Belvédère

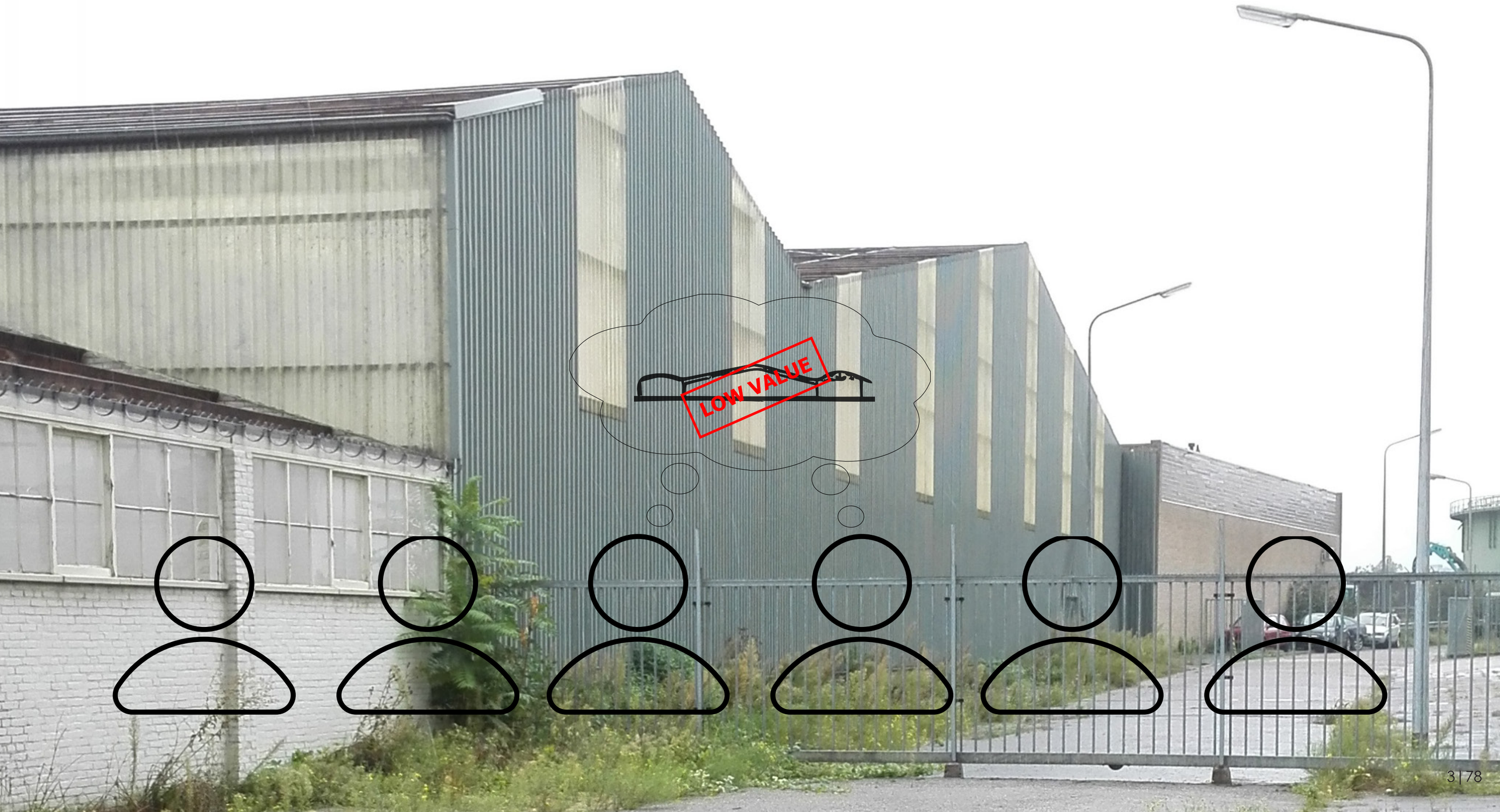
"There is nothing permanent except change."

P4 Presentation

AR4AR100 - Graduation Studio - Maastricht Belvédère

Henriët van der Ploeg - 4164148

6-12-2016


LOW VALUE

What is reuse of industrial sheds on industrial terrains in transition in current urban development areas?

Content

Introduction

Research

General context — Industrial terrains

Industrial sheds

Case study — Houthandel de Maas

Research by design

Site — Deconstruction - Modification

Combination

Design

Building — Layers

Conclusion

Reflection — Method

General Problem

Research

General RQ

General context

Location

Industrial terrains

Building

Industrial sheds

Specific case

Location

Vredestein, Maastricht

Building

Houthandel de Maas

Shearing layers

Reduce

Reuse

Recycle

Research by design

Location

Deconstruction

Modification

Design

Building

Combination

Layers

Structure

Site

Material

Community

Form

Use

Evaluation

General Problem

Research

General RQ

General context

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Combination

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Structure

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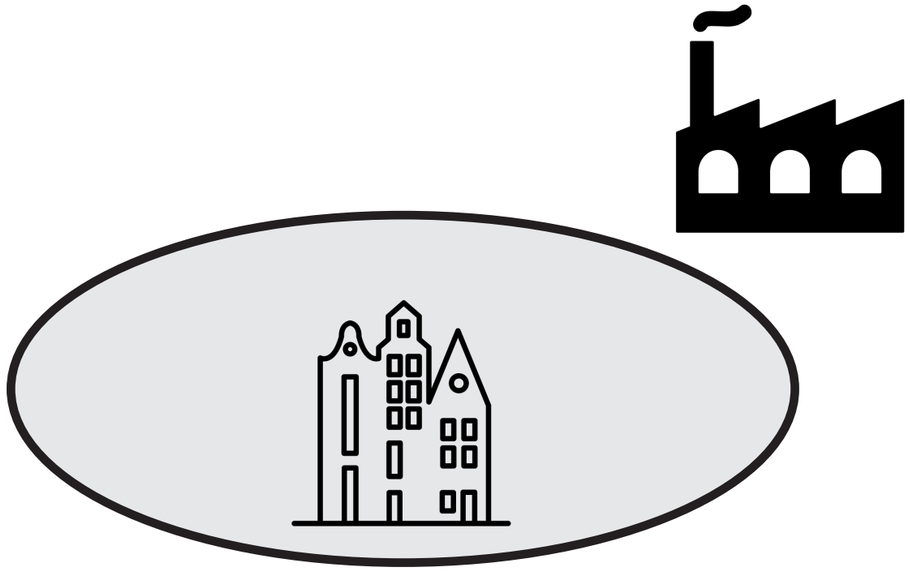
Community

