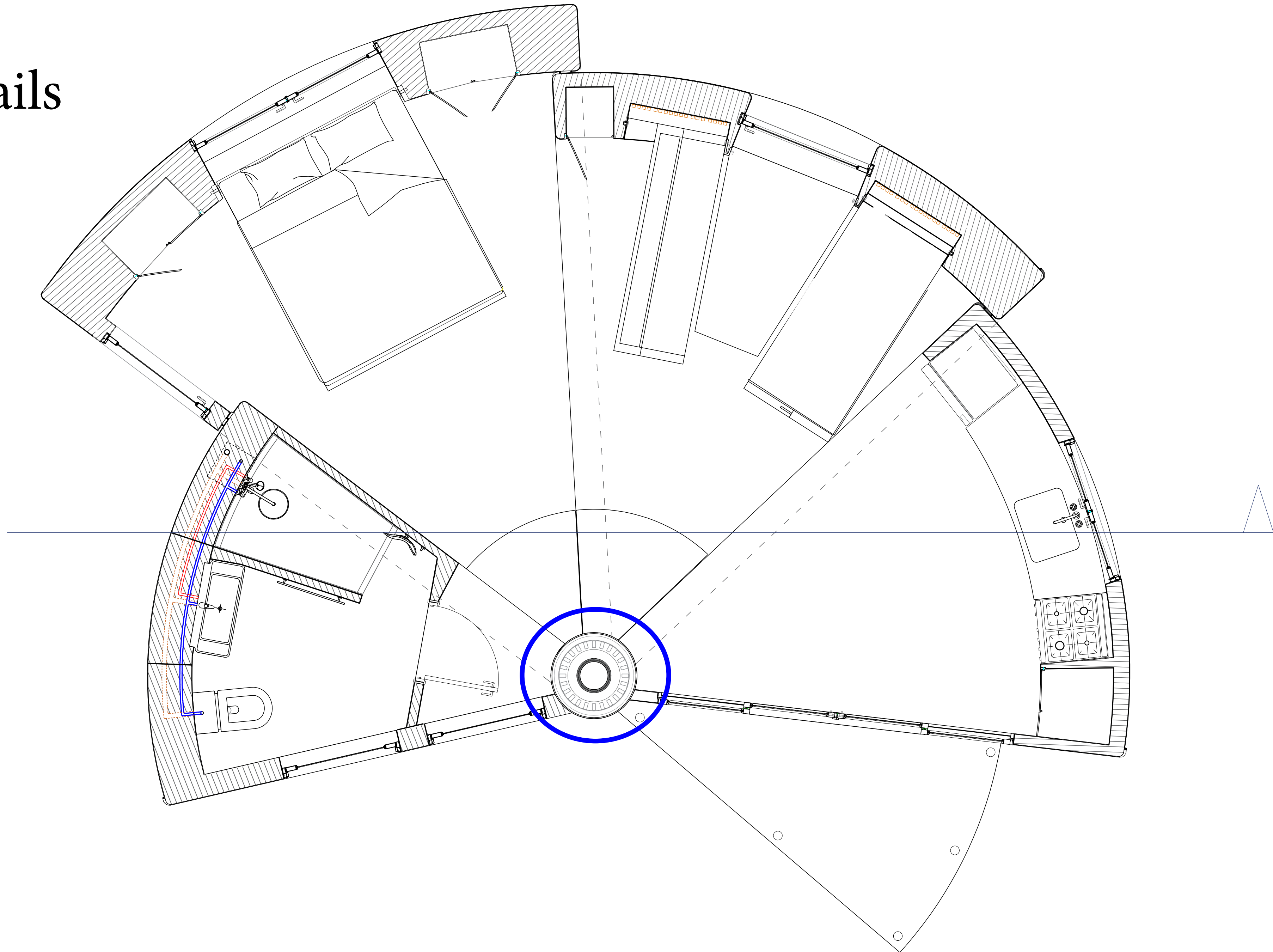
Details



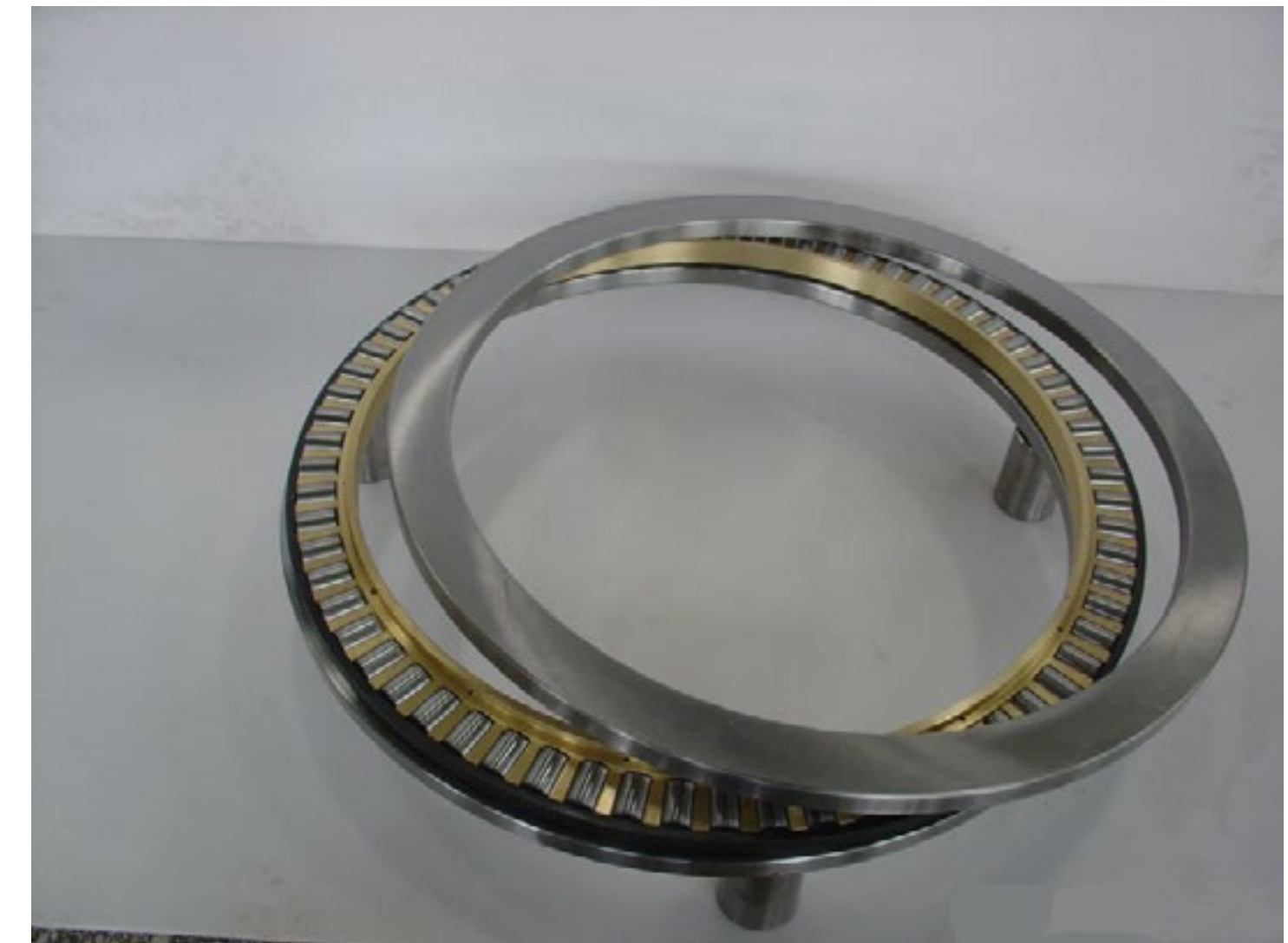
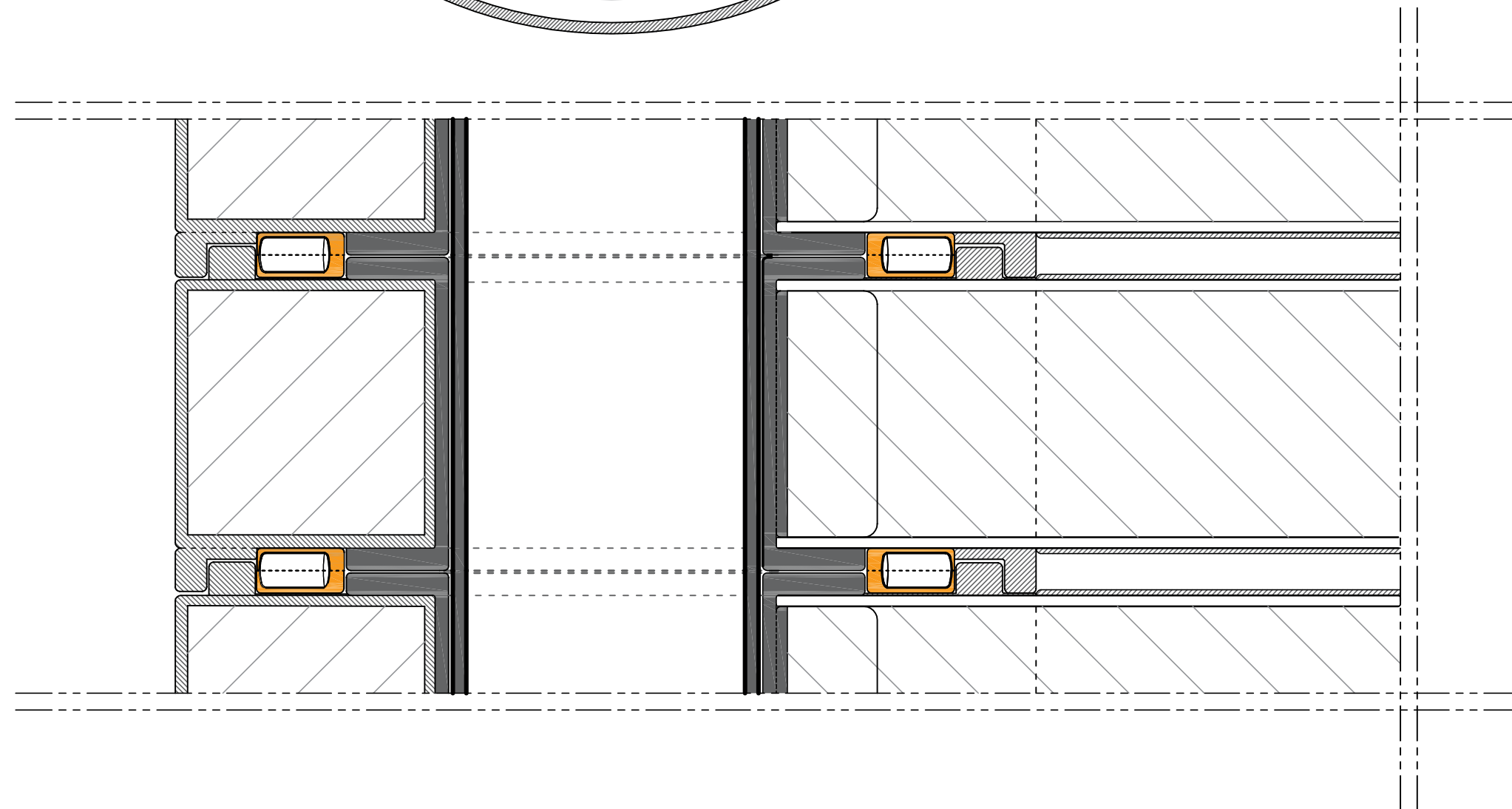
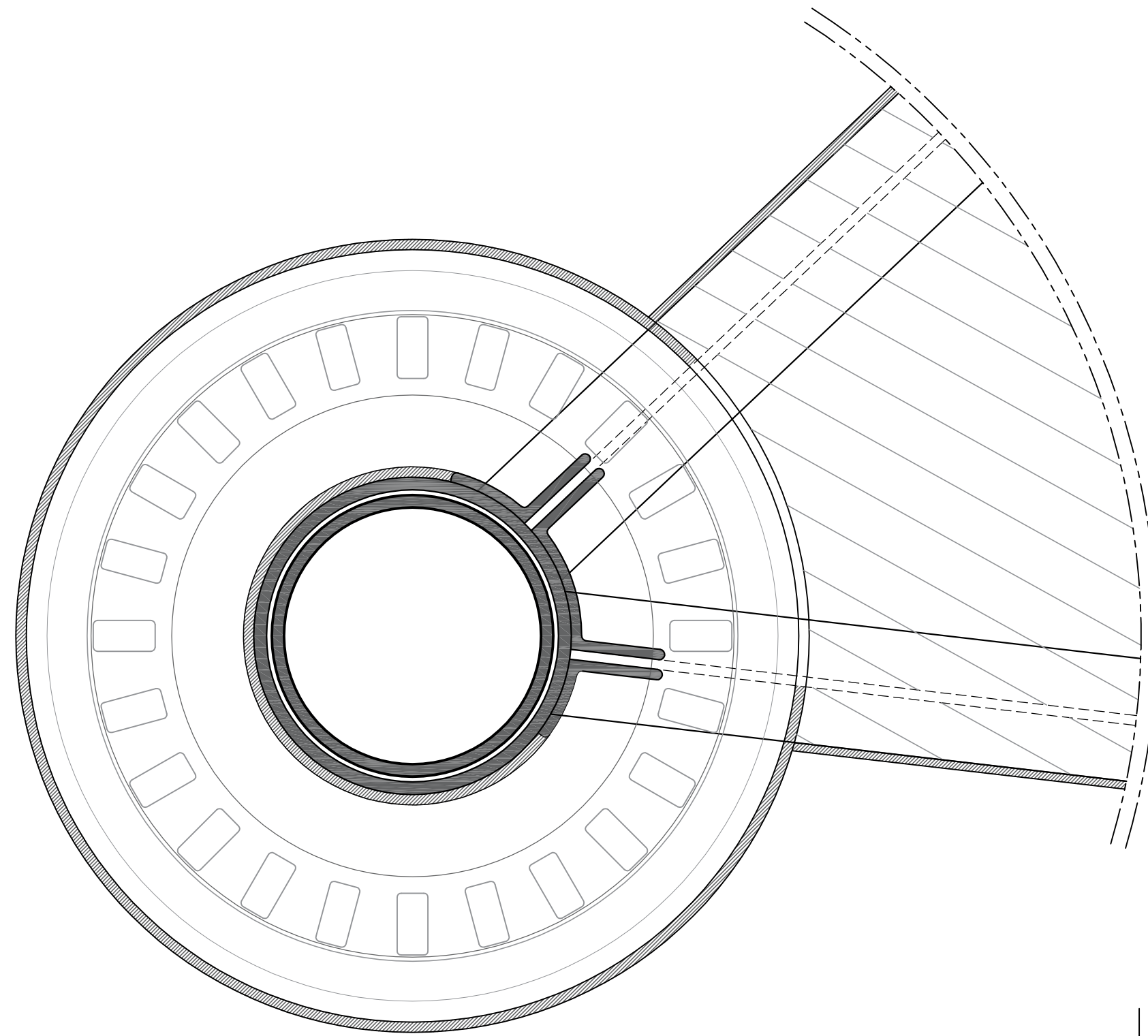
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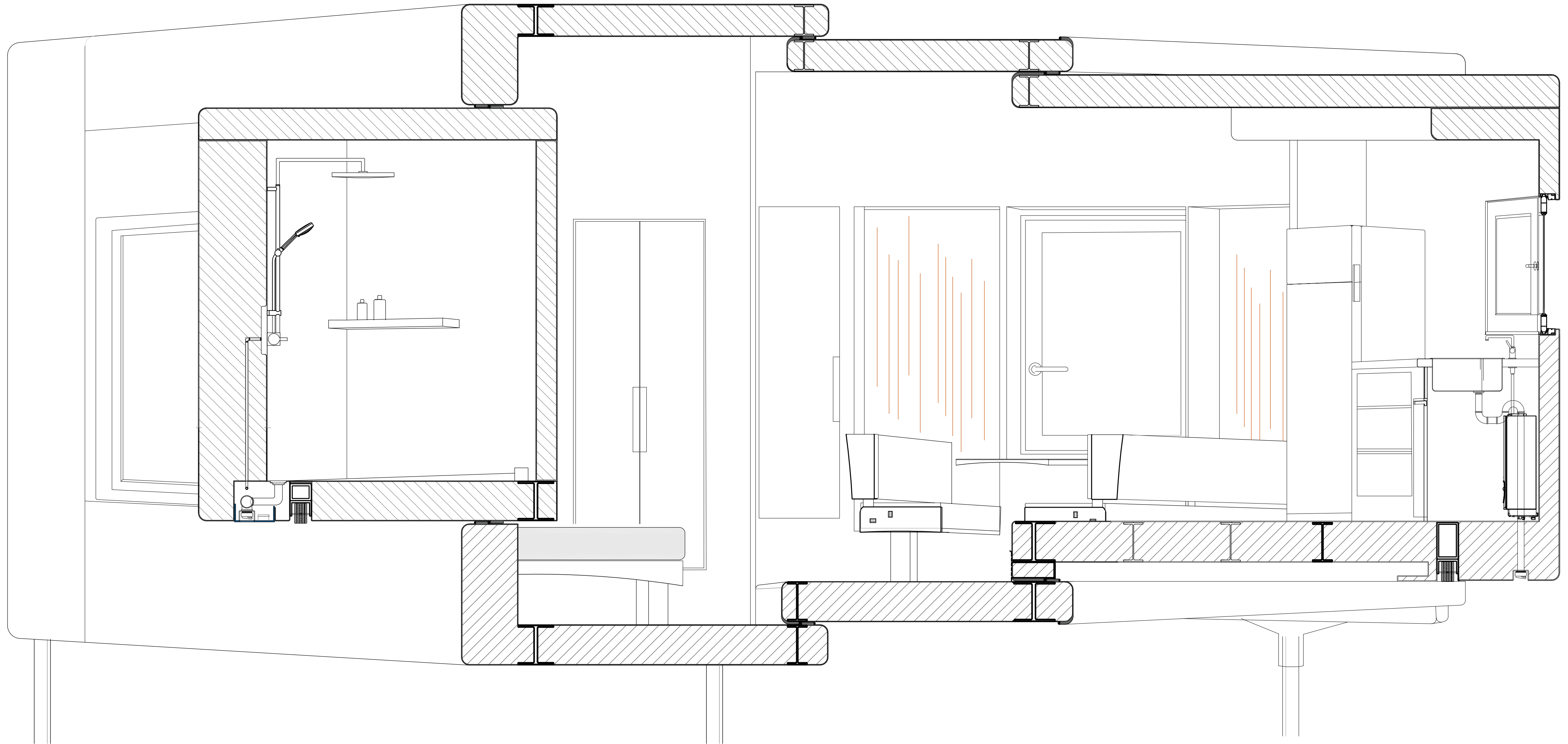
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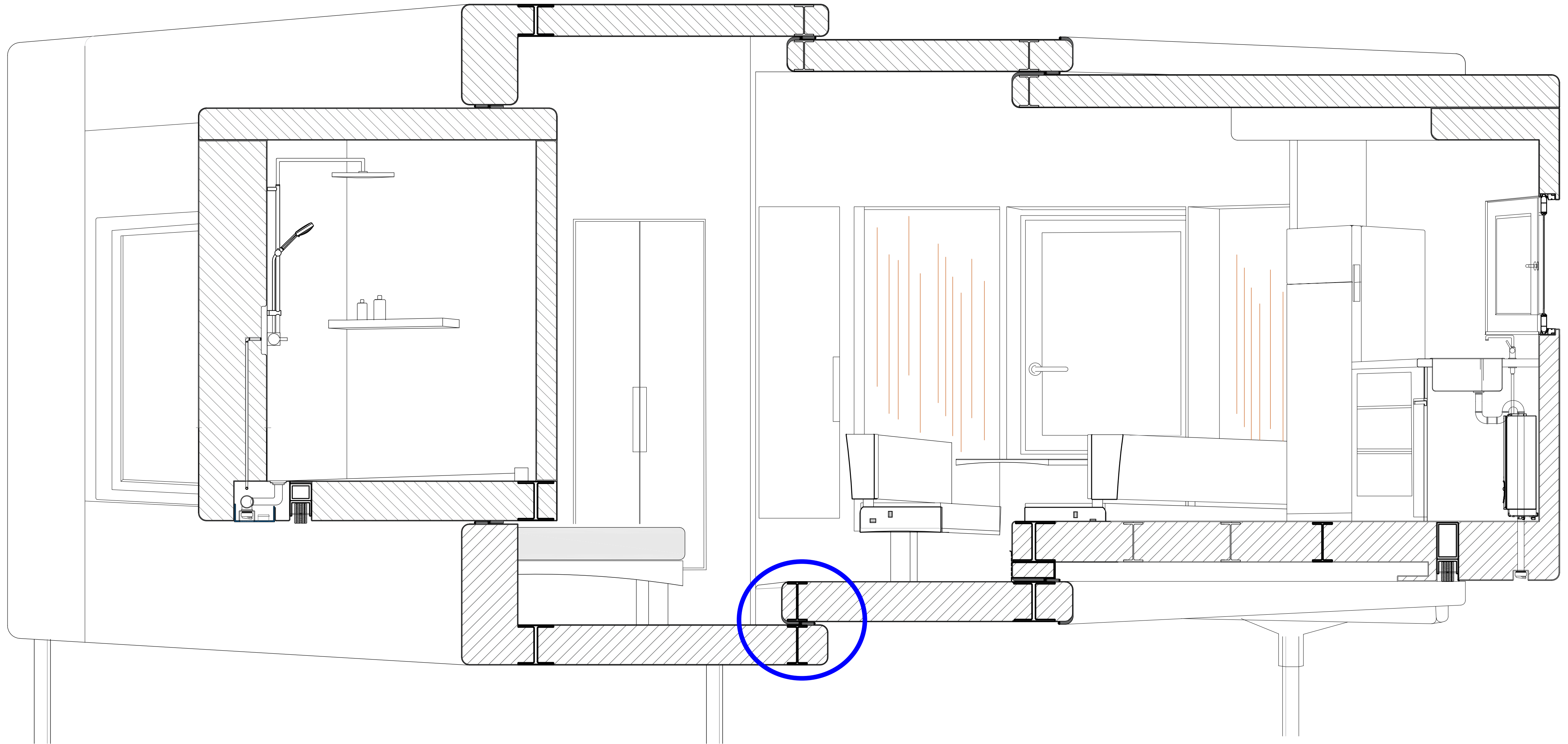
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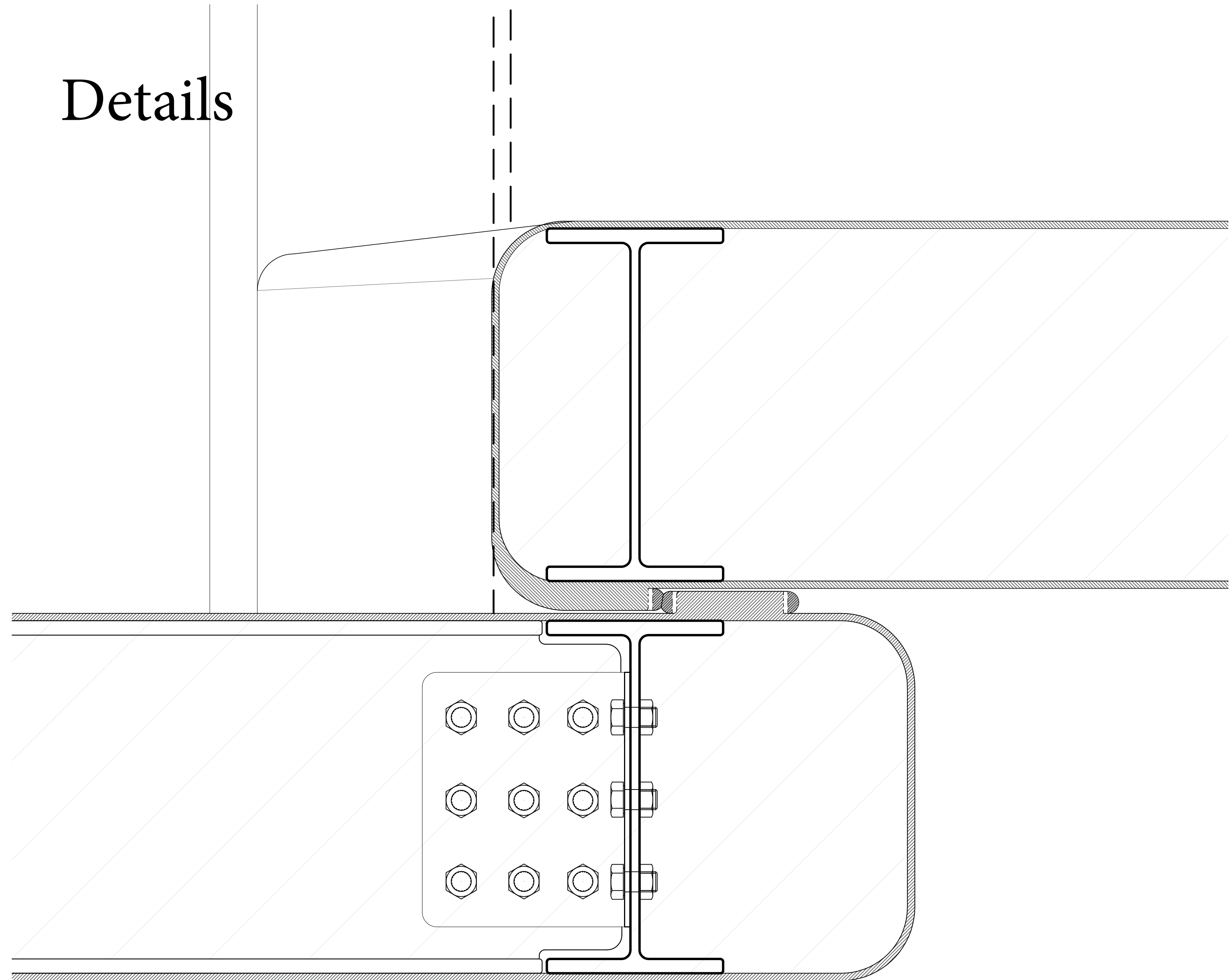
Doorsnede