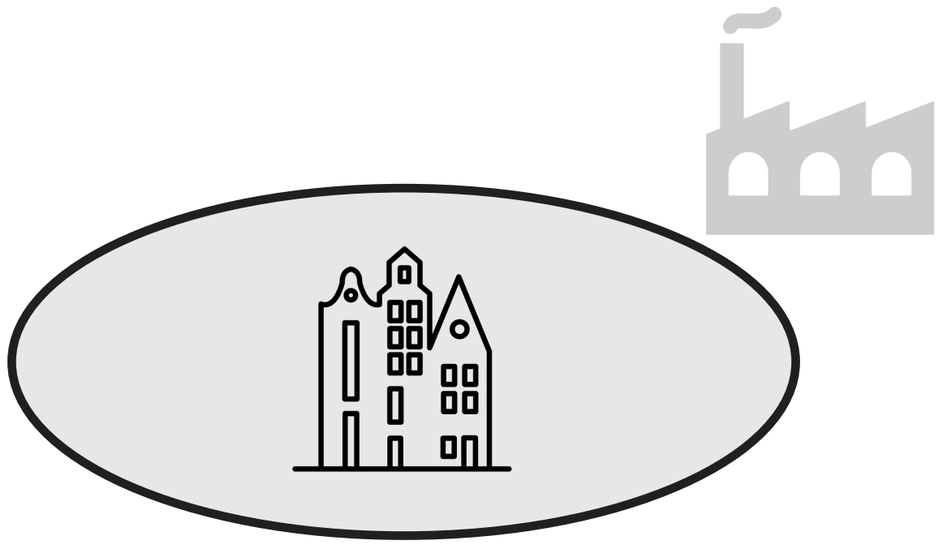
Form

Use

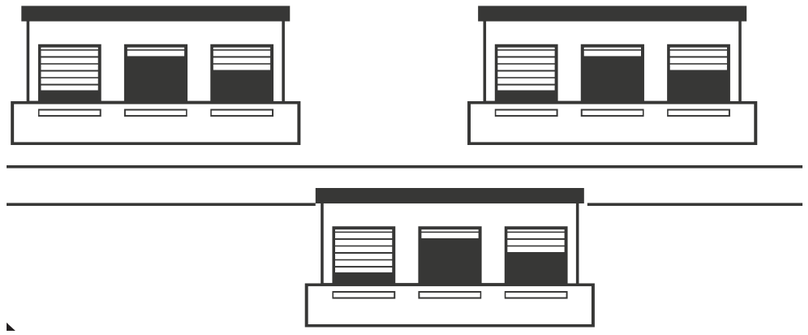
Evaluation



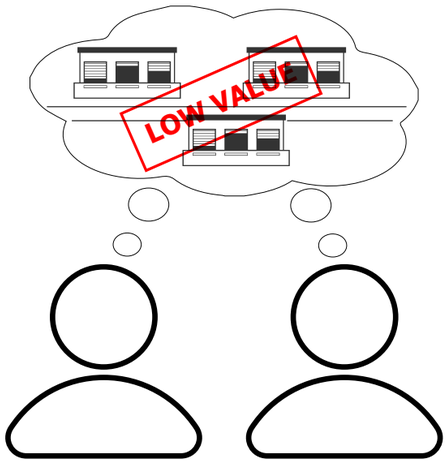
Industrial areas

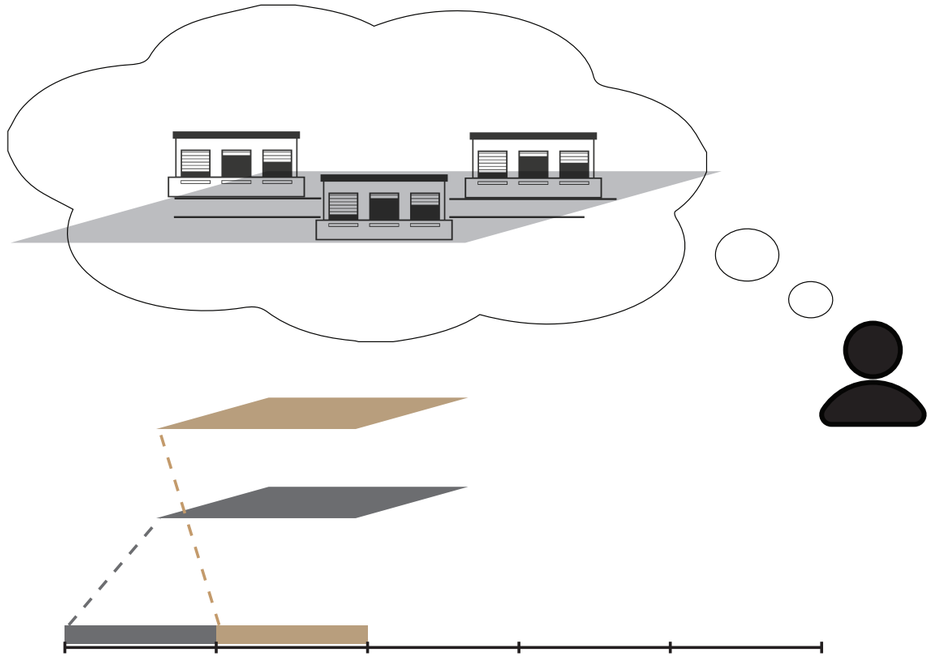


Lose their function

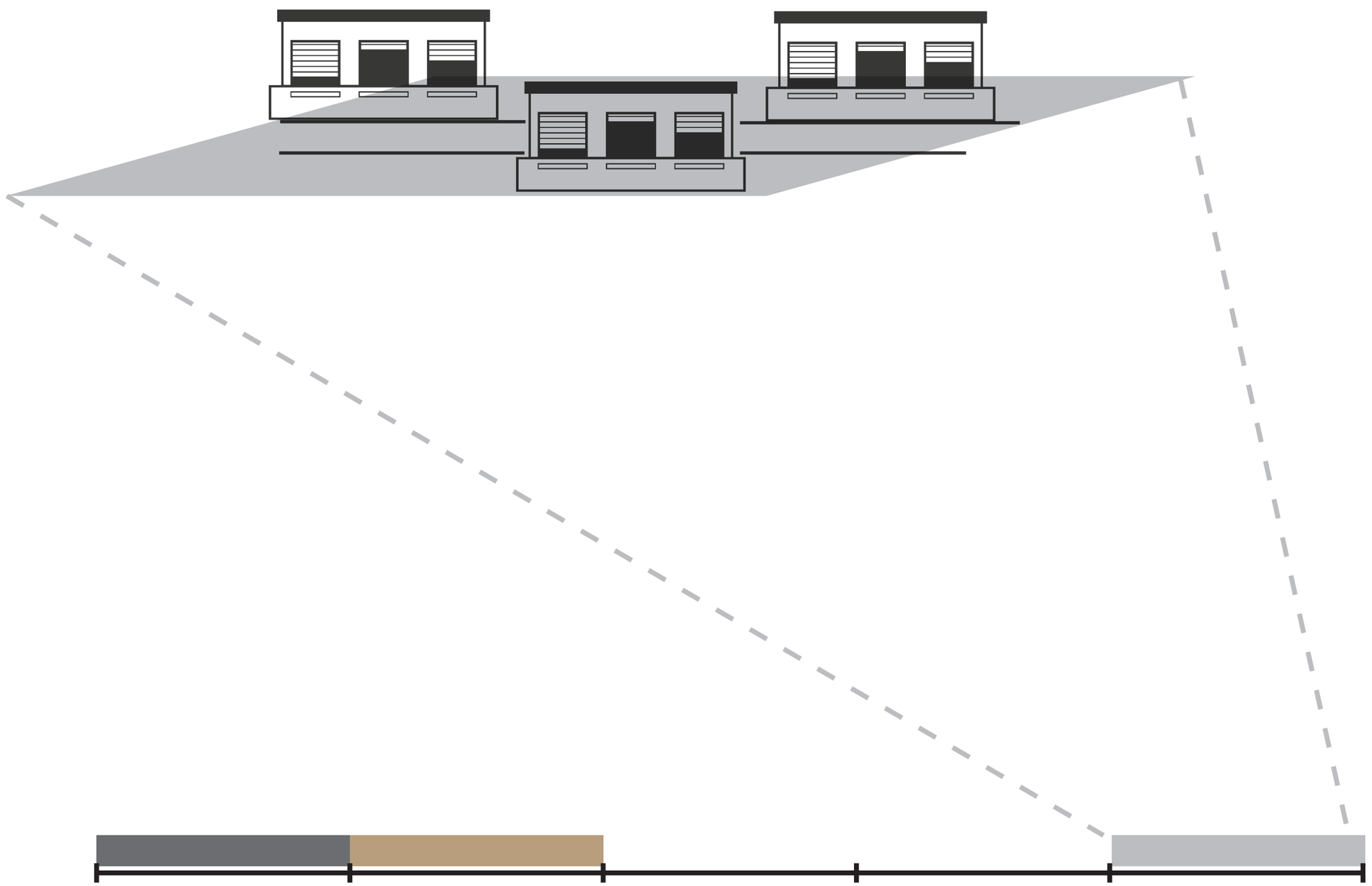


Functional design

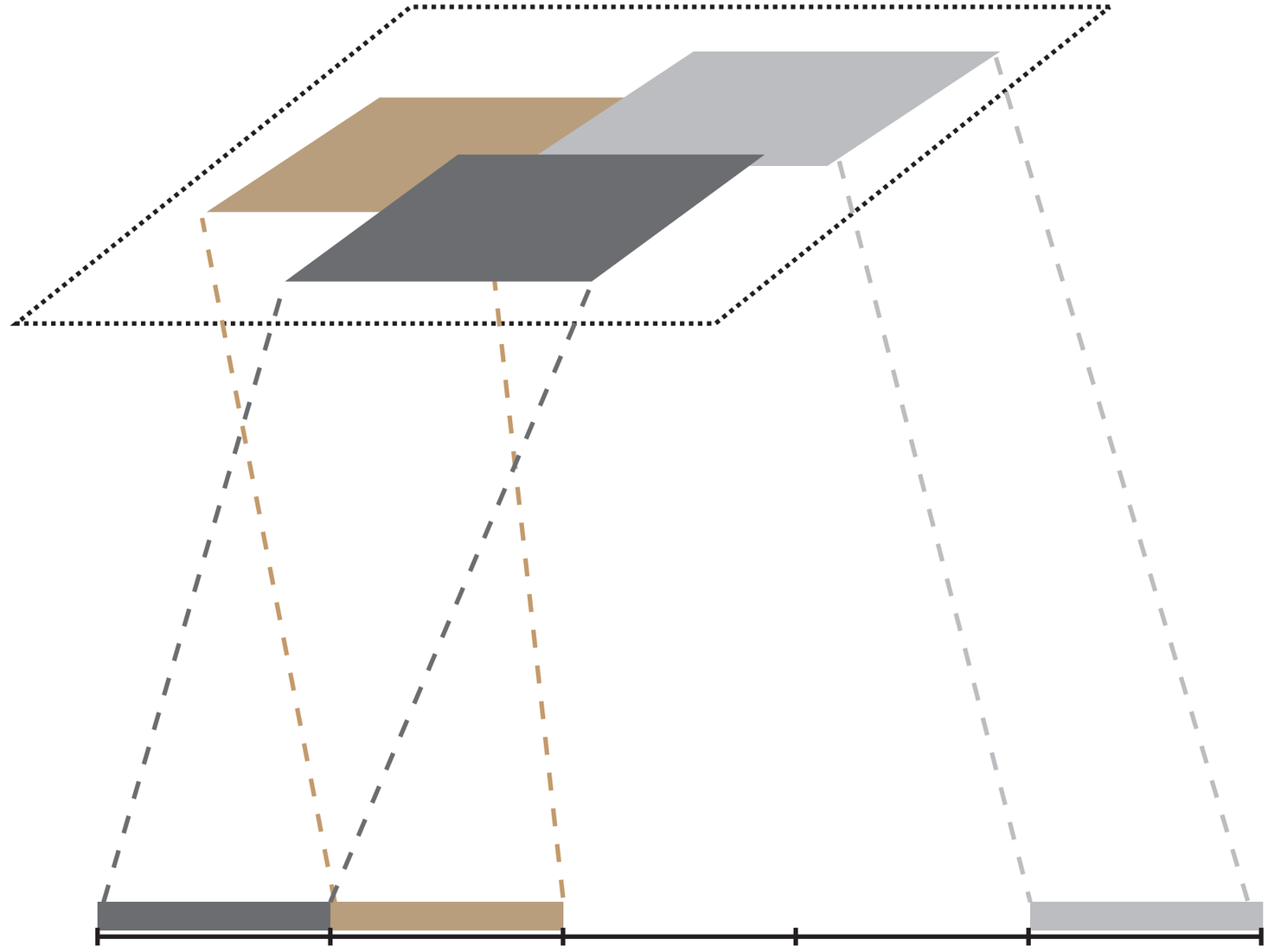




Dominates *genius loci*

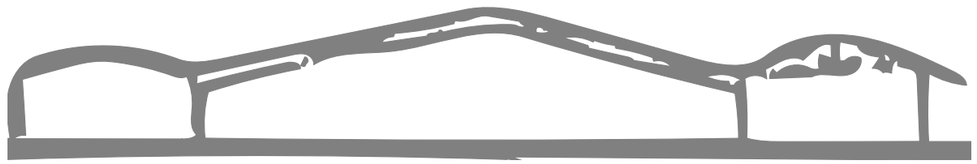


Representation of a part of history

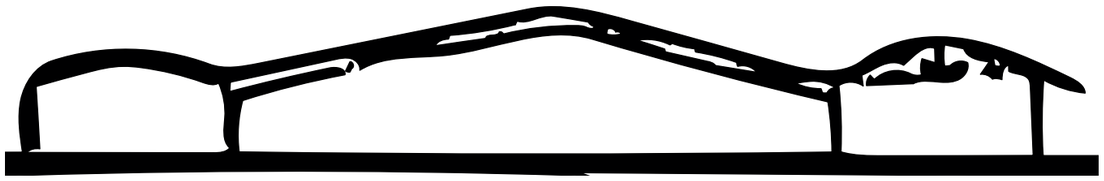


Combining historic layers

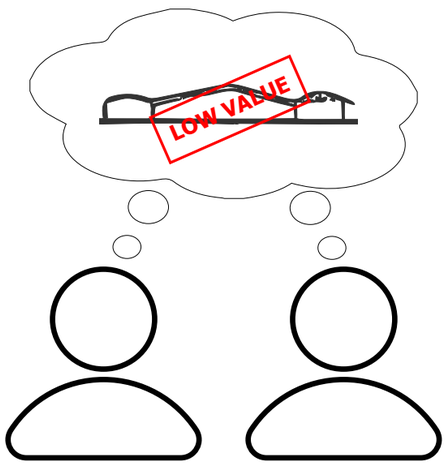
Functional buildings

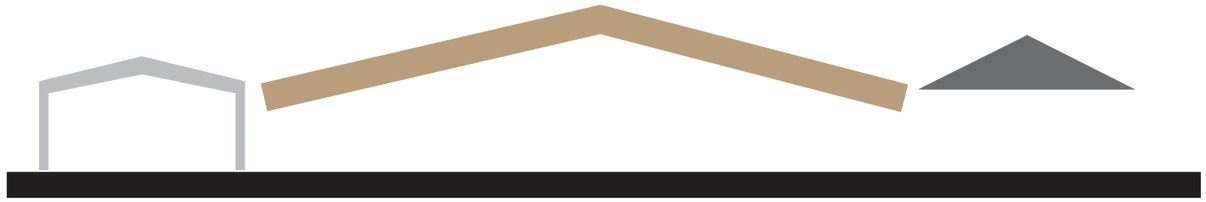


Lose their function

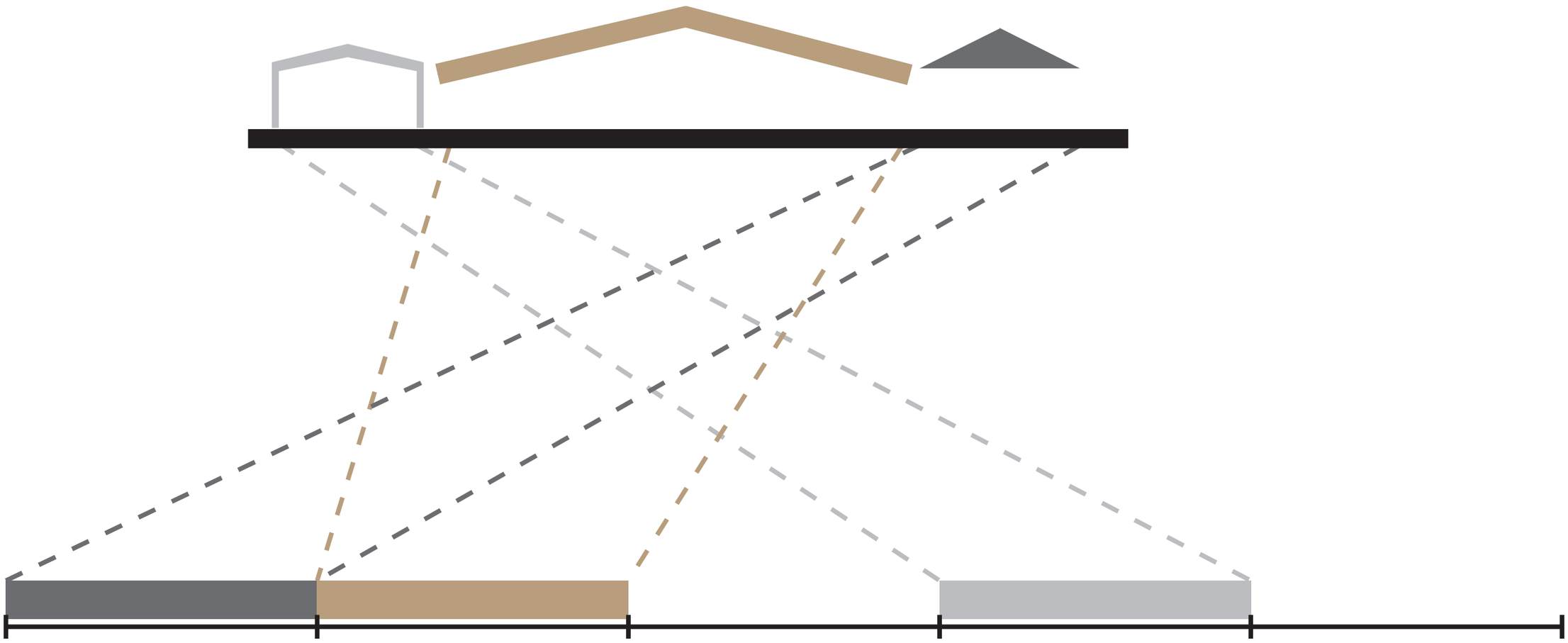


No architectonic qualities





Cheap material



Temporariness

Shearing Layers
according to Stewart Brand

Site as most permanent

What is reuse of industrial sheds on industrial terrains in transition in current urban development areas?