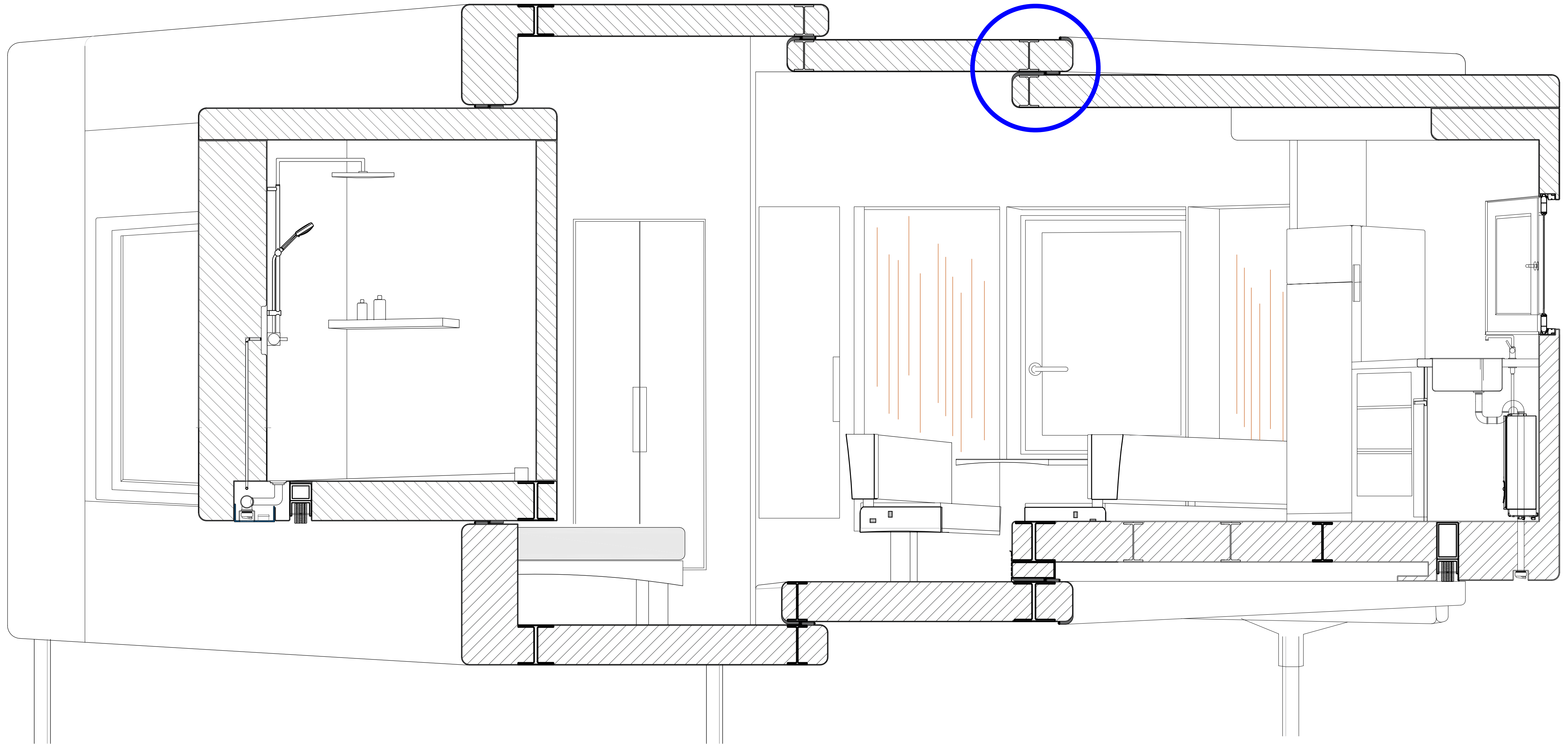
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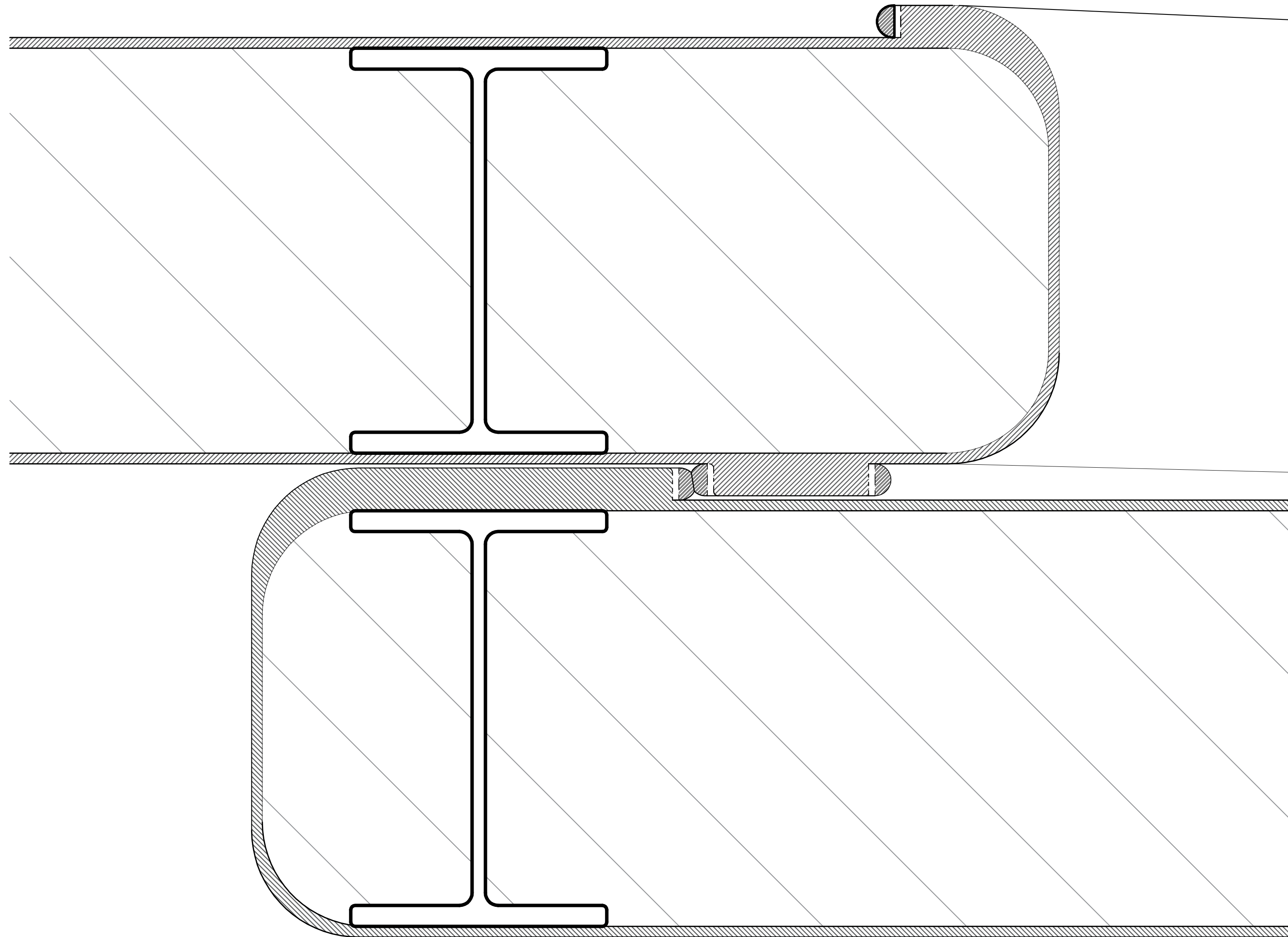
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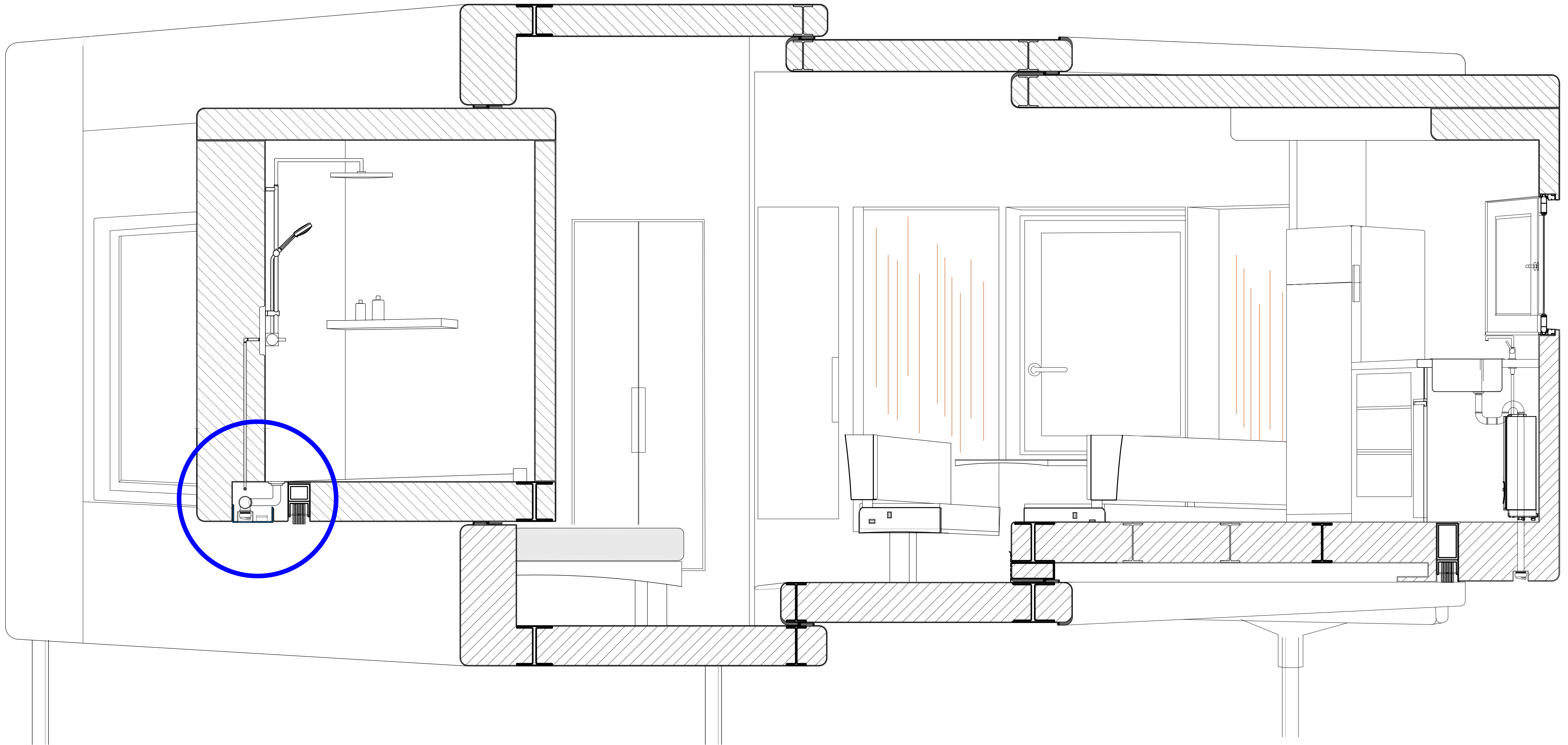
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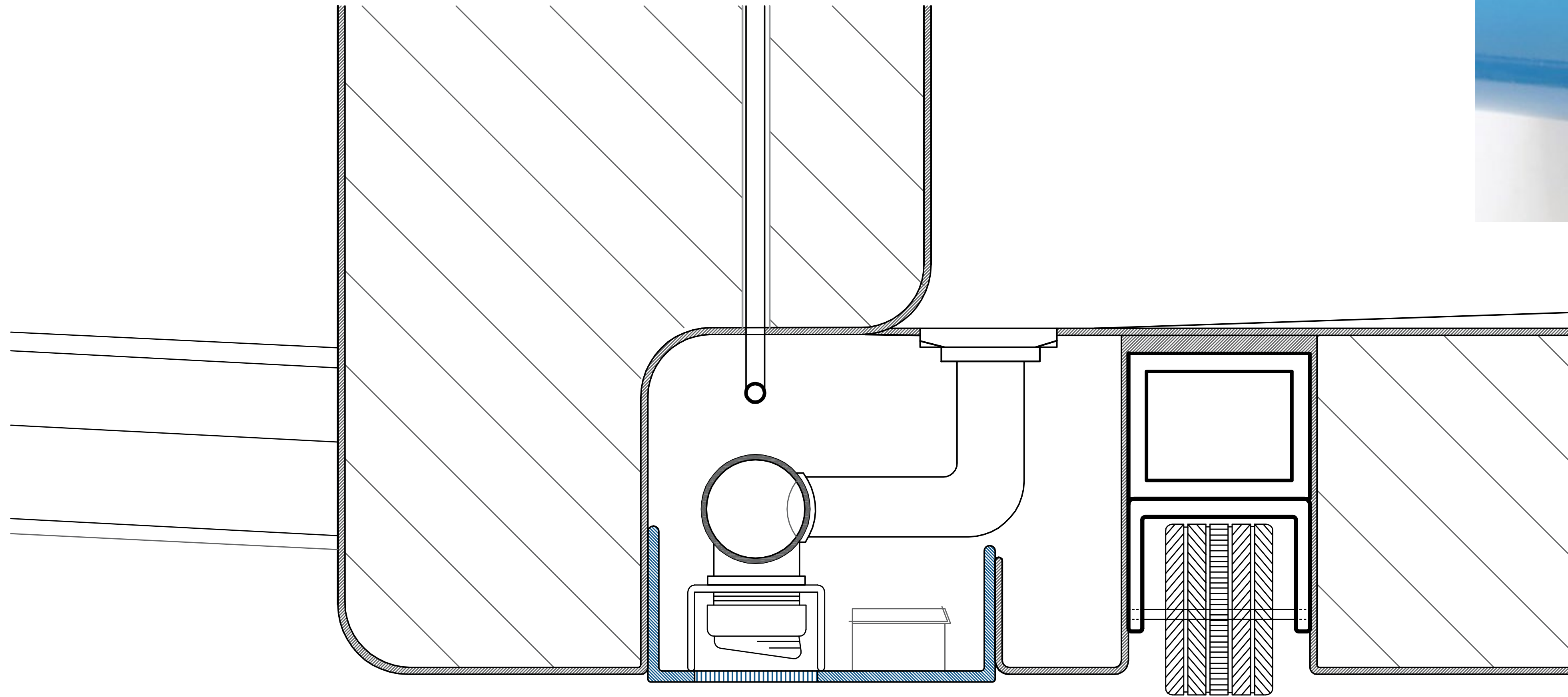