Combination of layers

General Problem

Research

General RQ

General context

Location

Industrial terrains

Building

Industrial sheds

Specific case

Location

Vredestein, Maastricht

Building

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Shearing layers

Reduce

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Research by design

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Use

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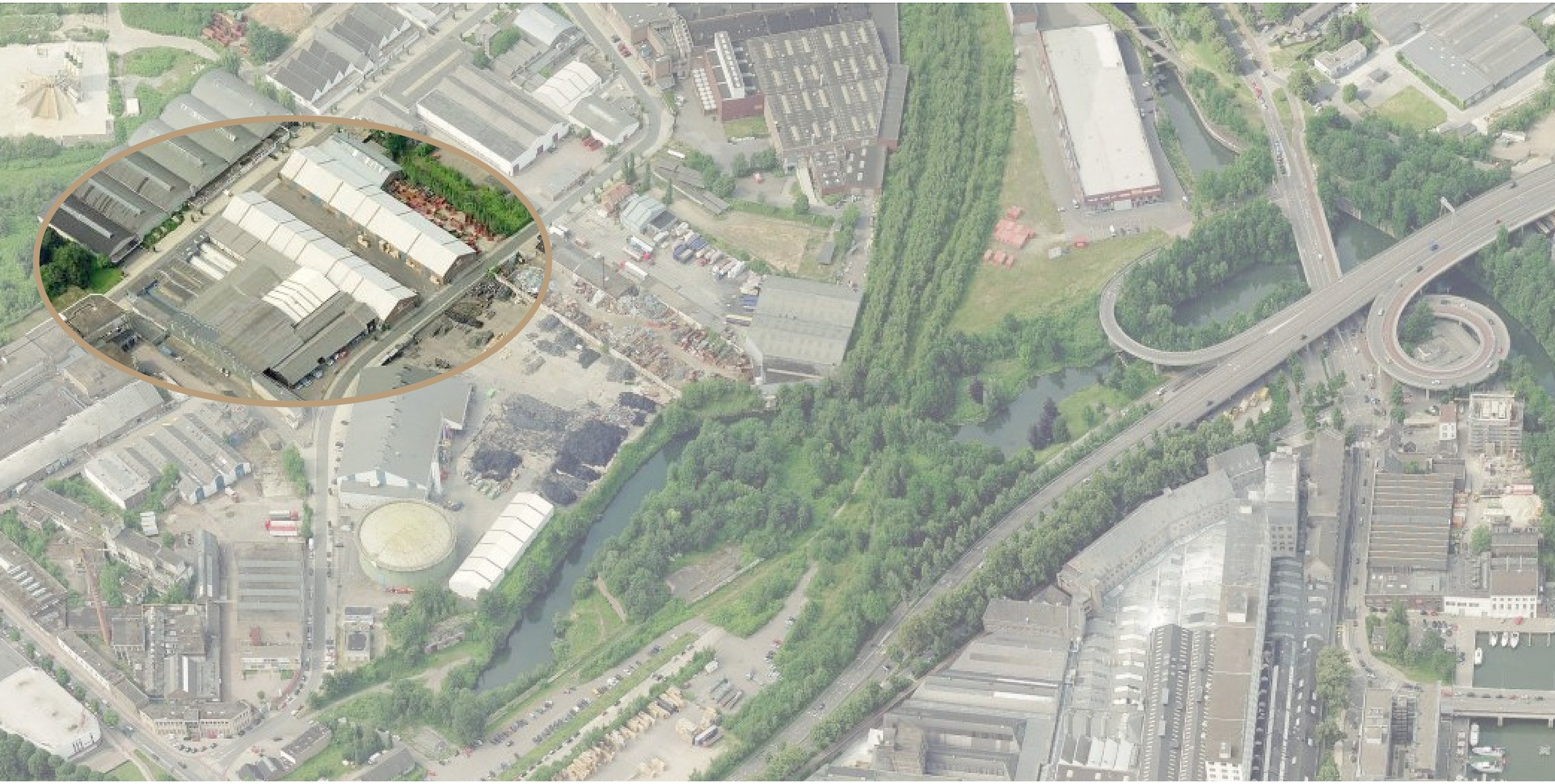
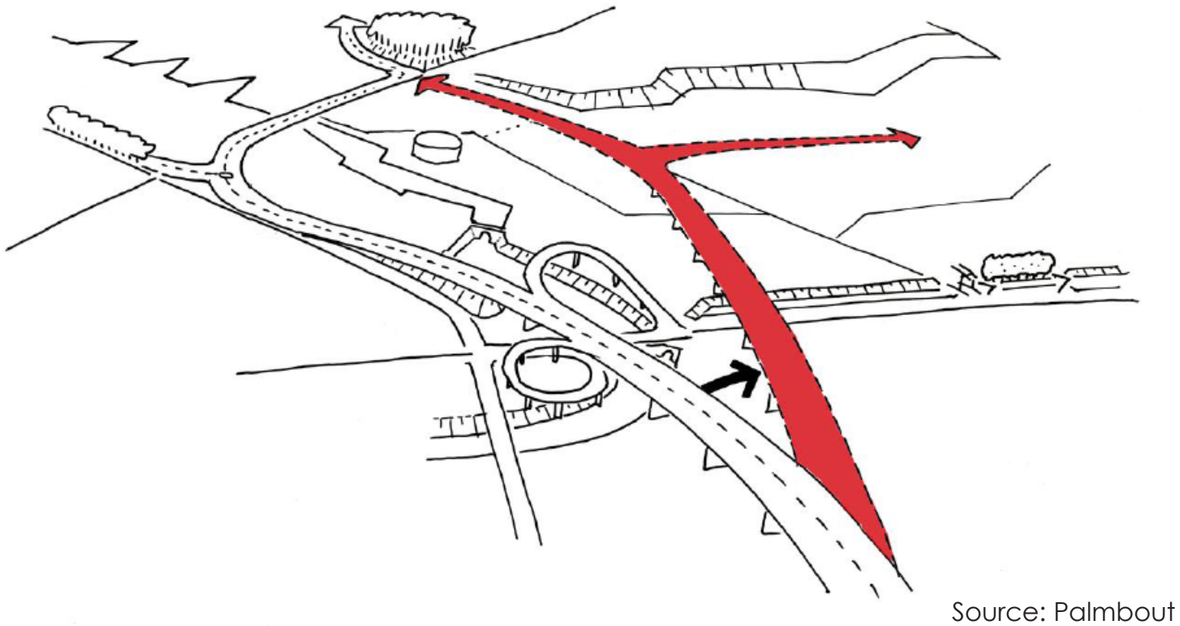
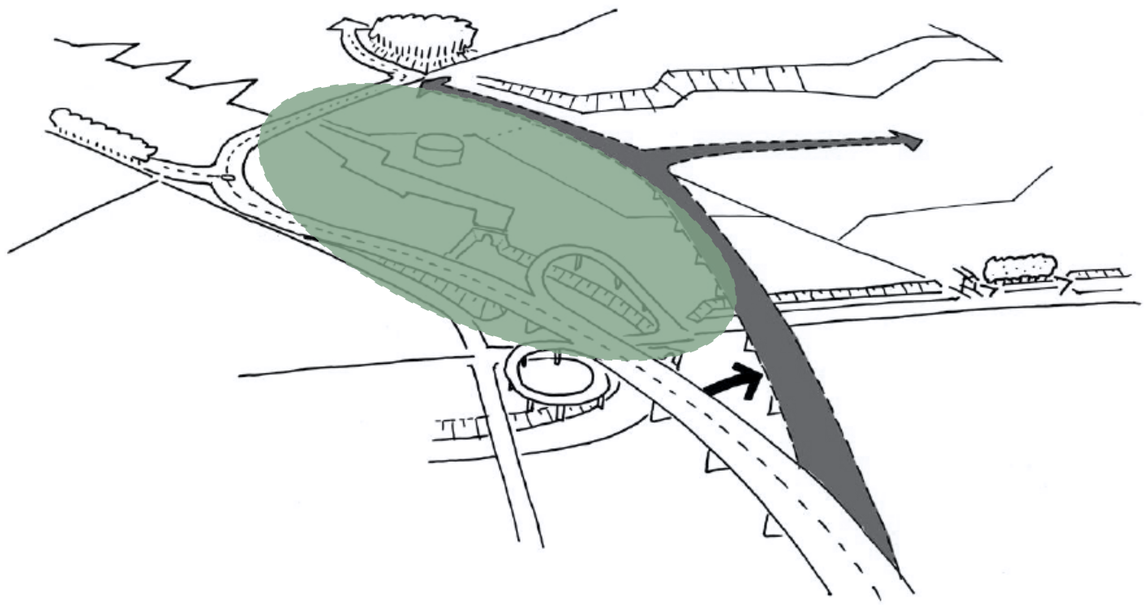