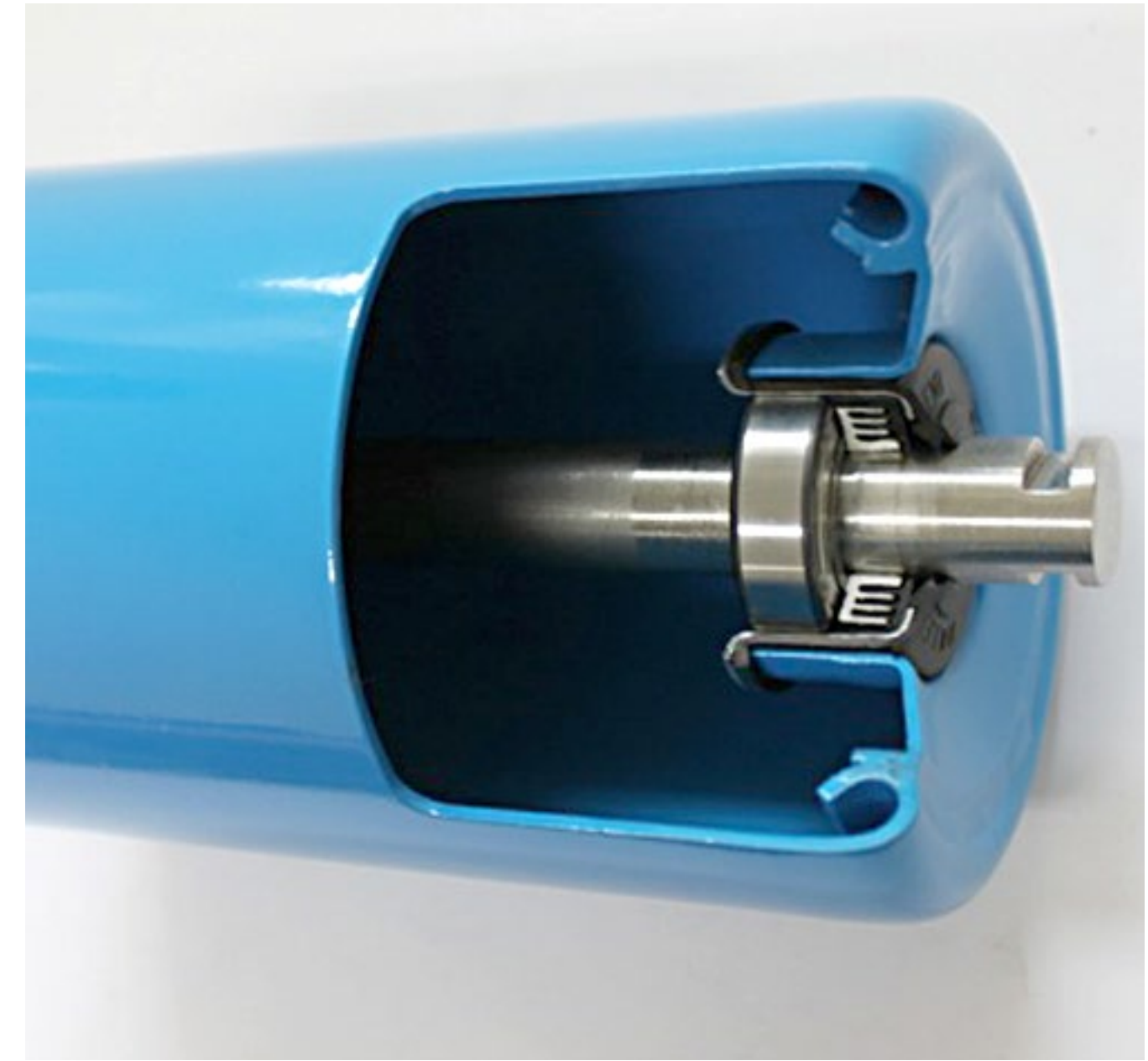
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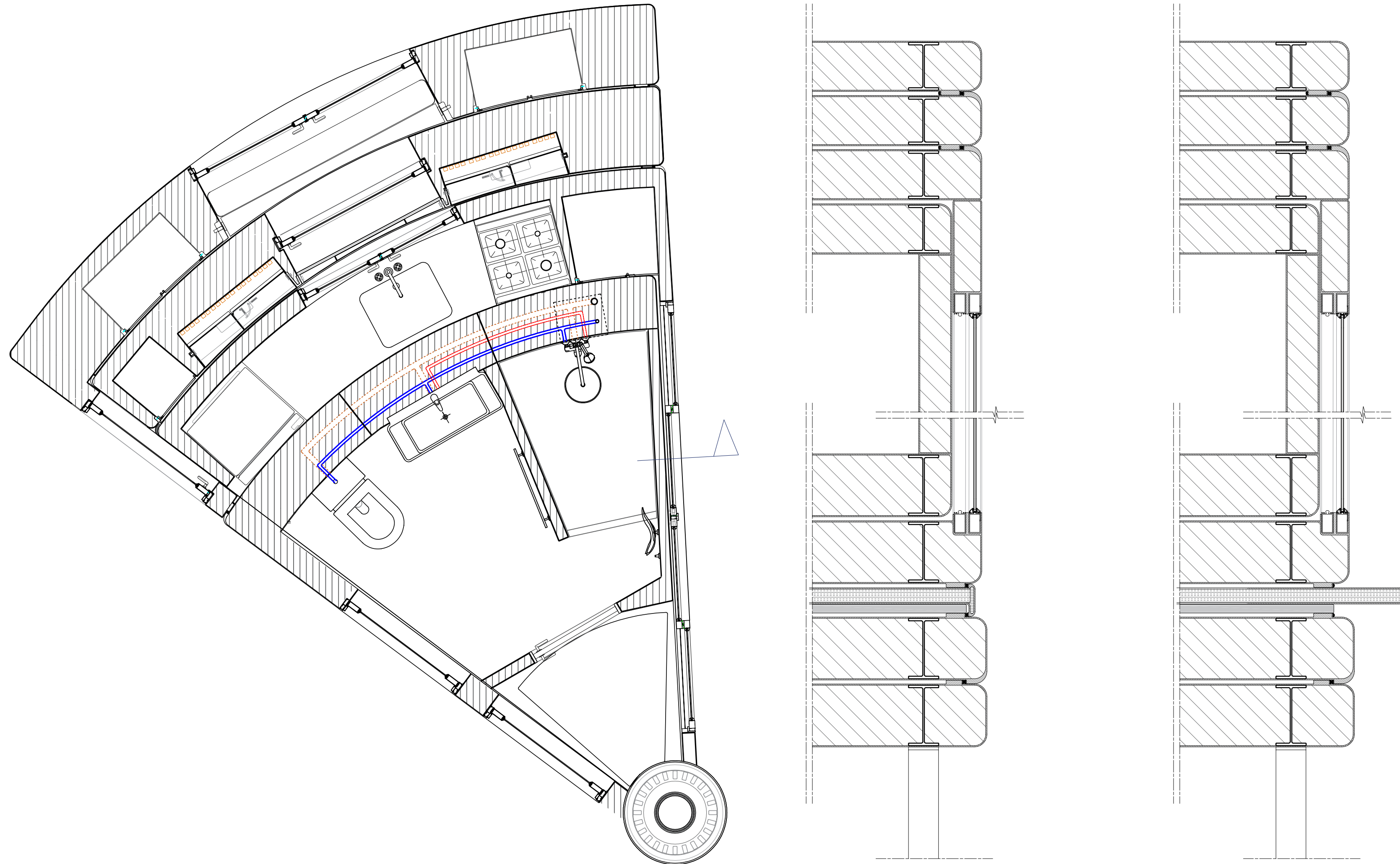
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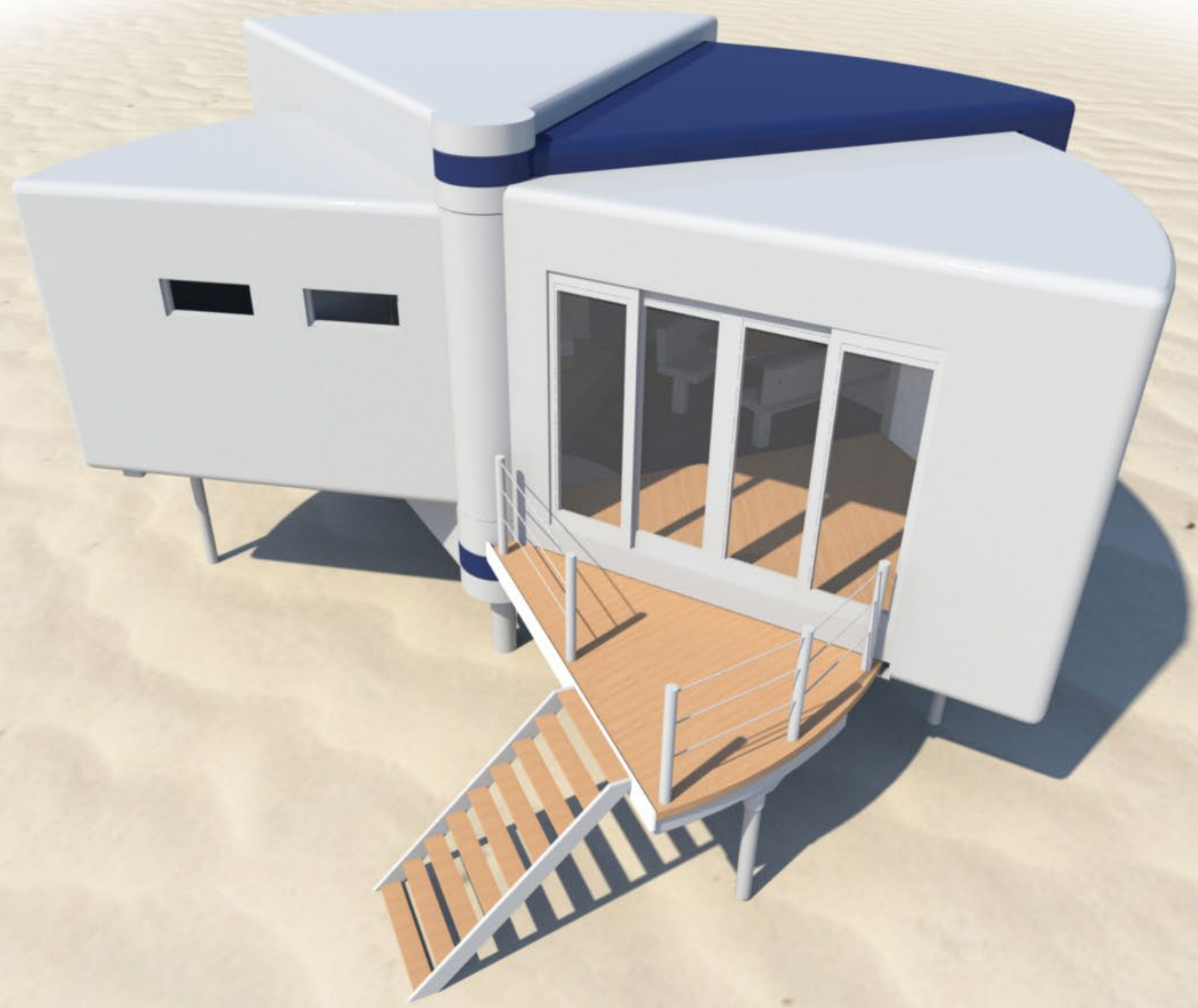
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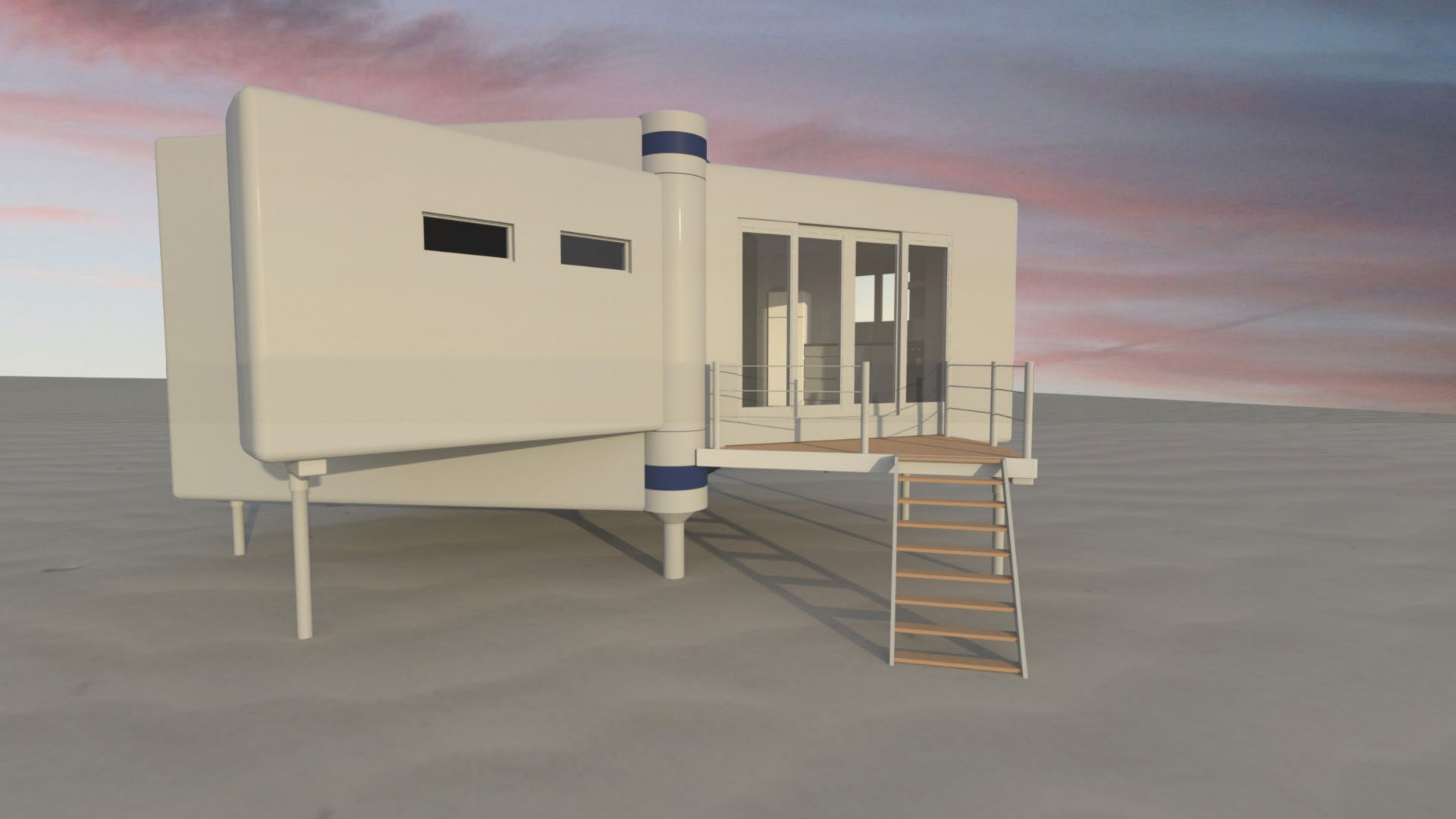


Details



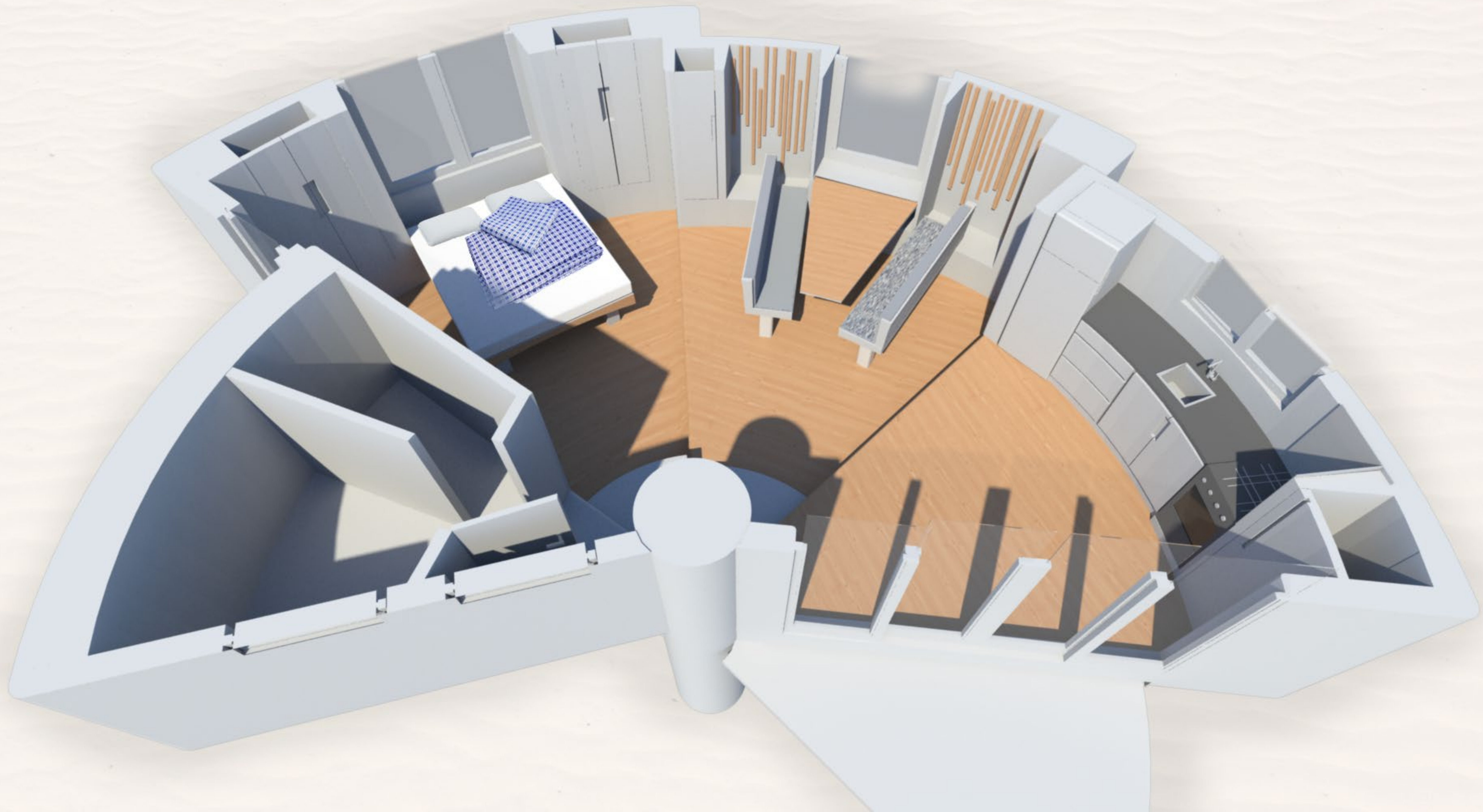




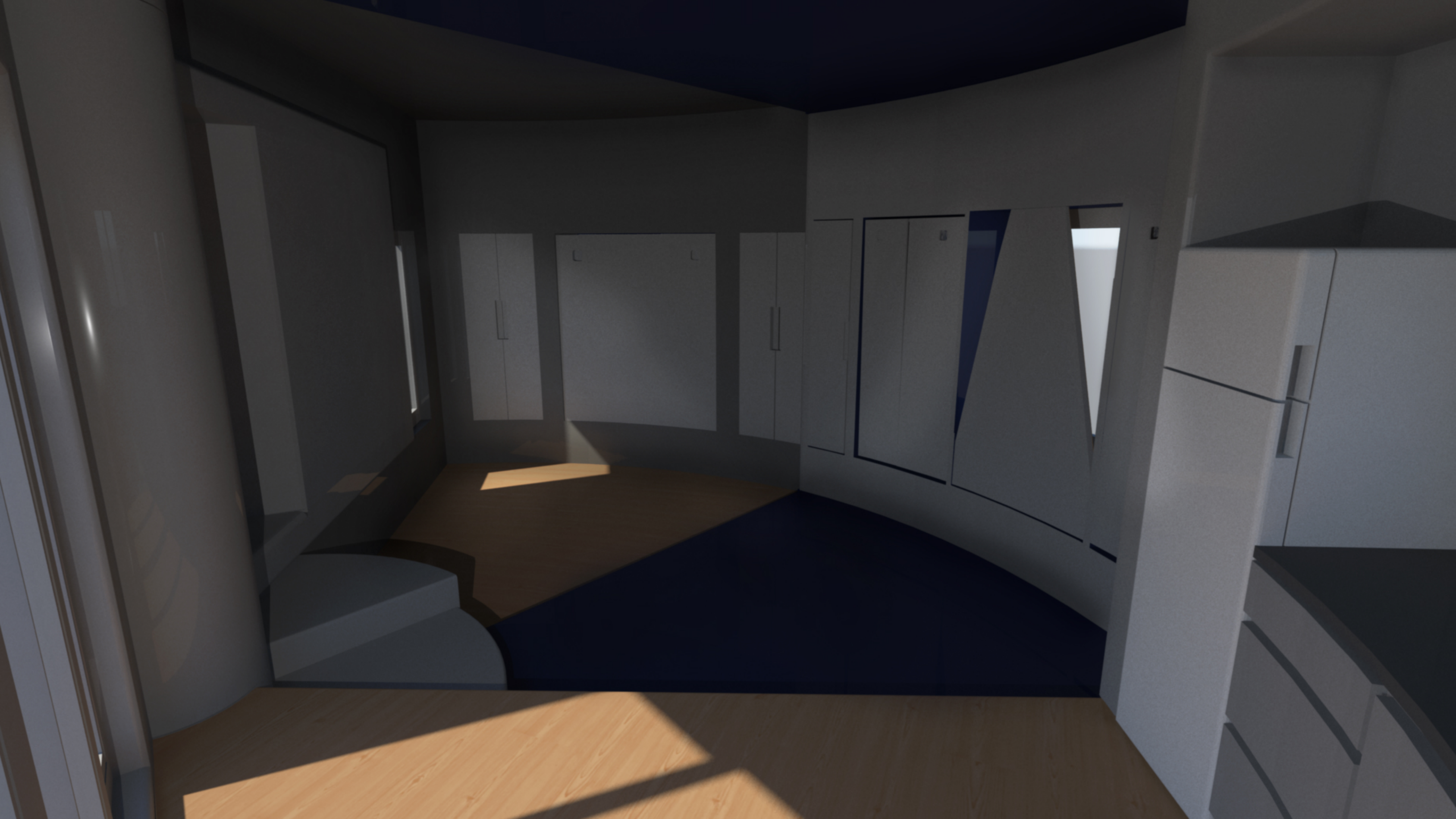


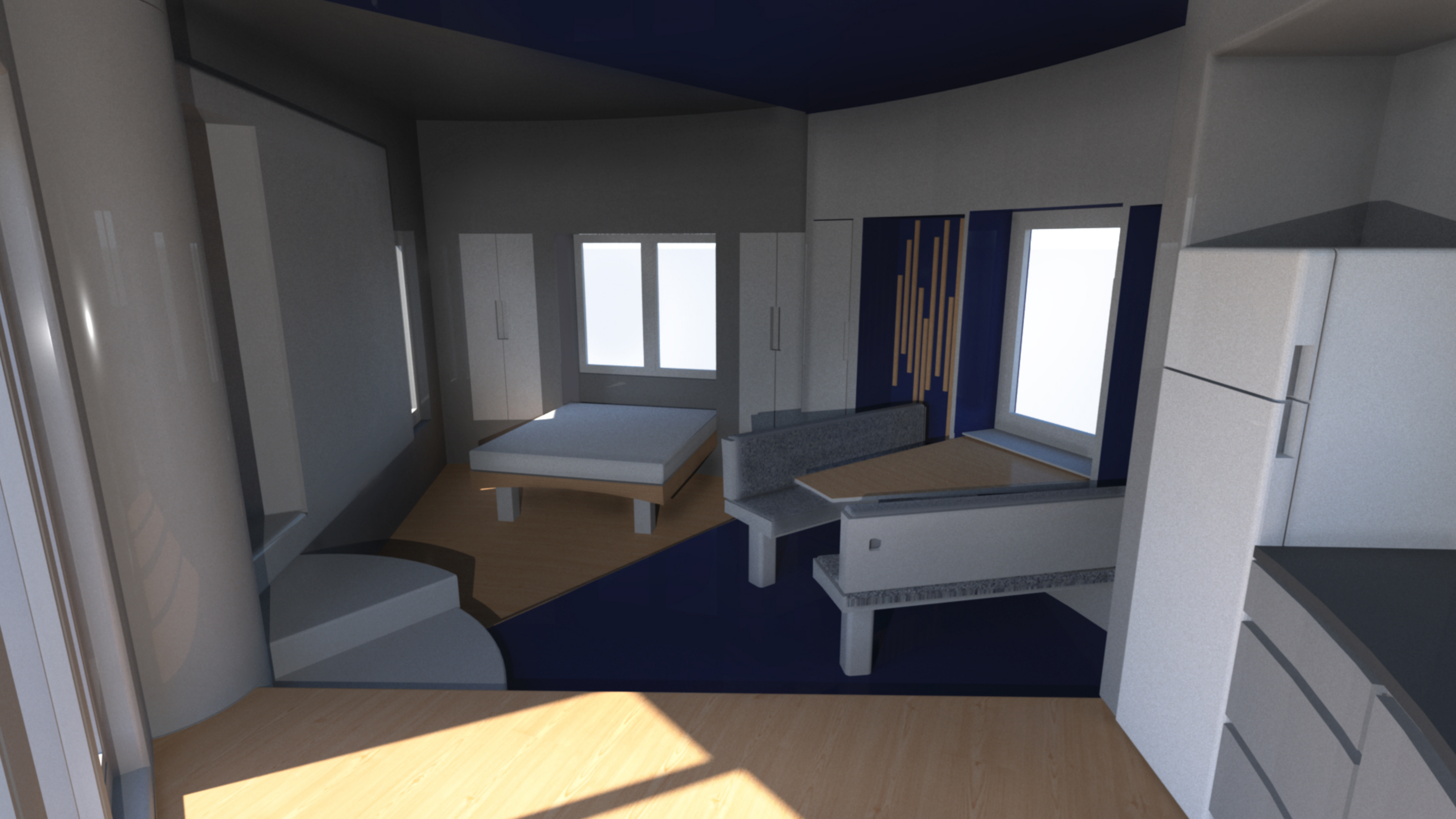


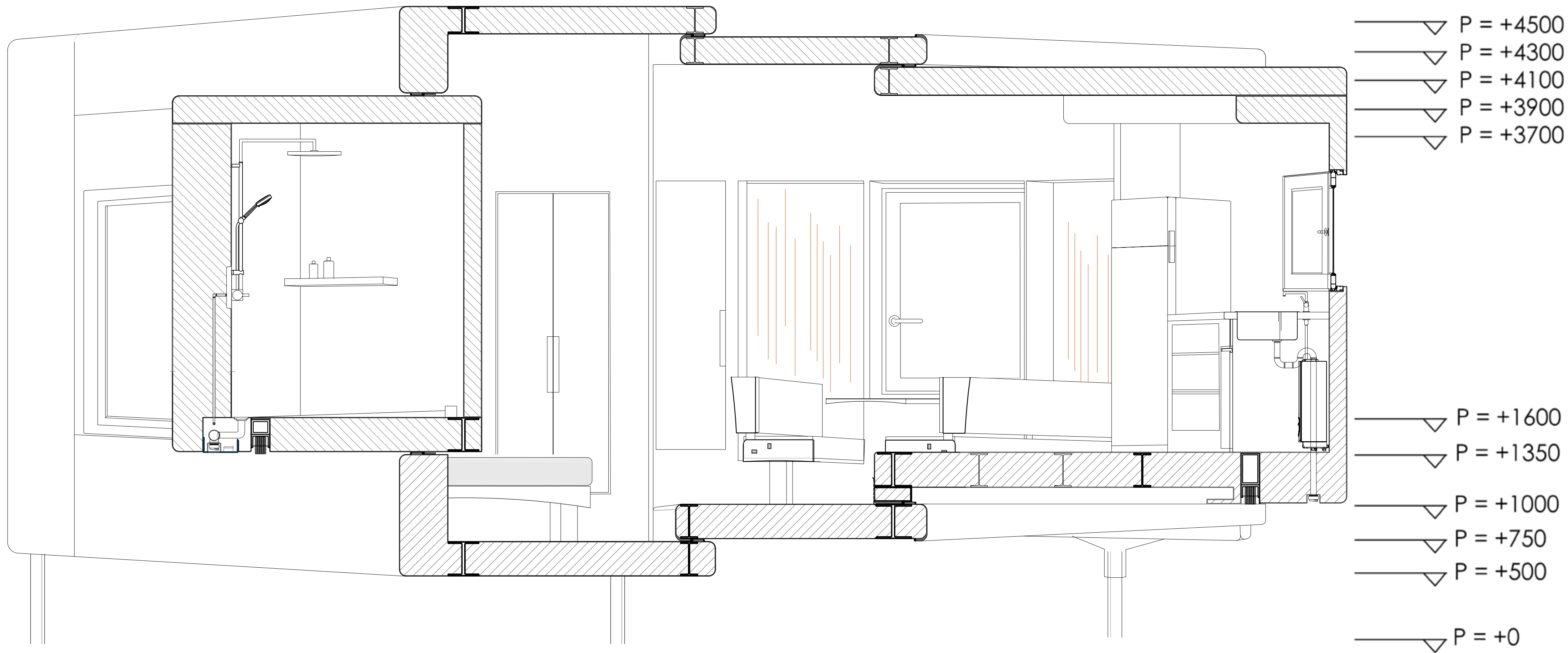
Interne Structuur

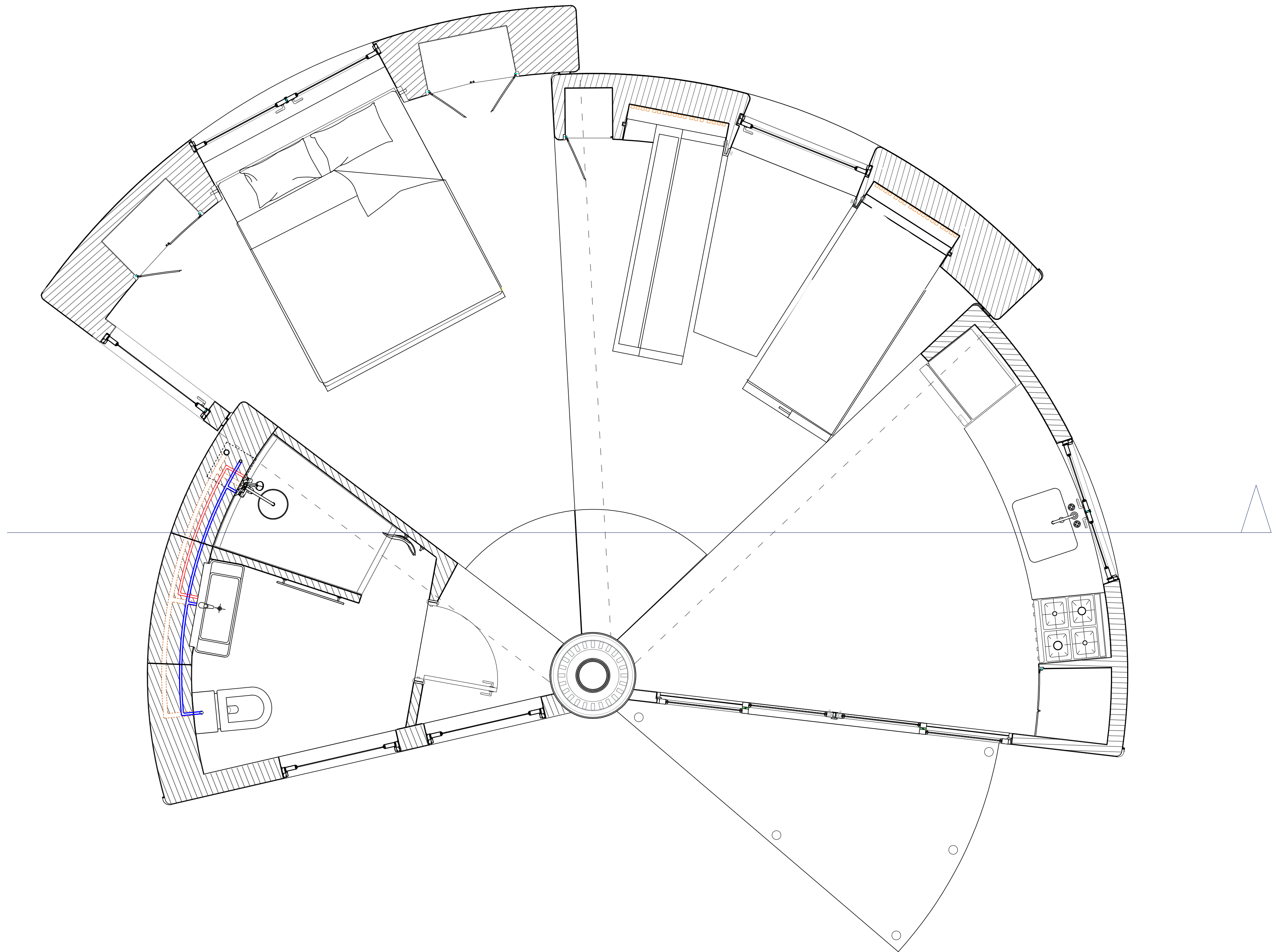