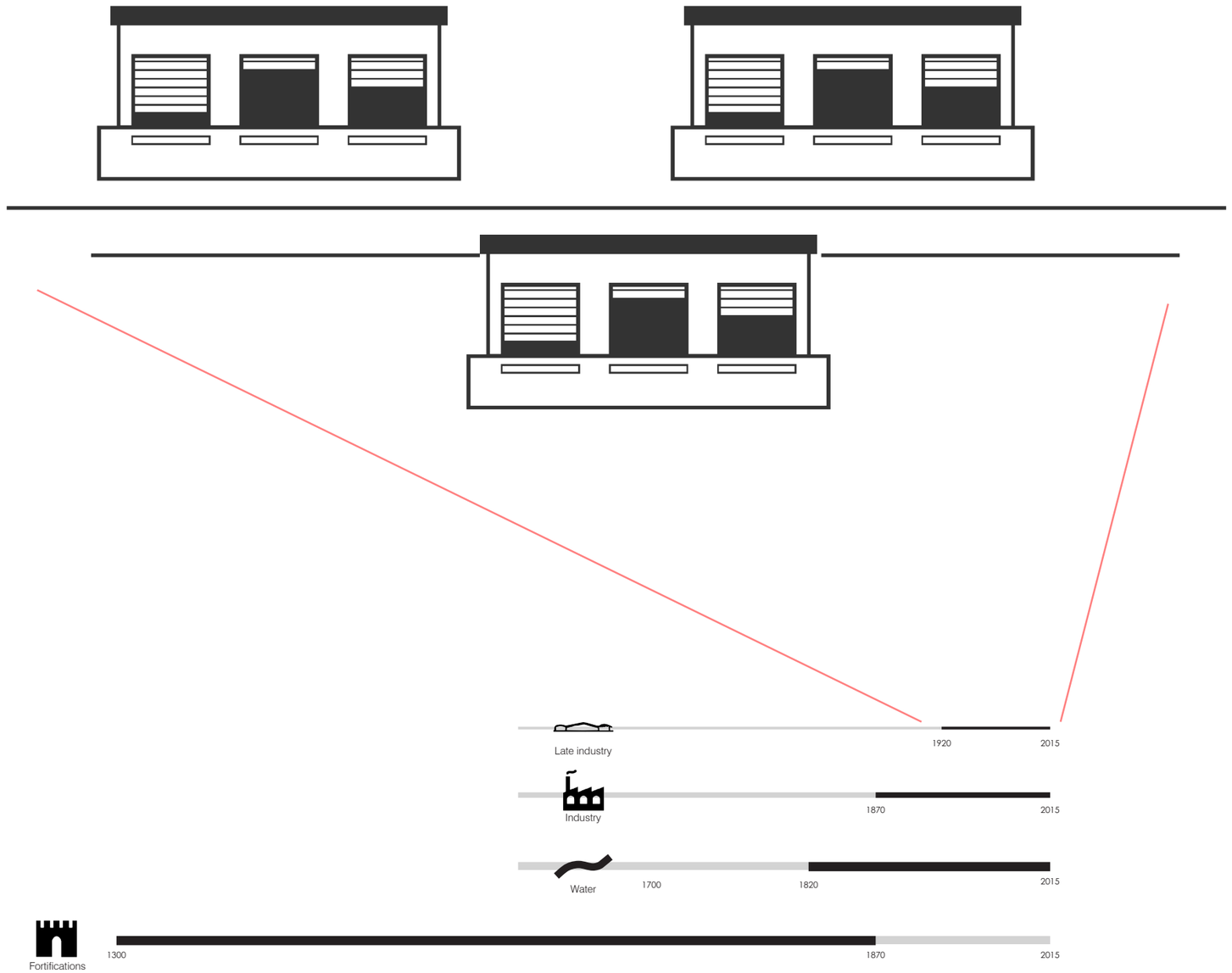


Source: Palmbout

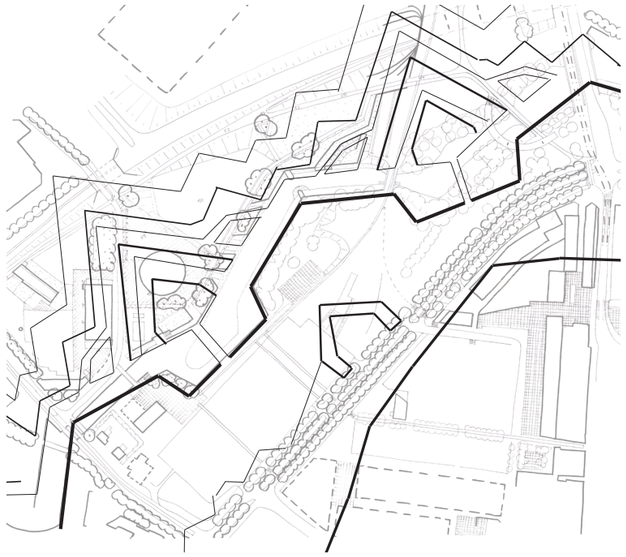
Relocation Noorderbrug

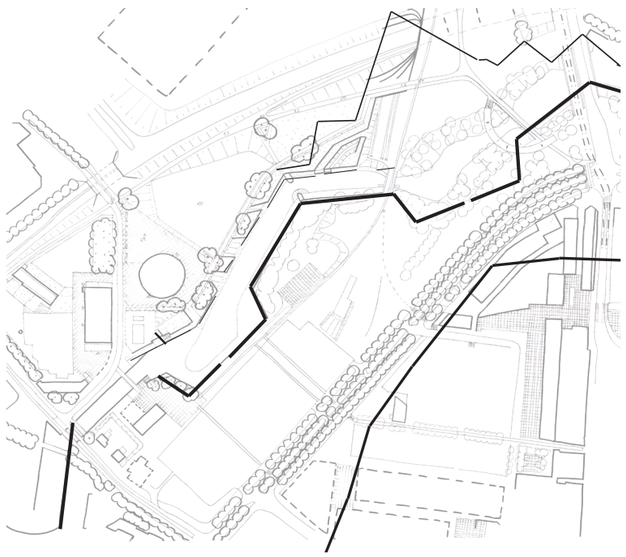


New Frontenpark



Small part of history

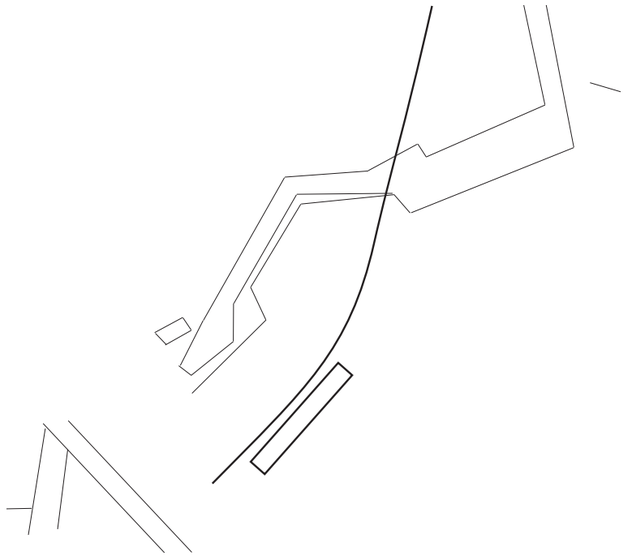


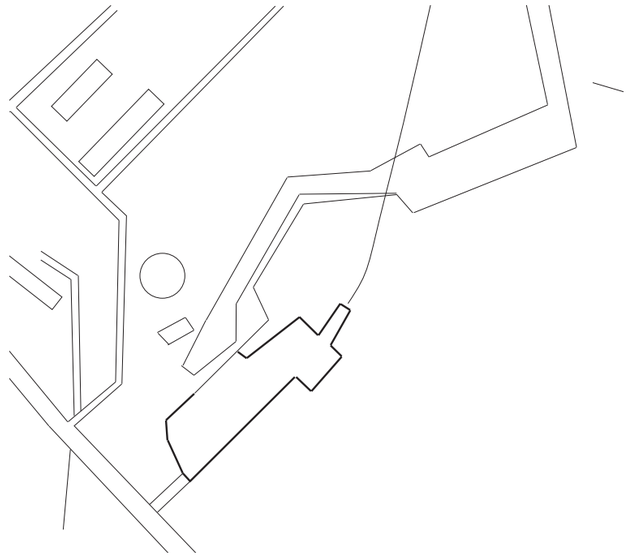


1300

Fortifications

18

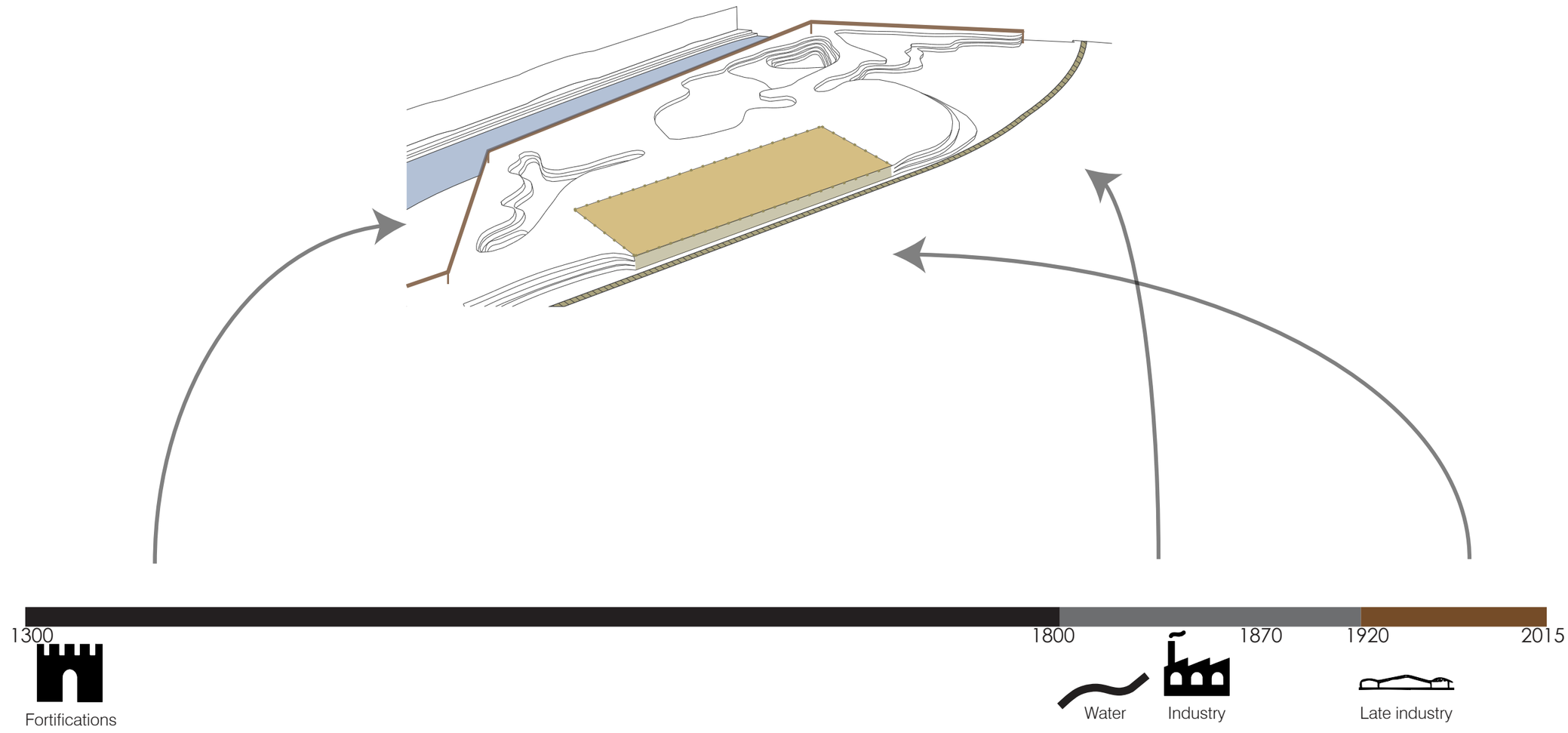


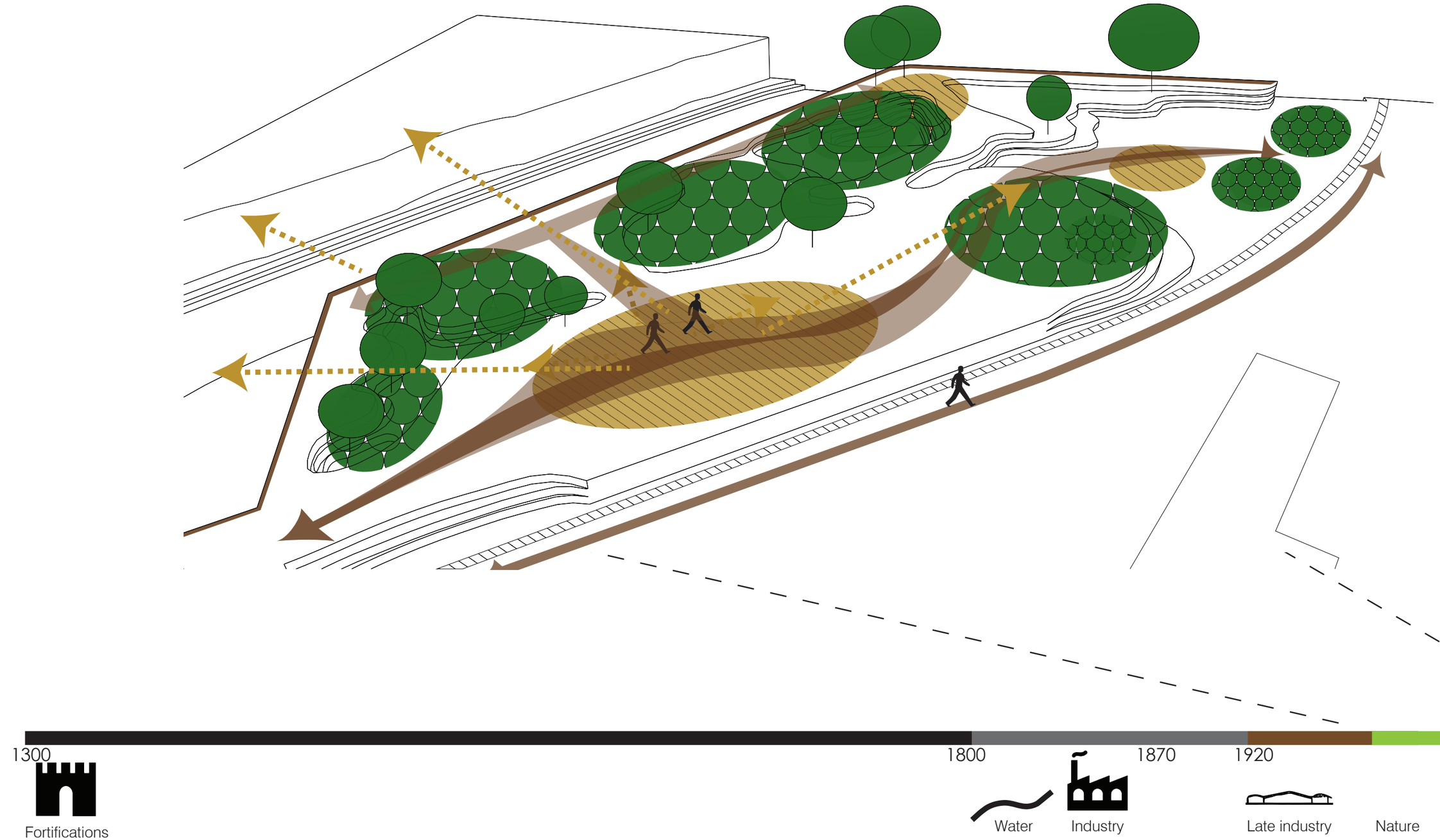


1300 1800 1870 1

Fortifications

Water Industry


1300
1800
1870
1920
2015
Fortifications
Water
Industry
Late industry


1300
1800
1870
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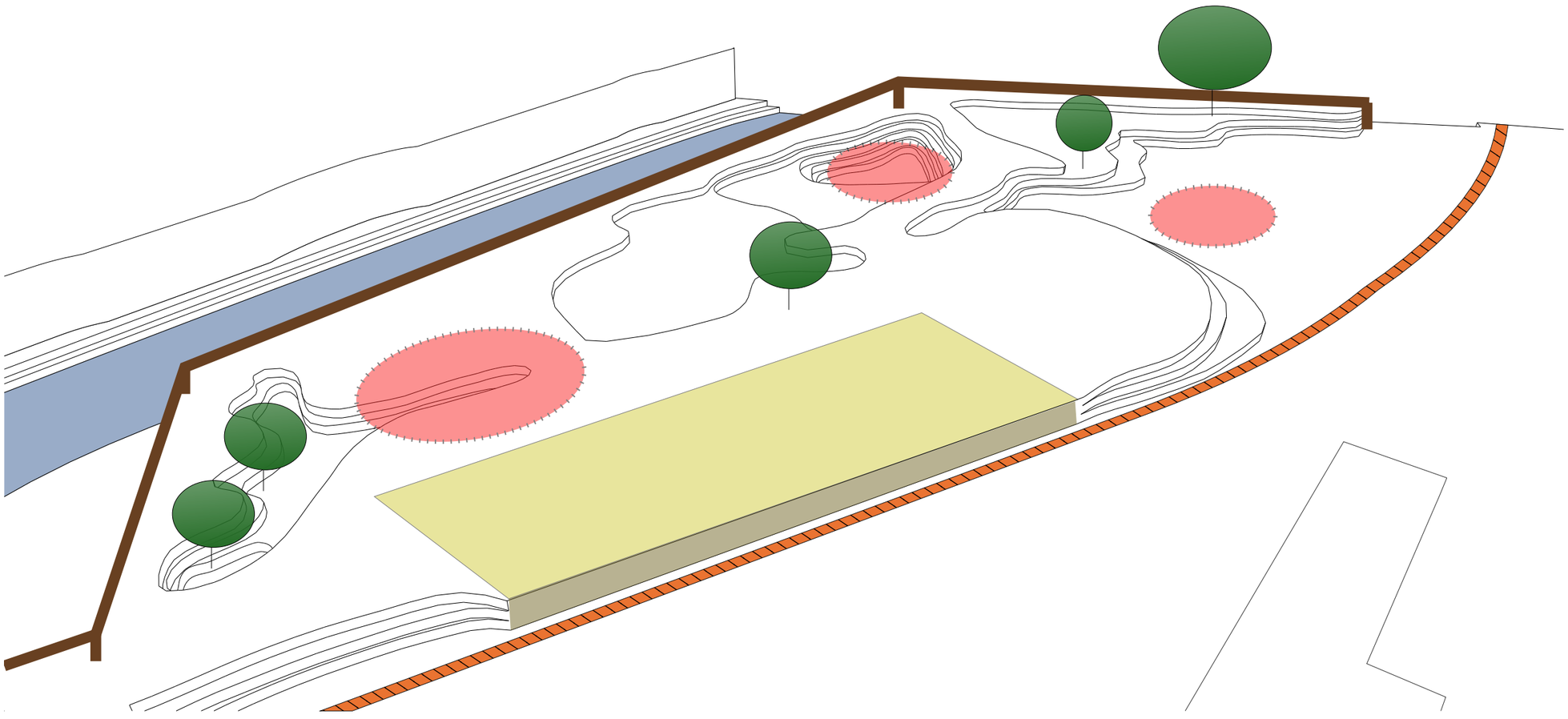
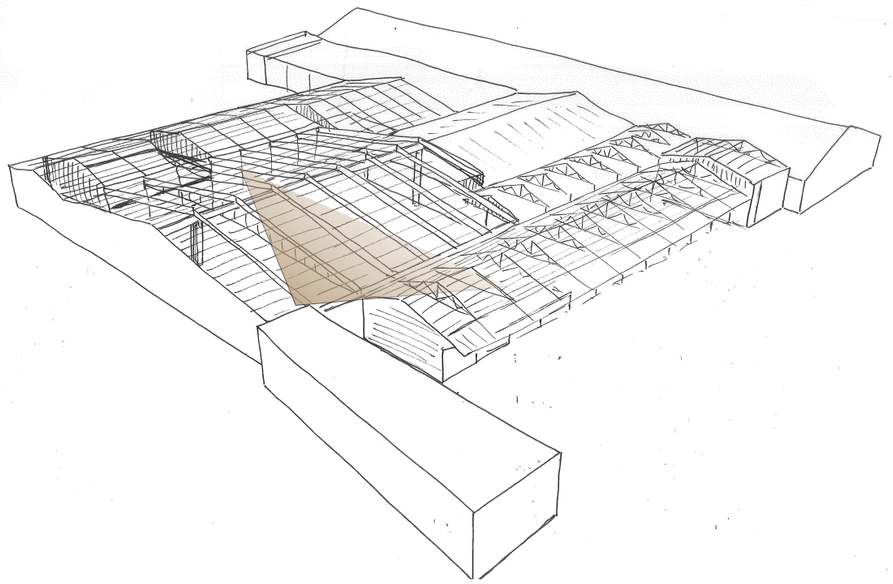
Water
Industry
Late industry
Nature



Combining layers



SCHAVERU
BA
AGERL

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Recycle

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Design

Building

Combination

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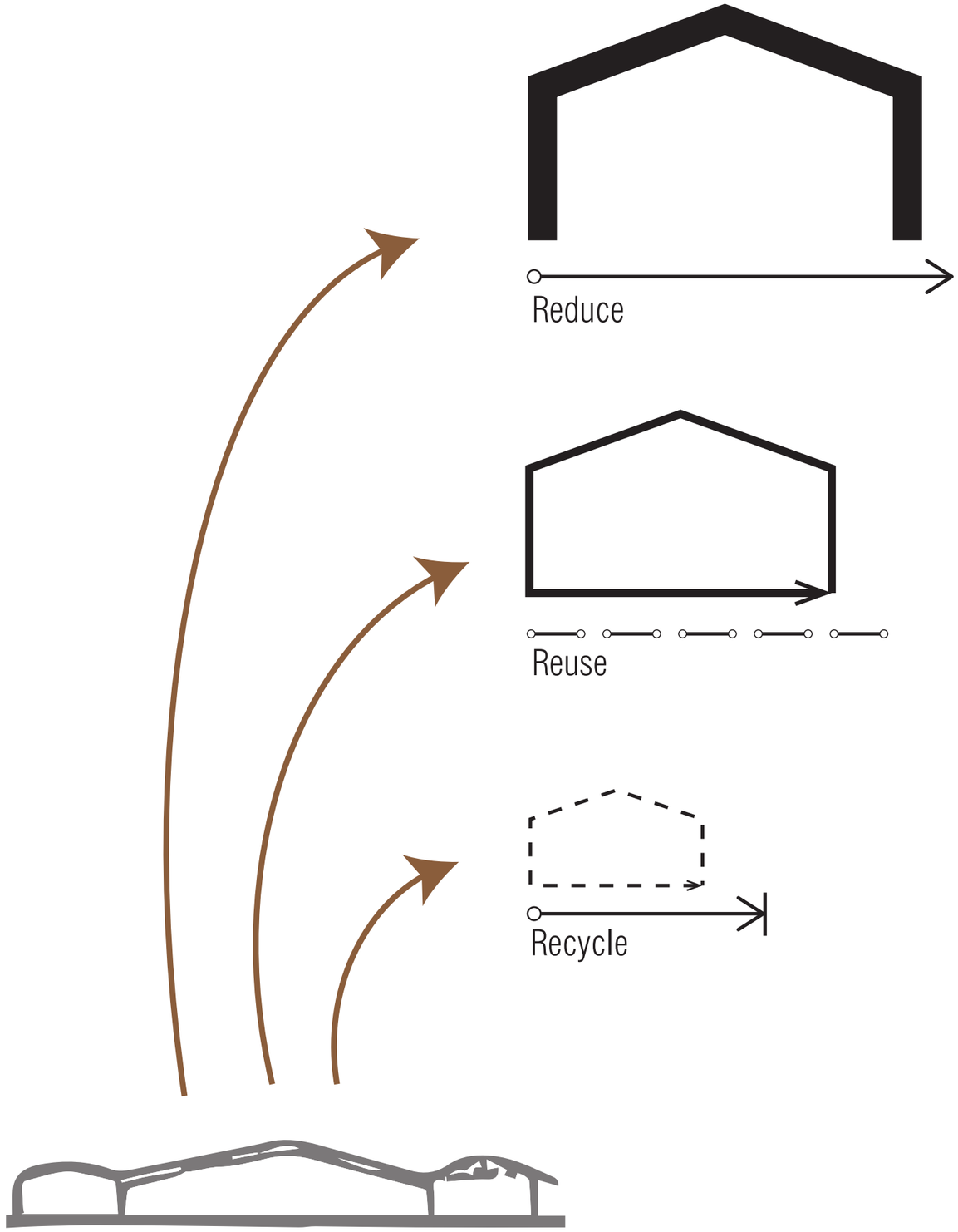
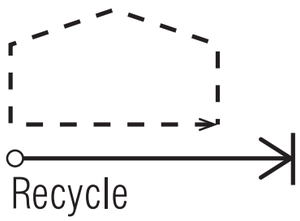
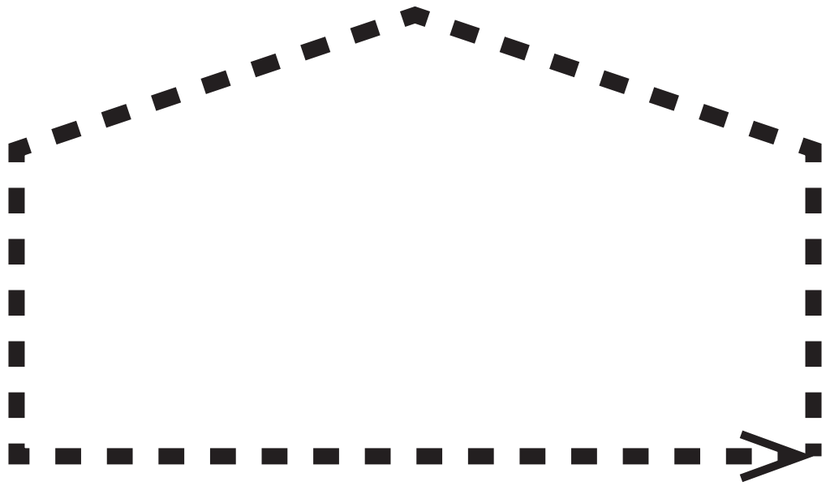
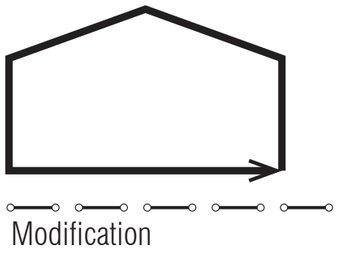