Interne Transformatie Slaapkamer + Woonkamer



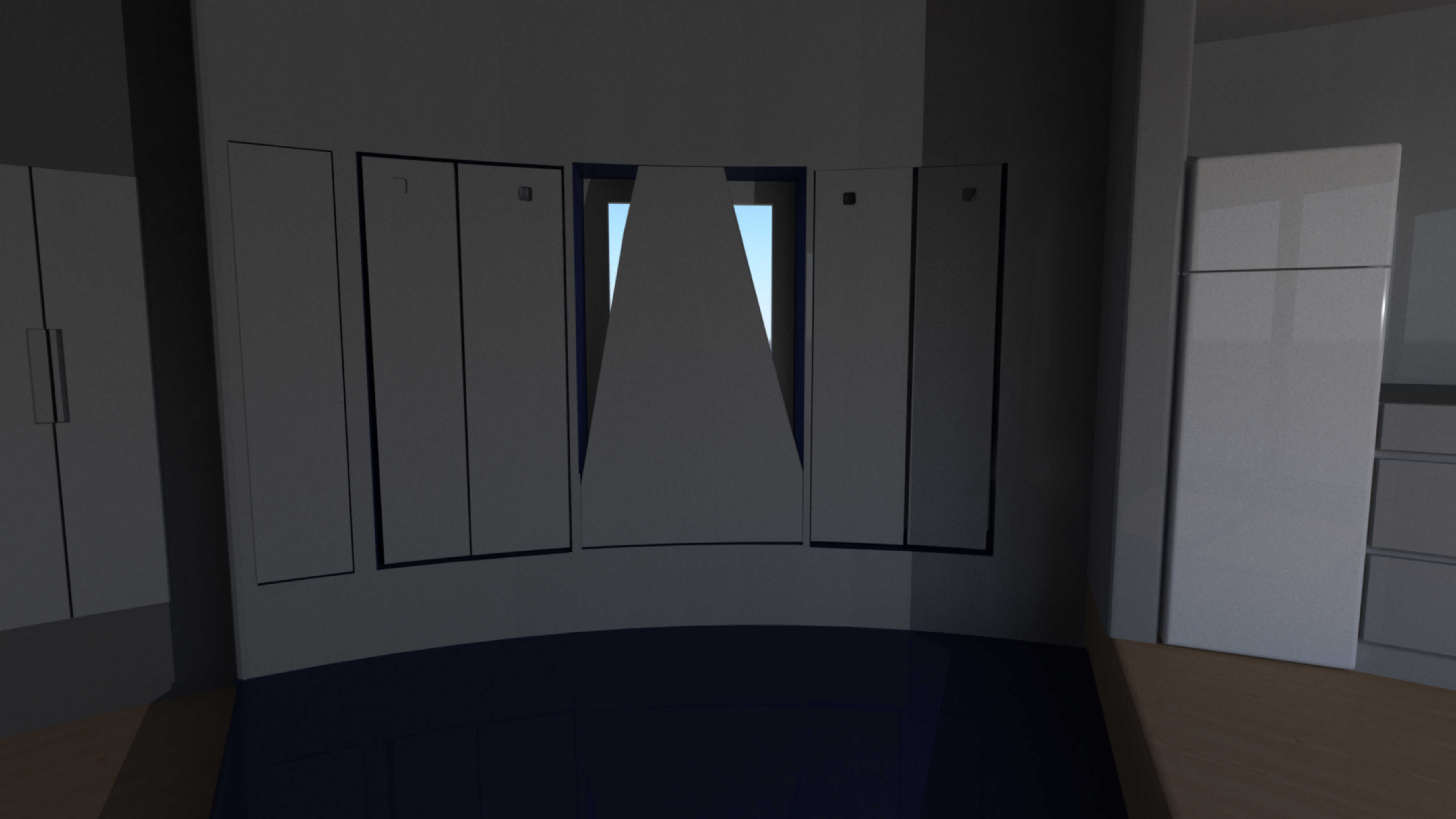


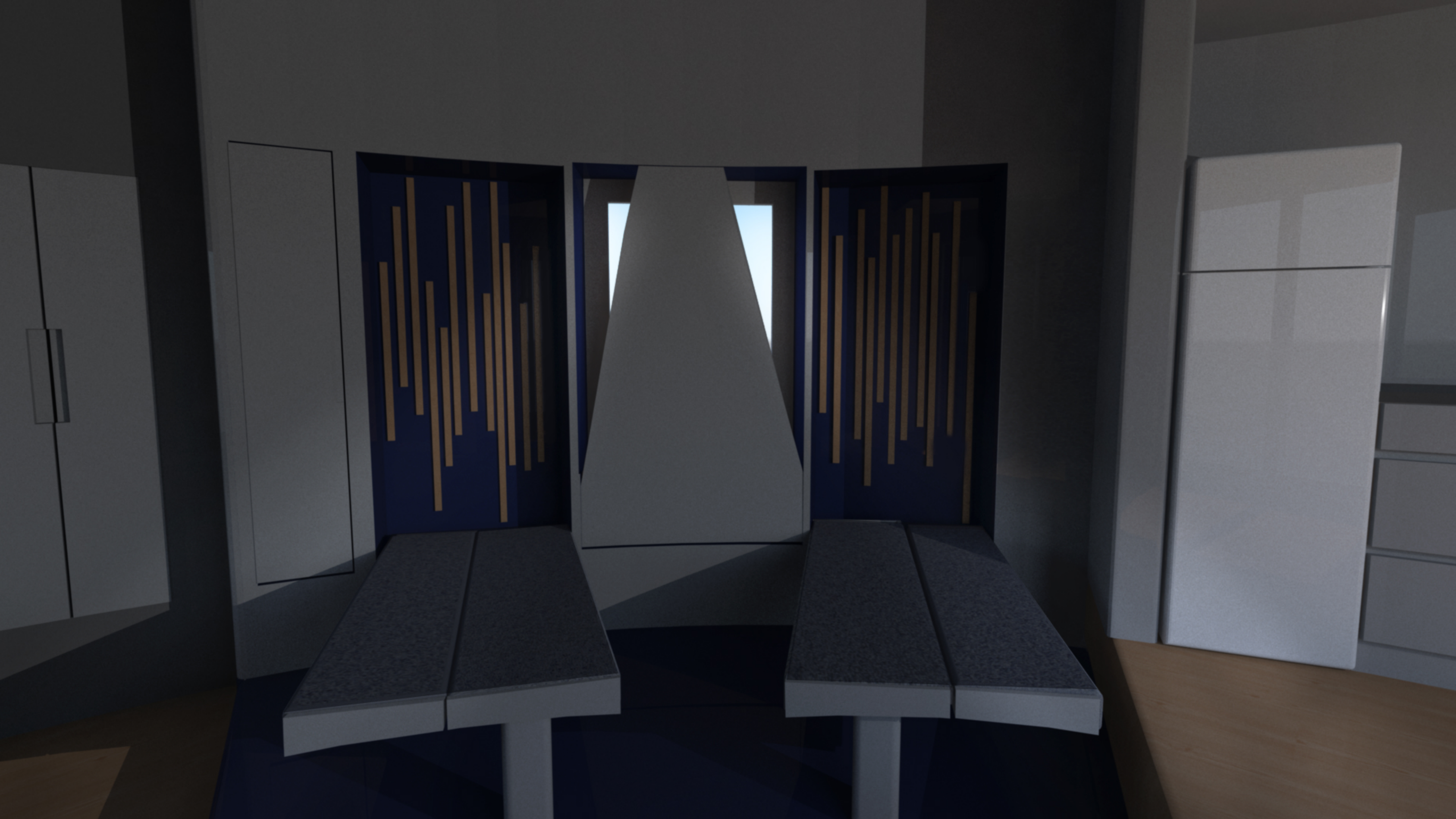






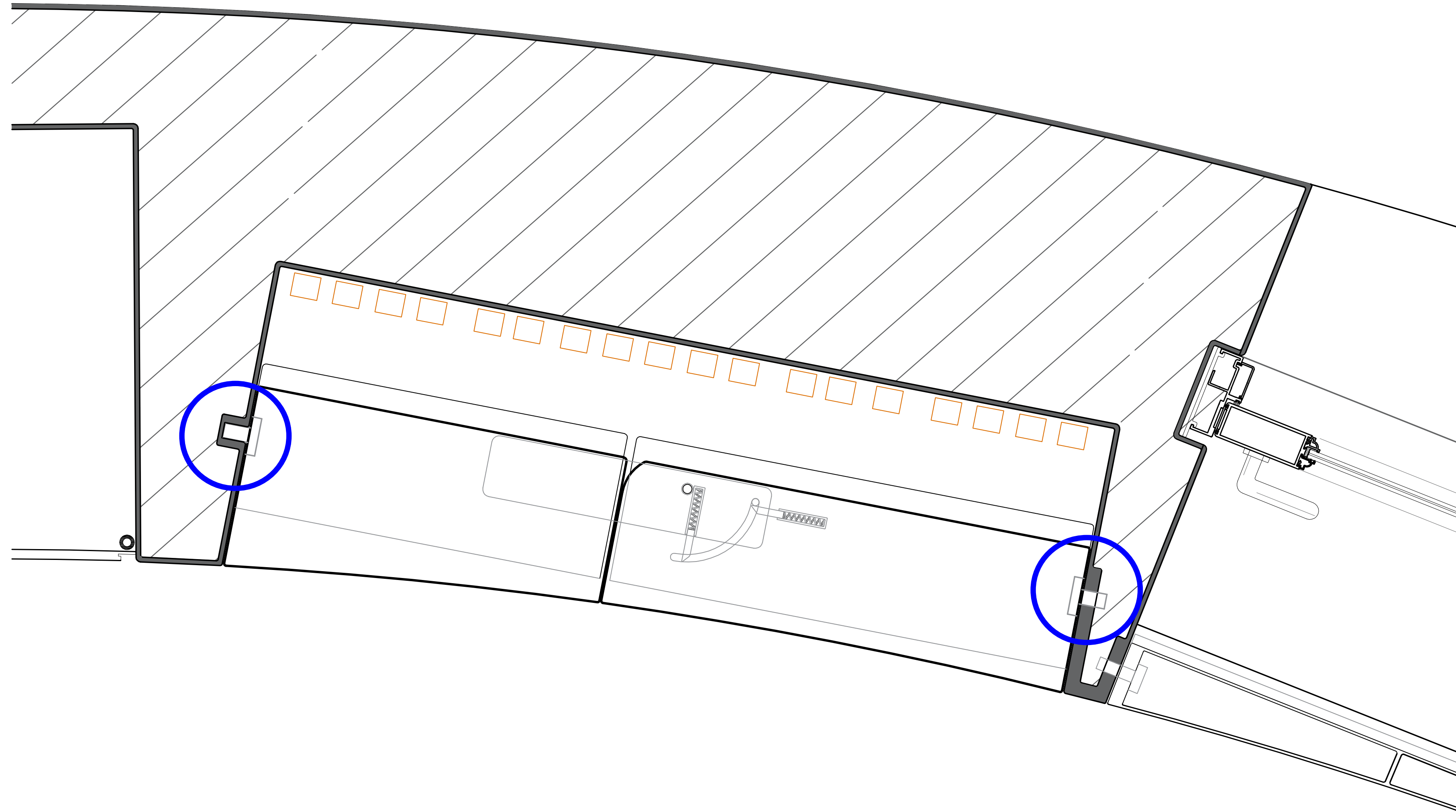
Interne Transformatie Woonkamer



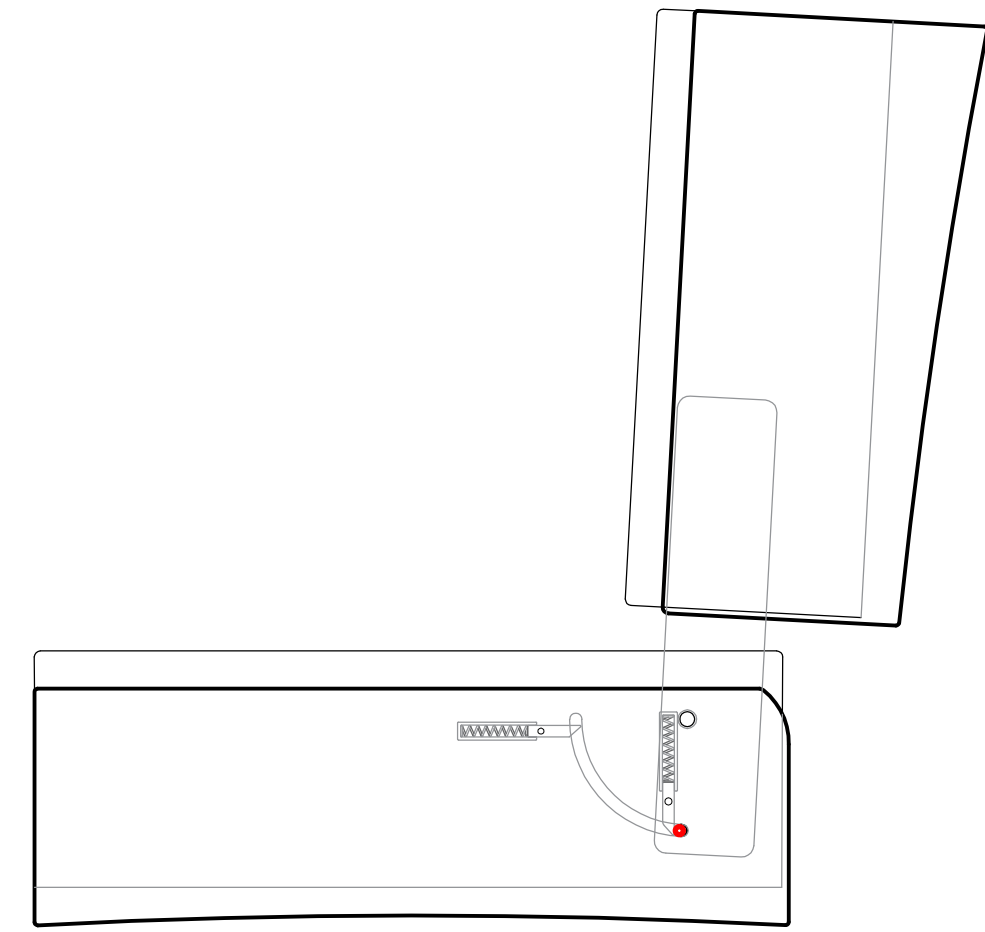
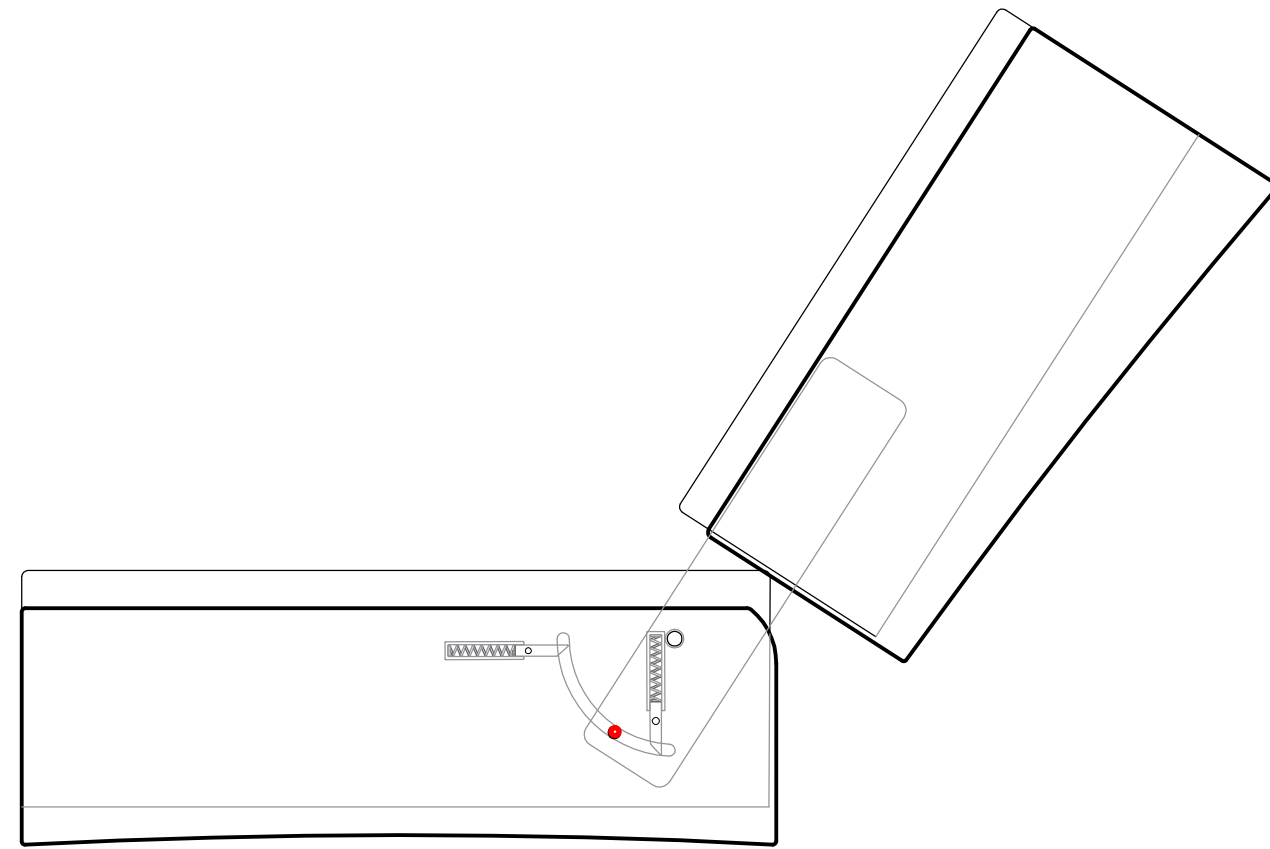
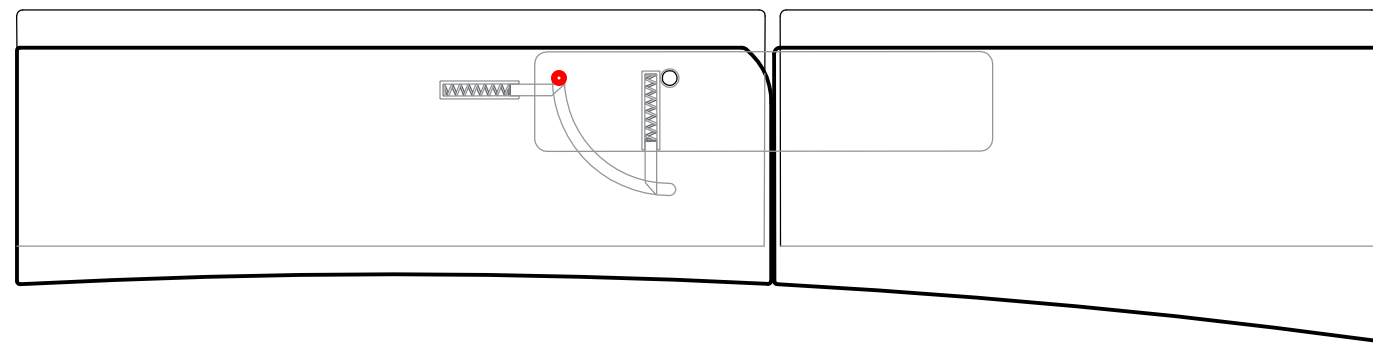




Bank/Bed

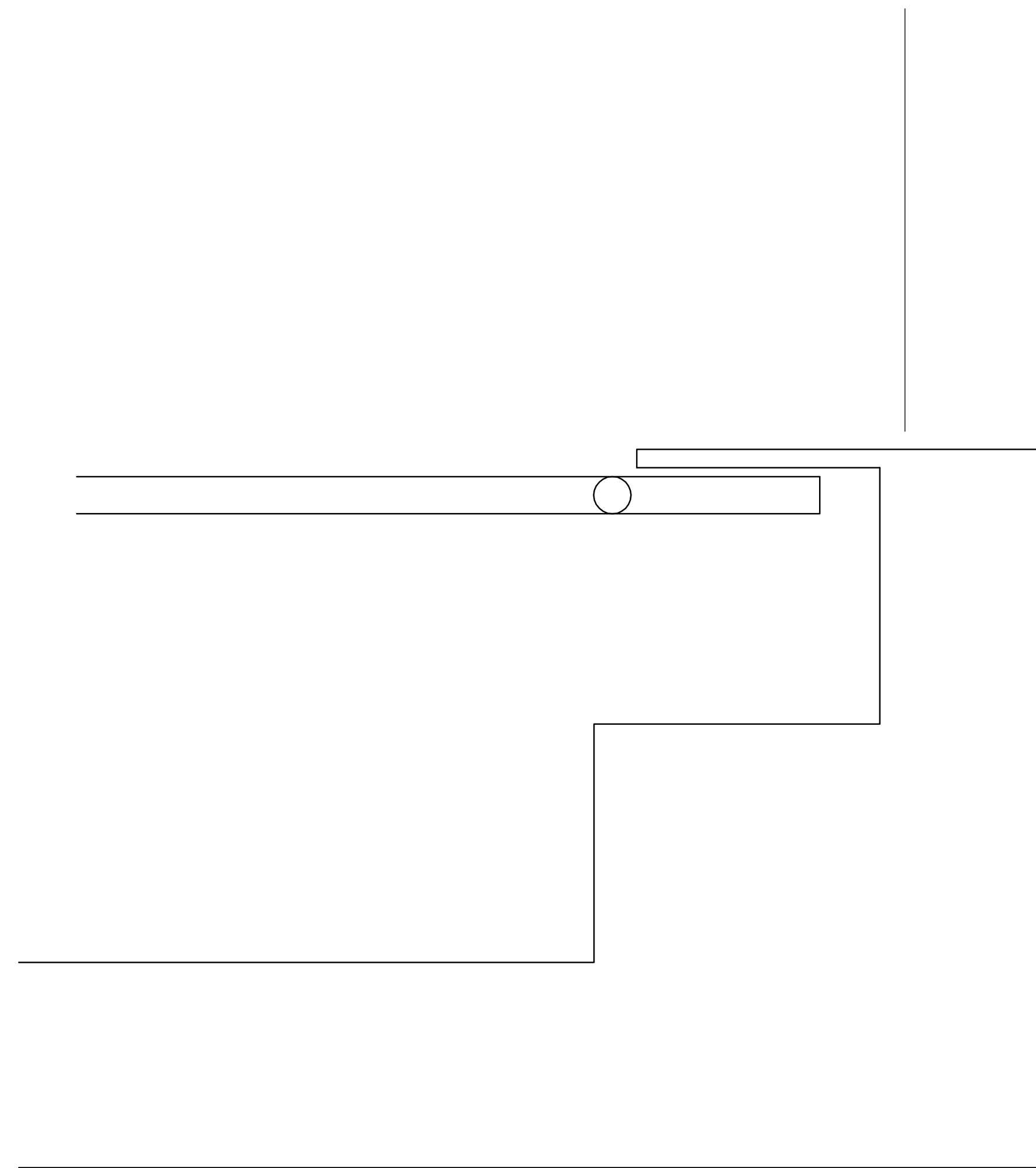
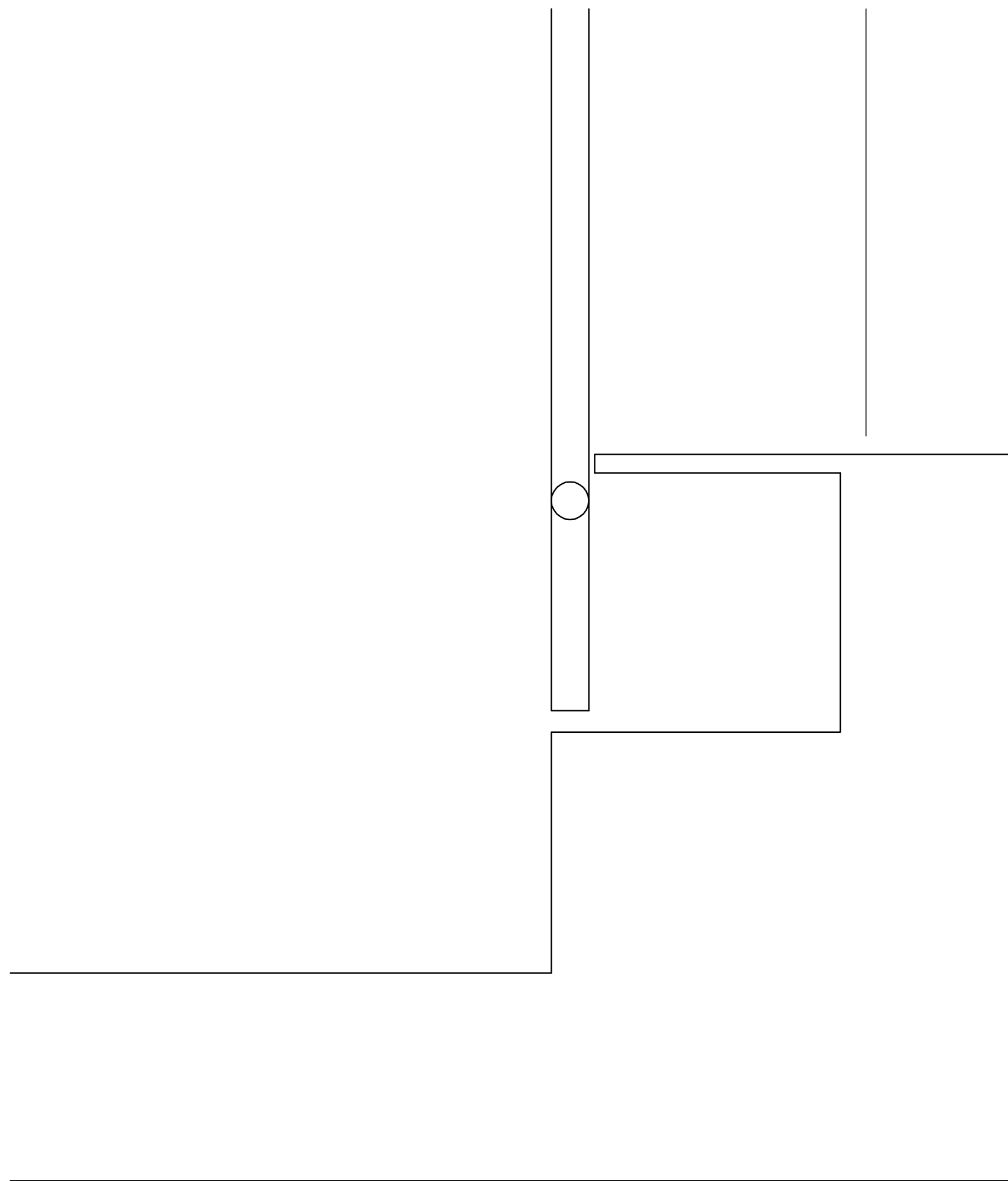