Reduce
Reuse
Recycle



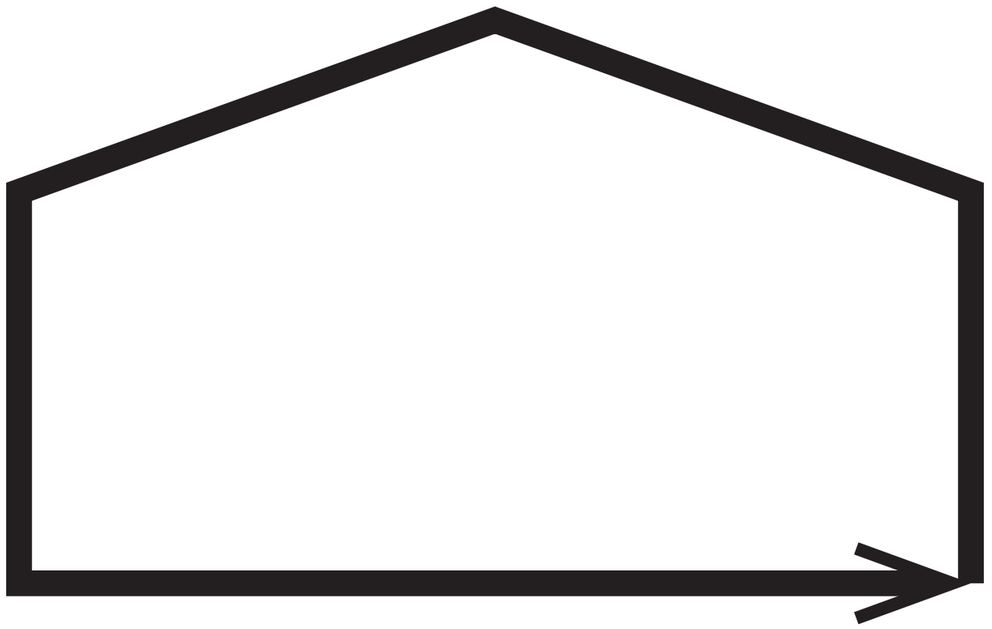
Deconstruction



Temporal revaluation



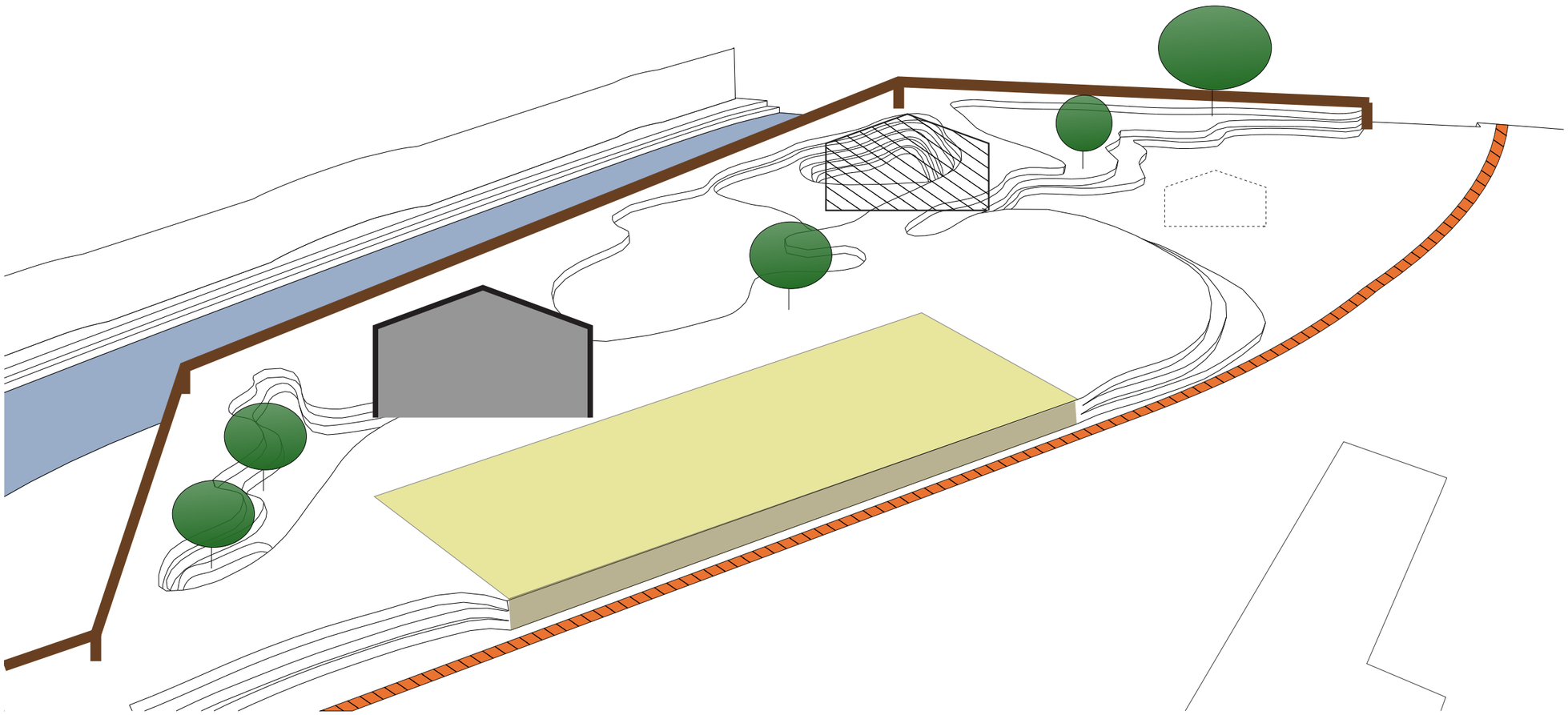
Modification



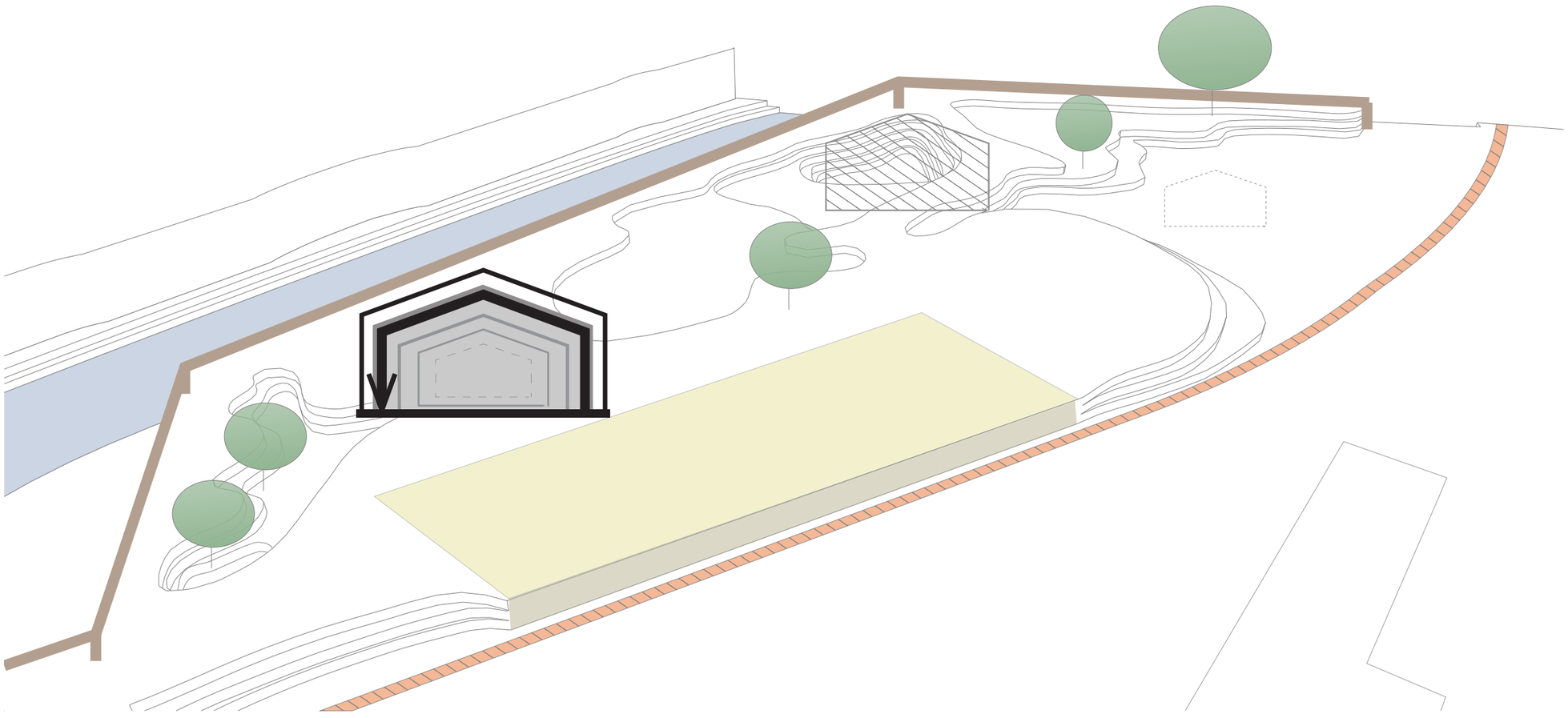
Periodic revaluation

Combination

Longterm revaluation



Combination - Modification - Deconstruction



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Location

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Deconstruction

Modification

Building

Combination

Layers

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Form

Use

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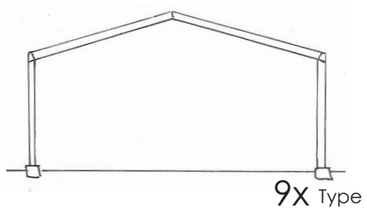
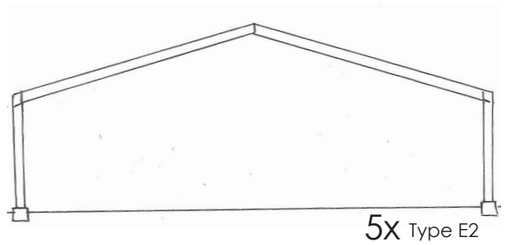
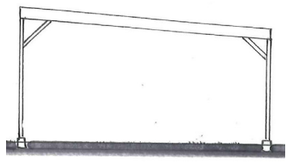


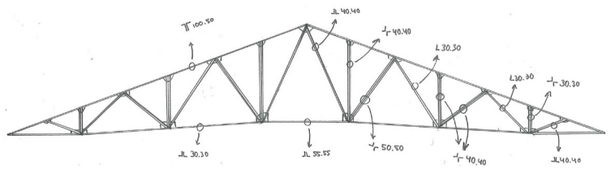
9x Type E1



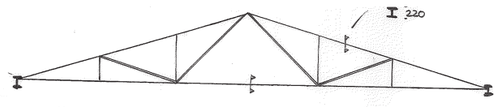
5x Type E2



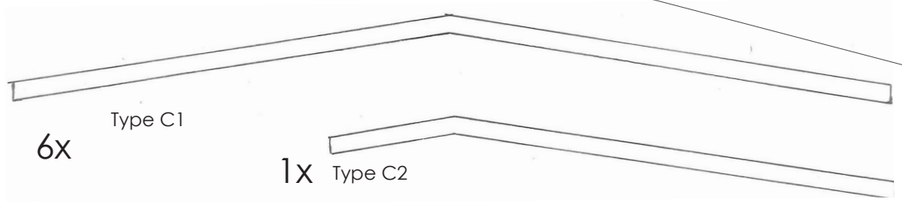
13x Type F



24x Type G

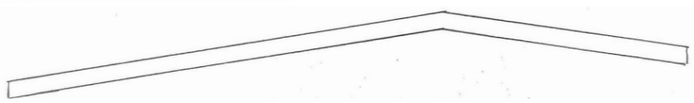


8x Type D1



6x Type C1

1x Type C2



Type C3

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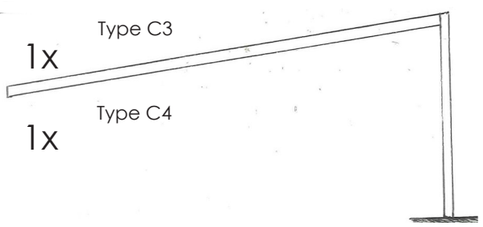

Type C4

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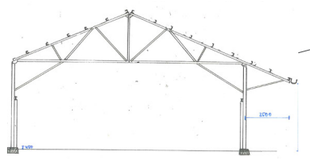
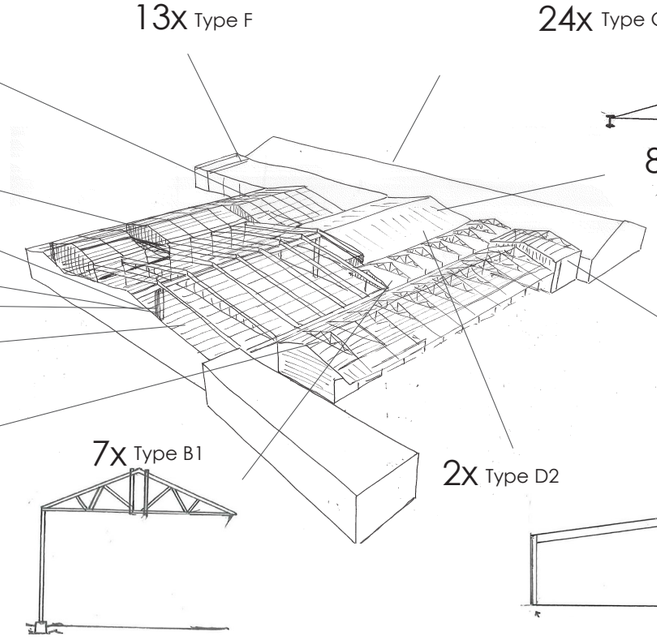
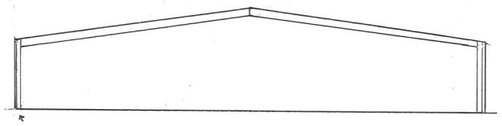