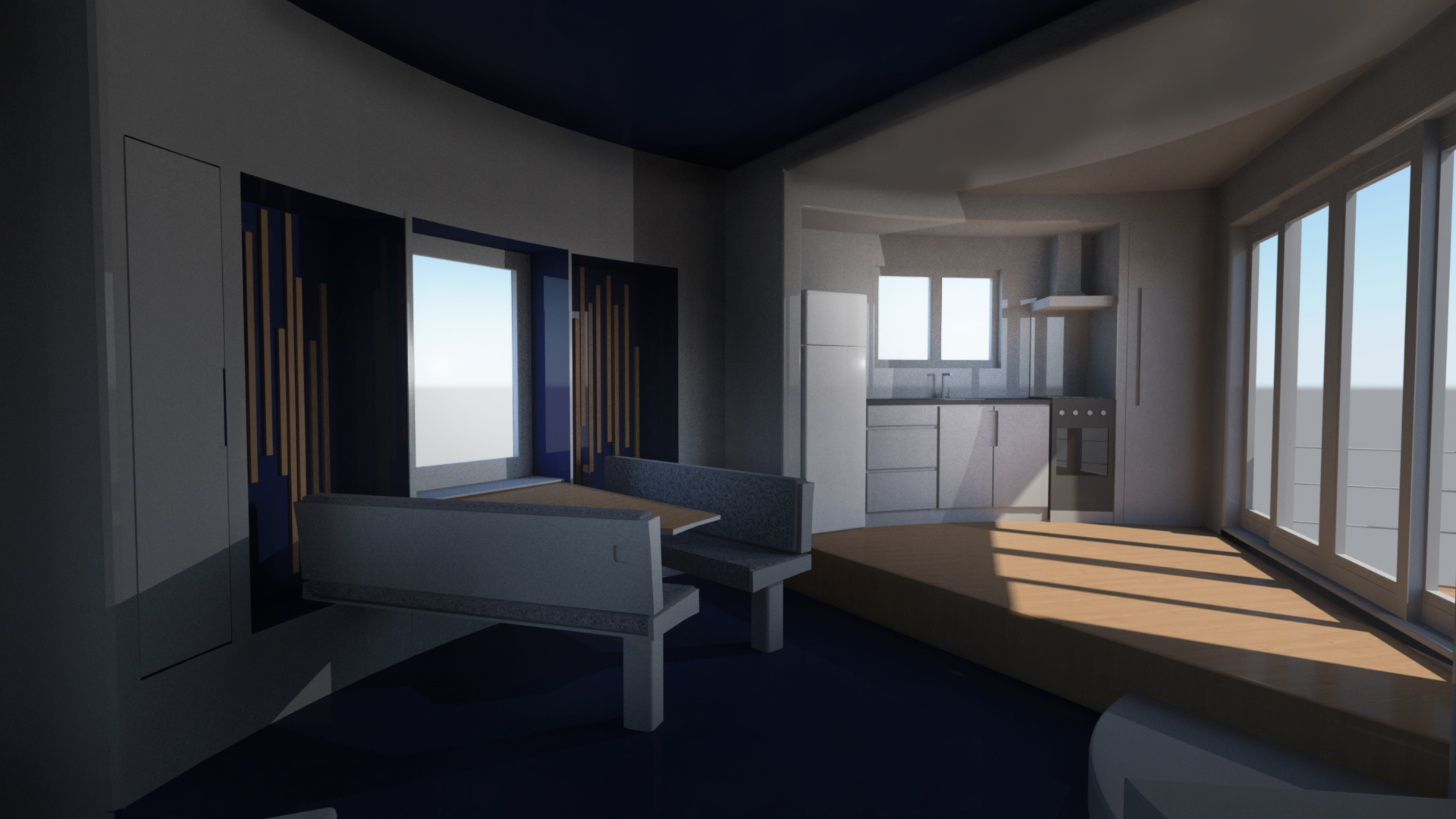
Bank/Bed



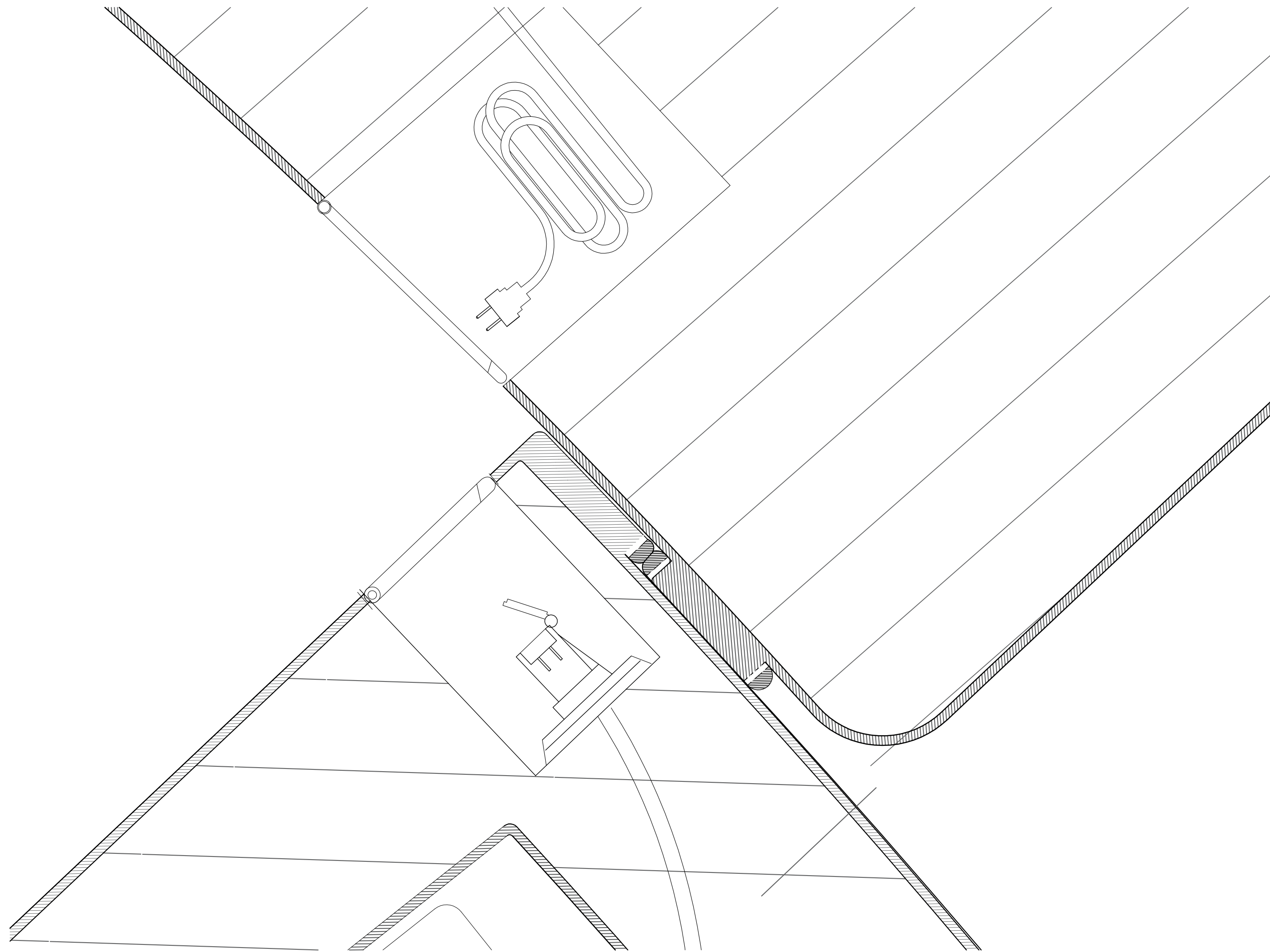


Tafel inklappen





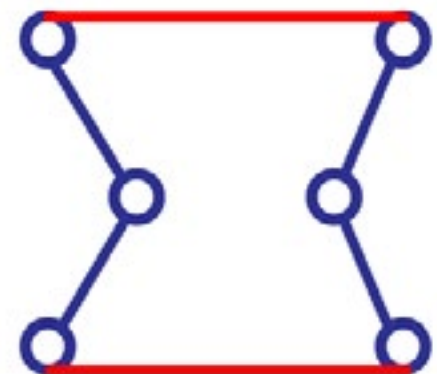
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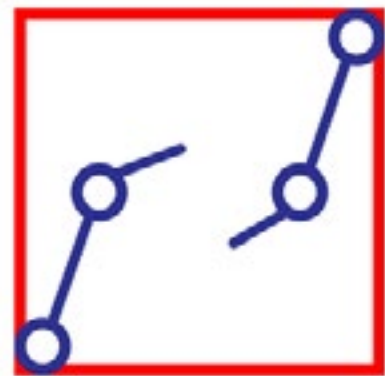
Conclusie

Conclusie

Kinetisch ontwerpen toegepast op meerdere niveaus



Embedded
Kinetic
Structure

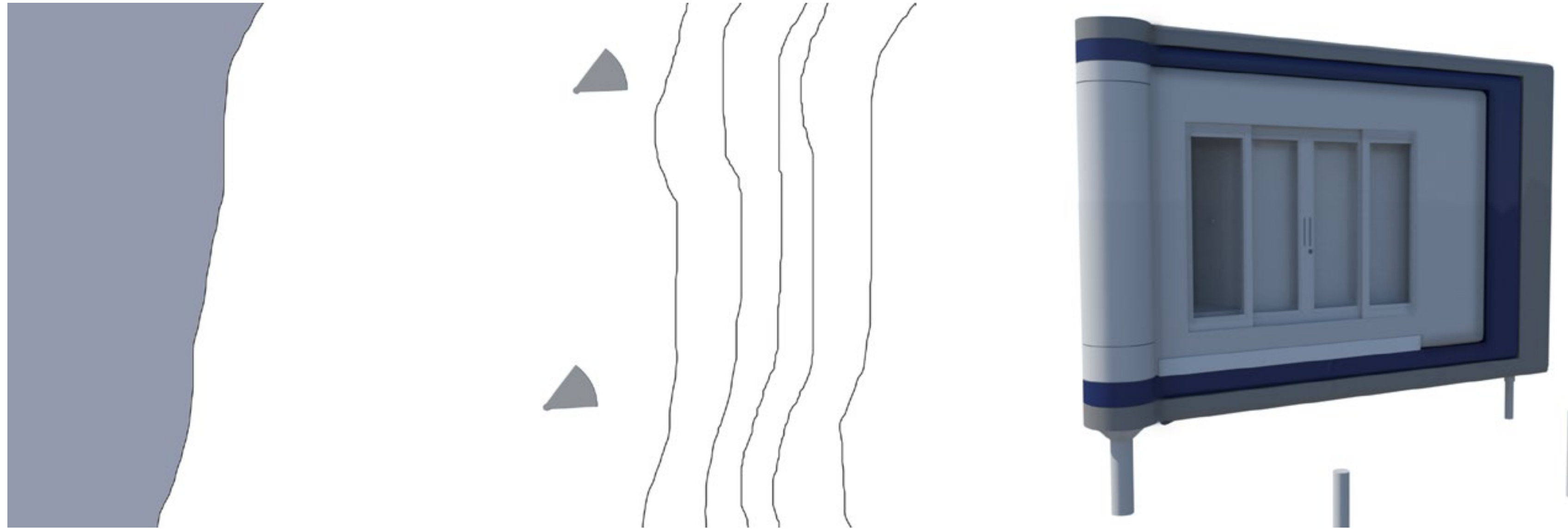


Dynamic
Kinetic
Structure

Spatial
Optimization

Contextual
Adaptability

Conclusie



“Hoe kan kinetisch ontwerpen helpen om een strandhuis te maken dat minder schadelijk is voor de duinen en verder minder kosten met zich meebrengt?”



Vragen?