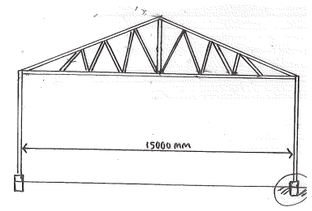
12x Type A



7x Type B1

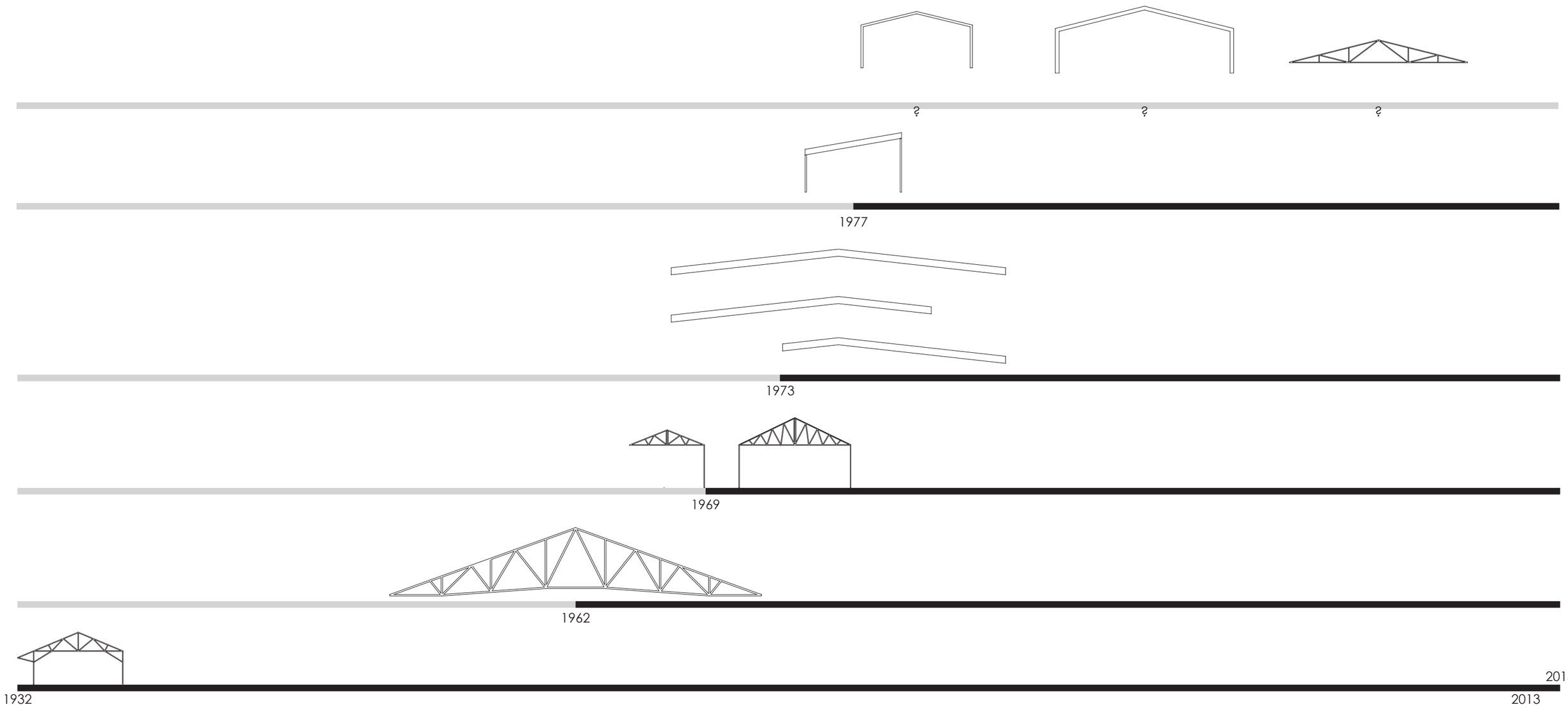
2x Type D2





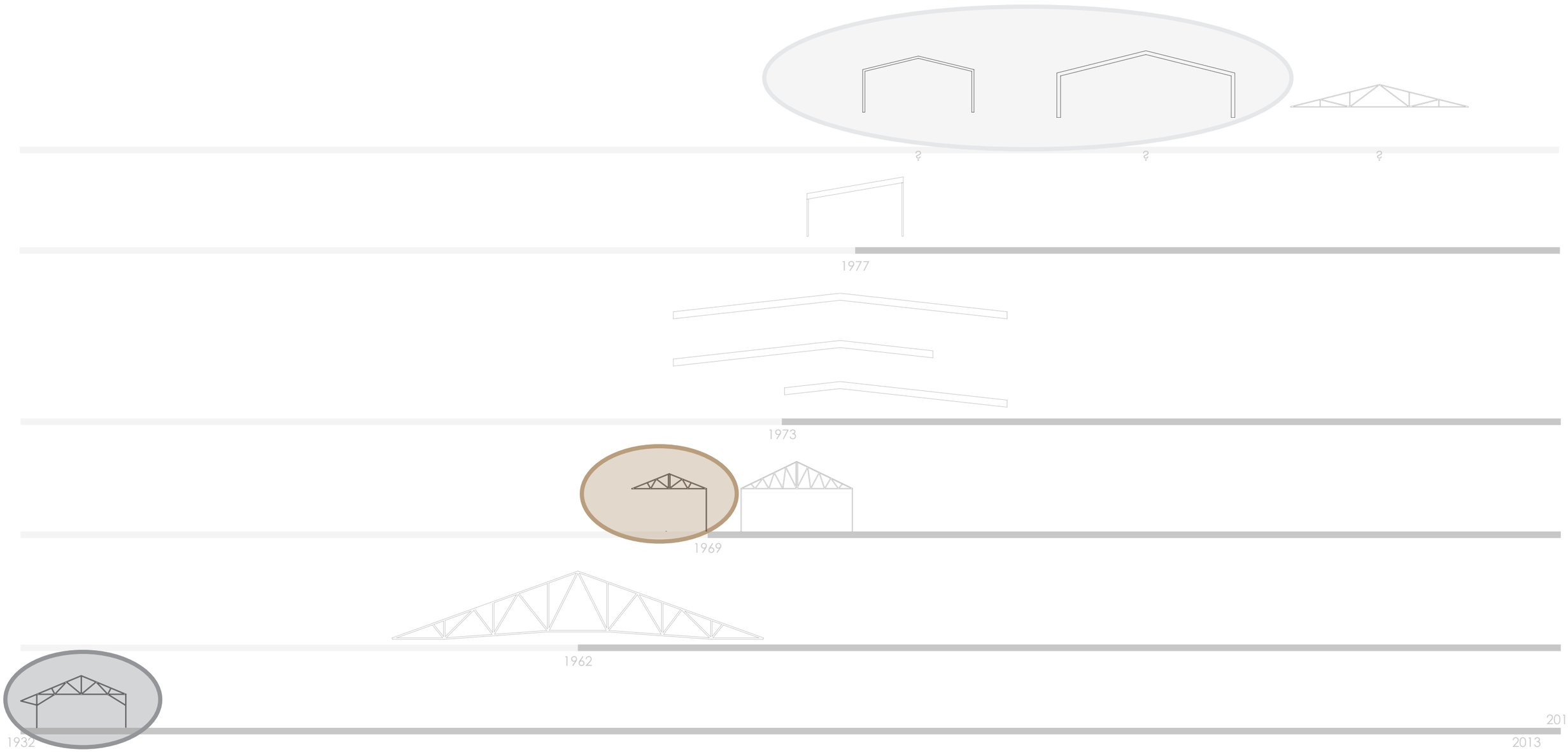
2x Type B2

Available material

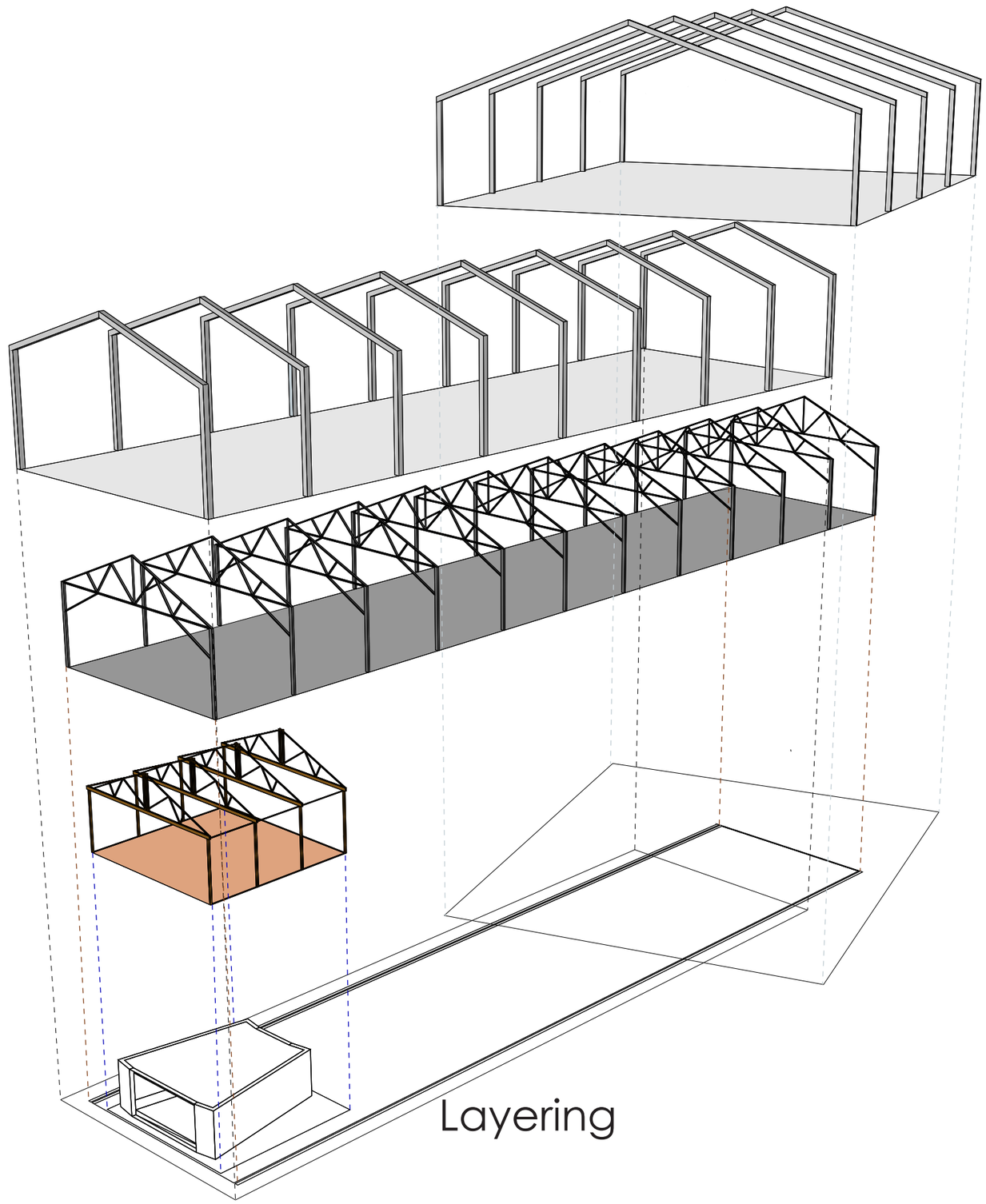


Timeline of sheds

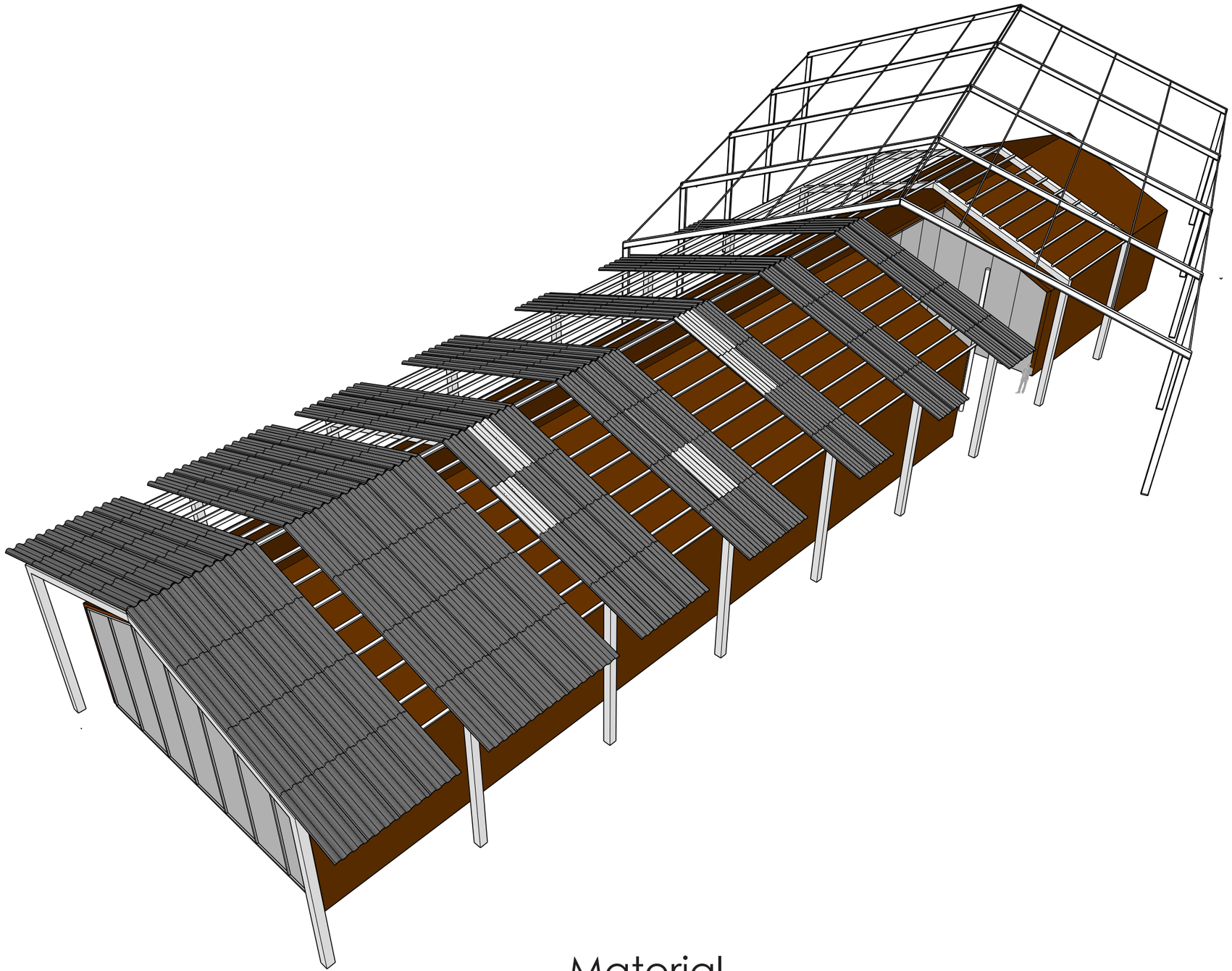
Terrain Building



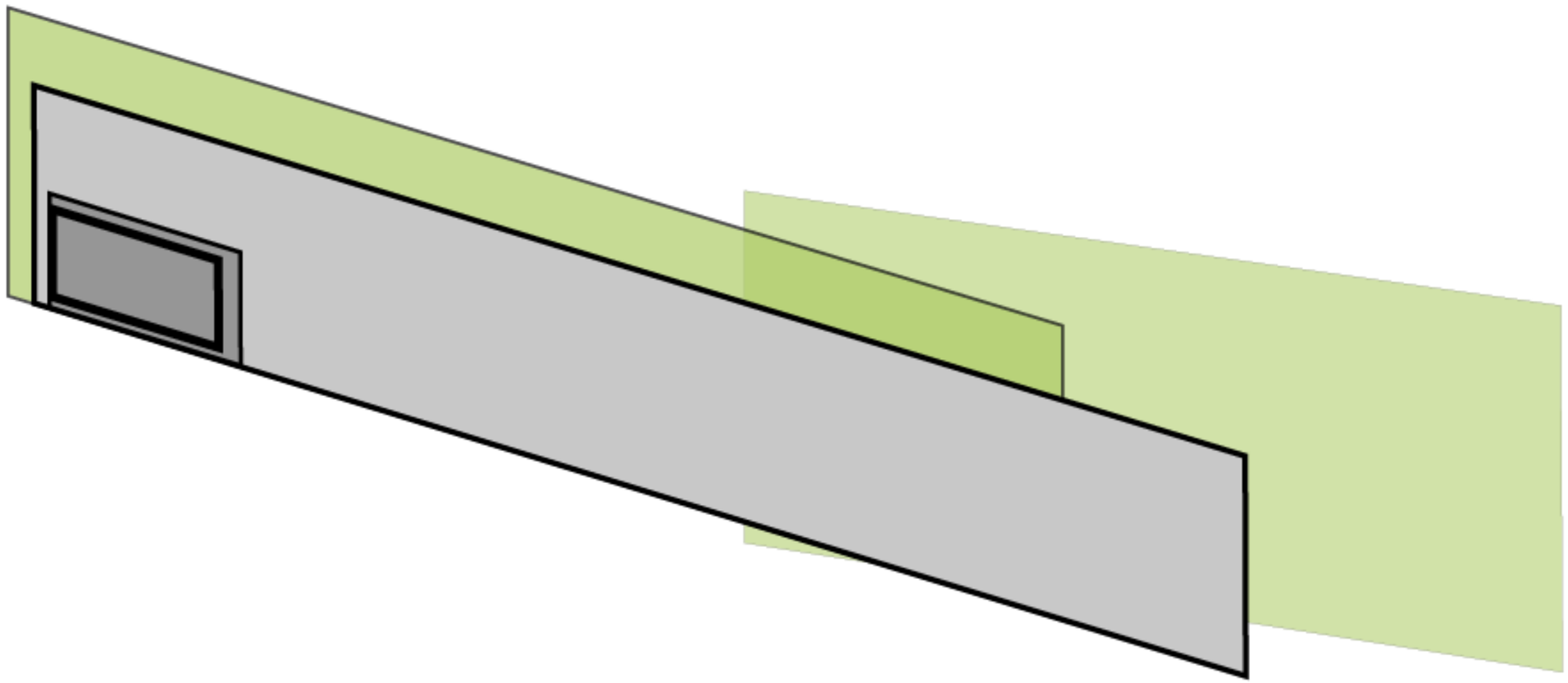
Selected sheds



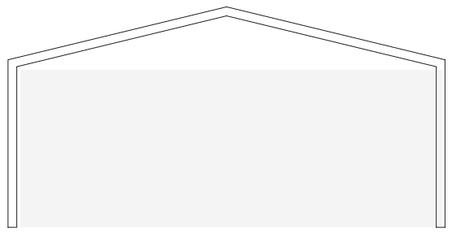
Layering

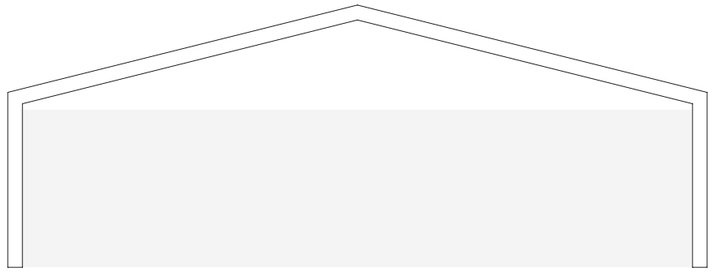


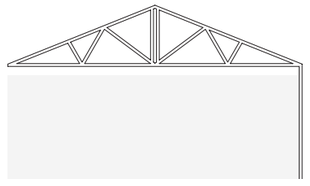
Material

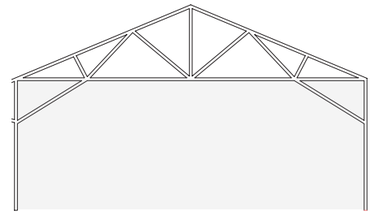


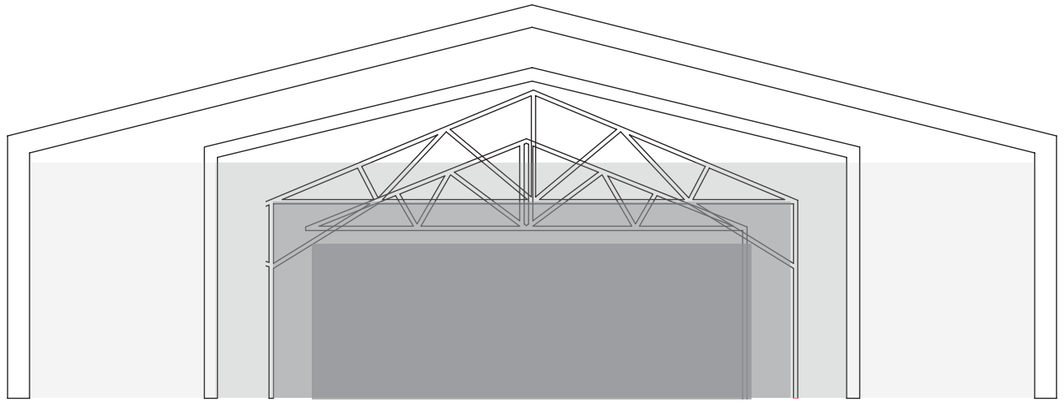
Protection











Performances

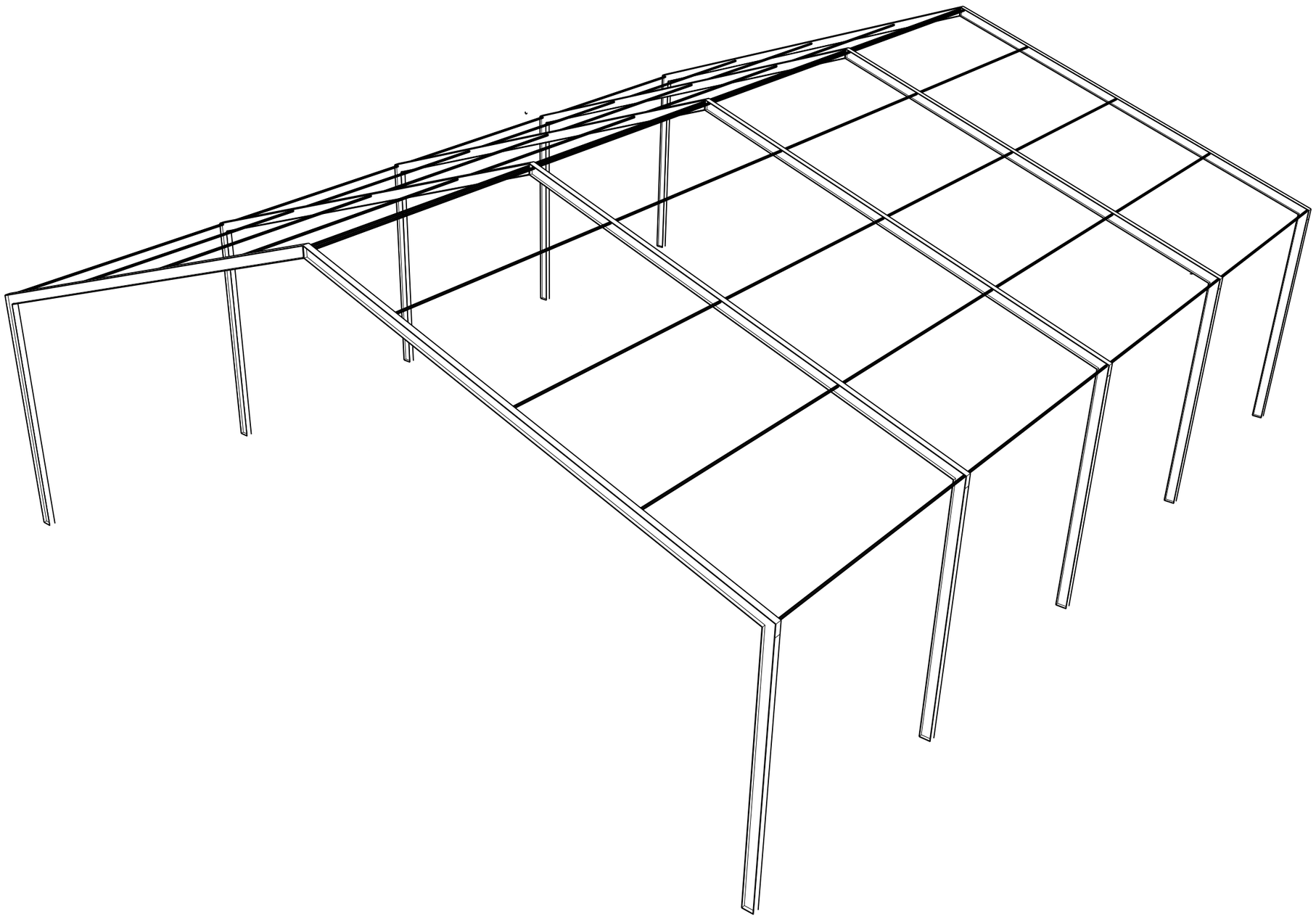
Reused structure

Reuse from houthandel

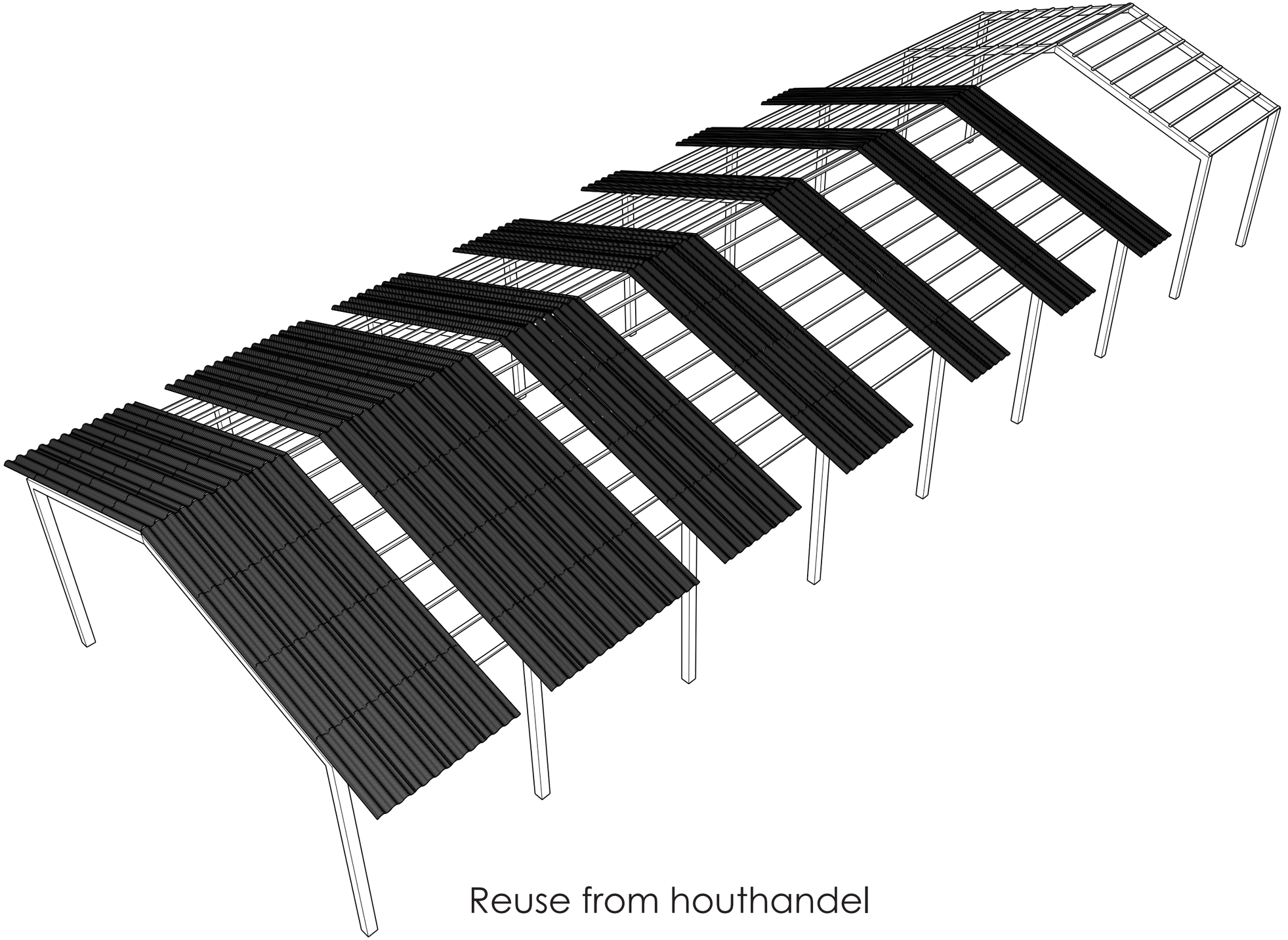
Reuse from Vredestein

Standard units

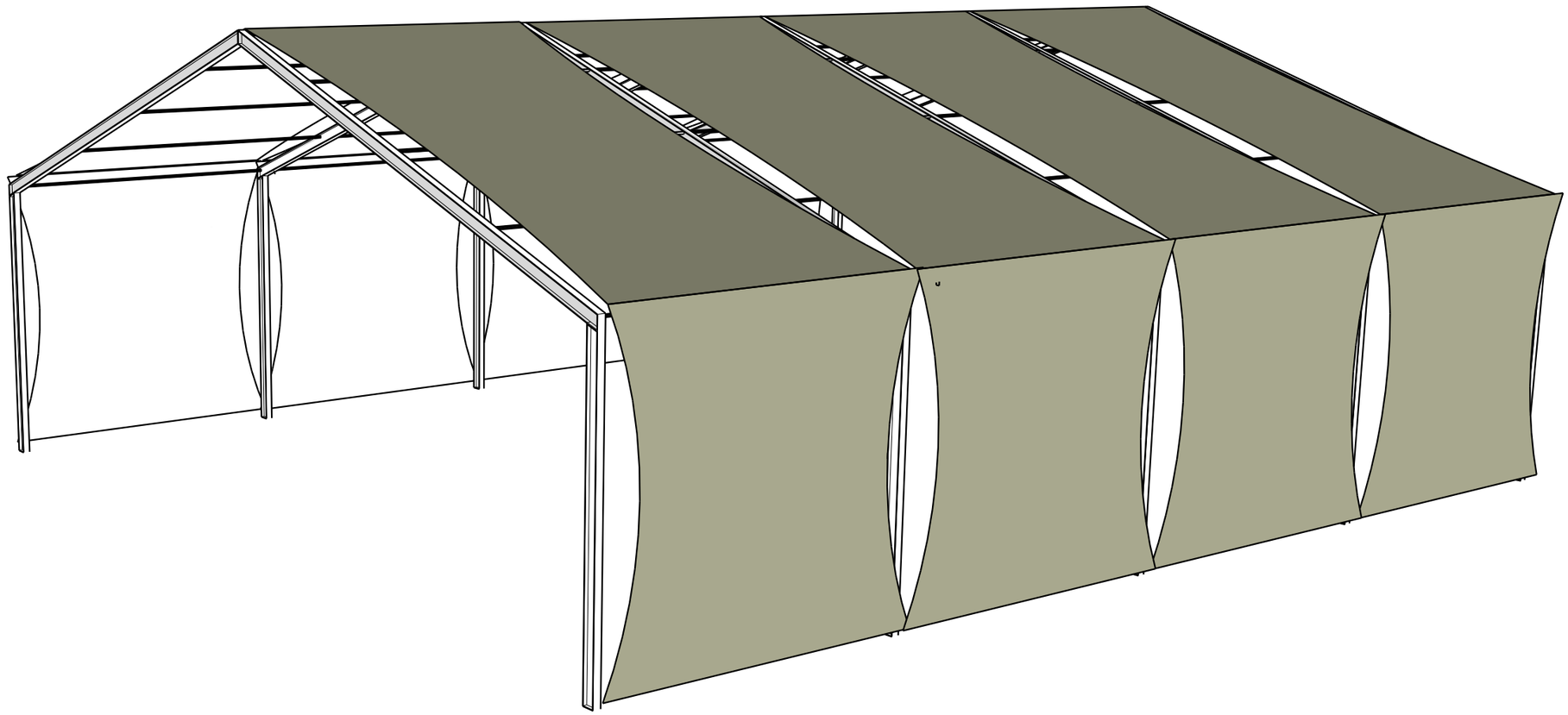
New material



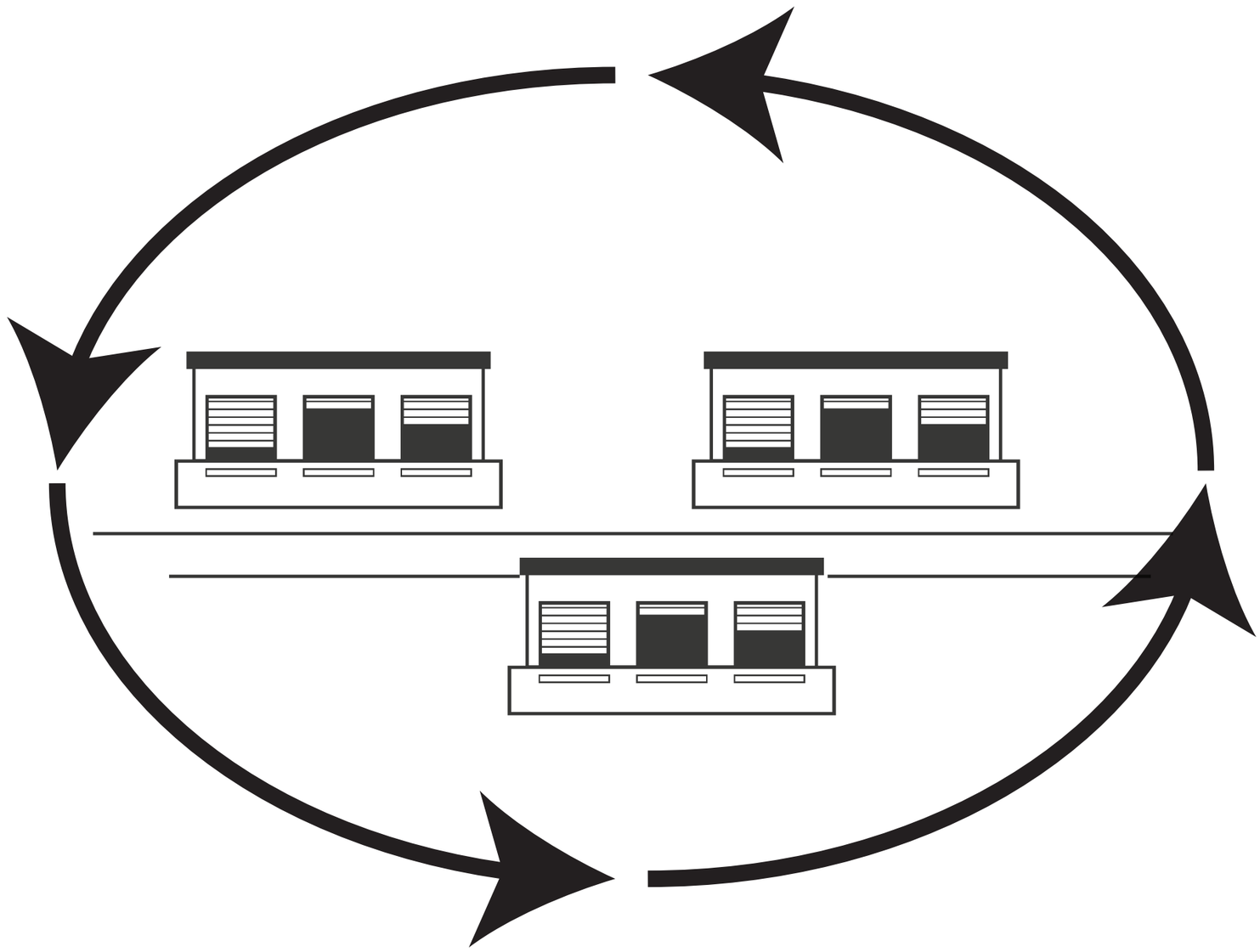
Reused structure



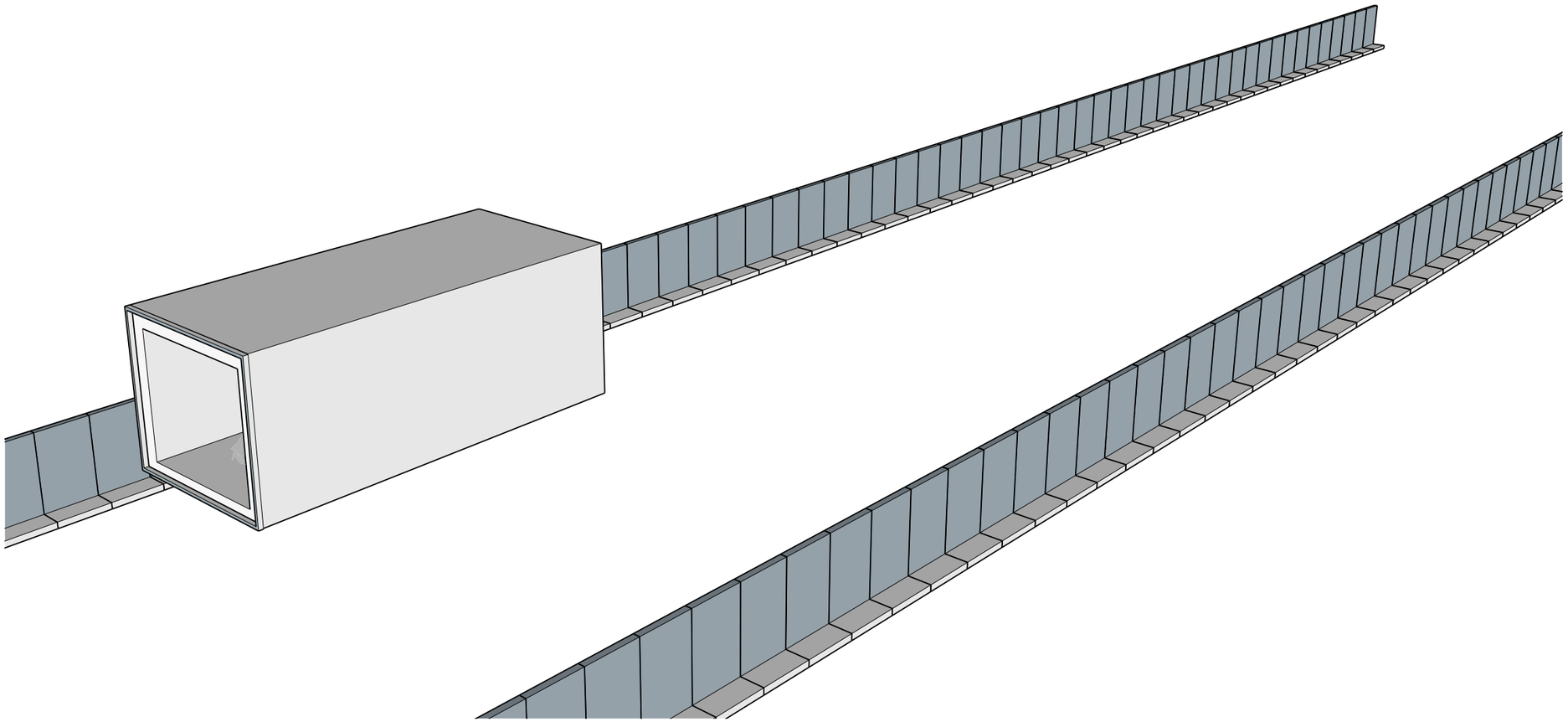
Reuse from houthandel



Reuse from Vredestein

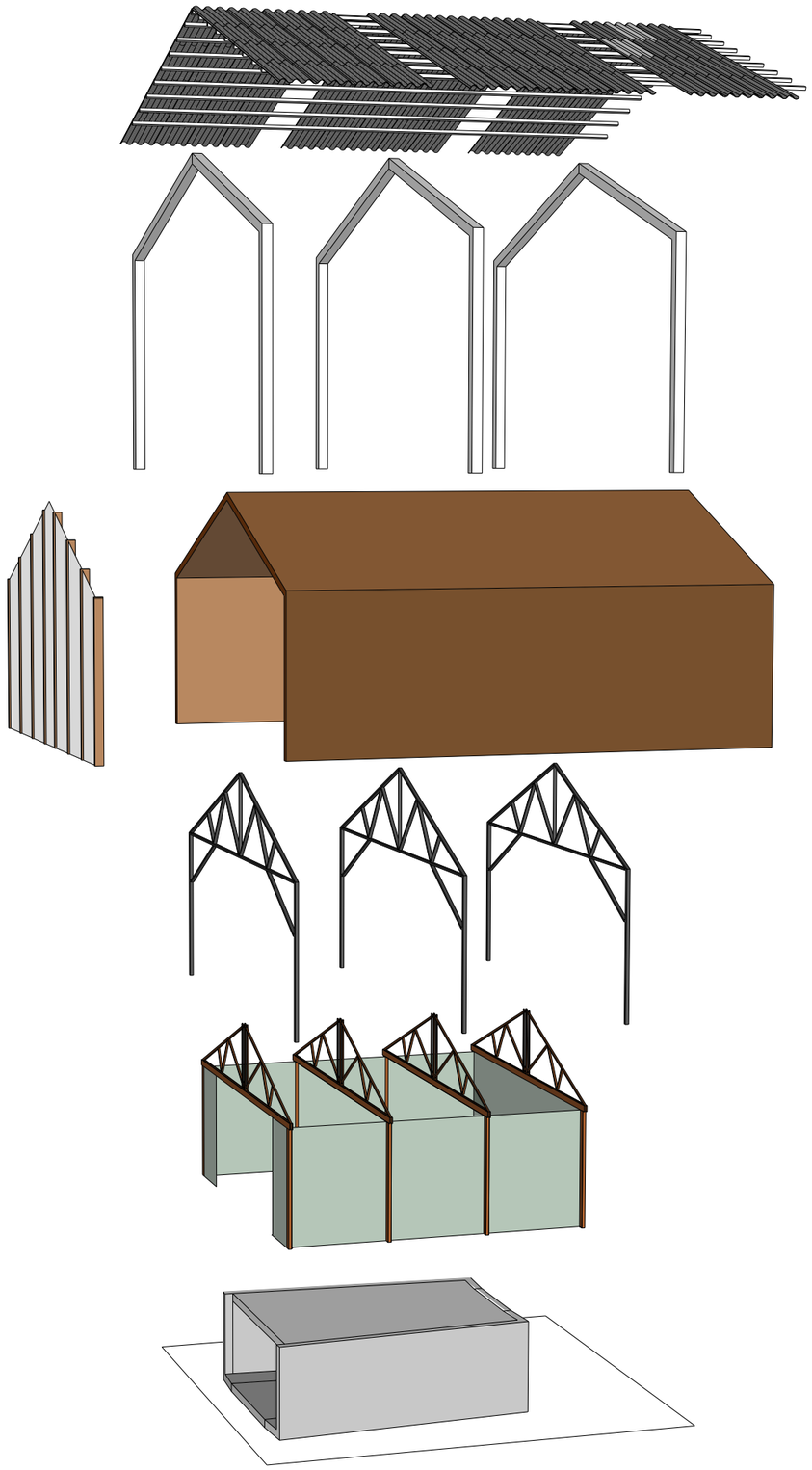


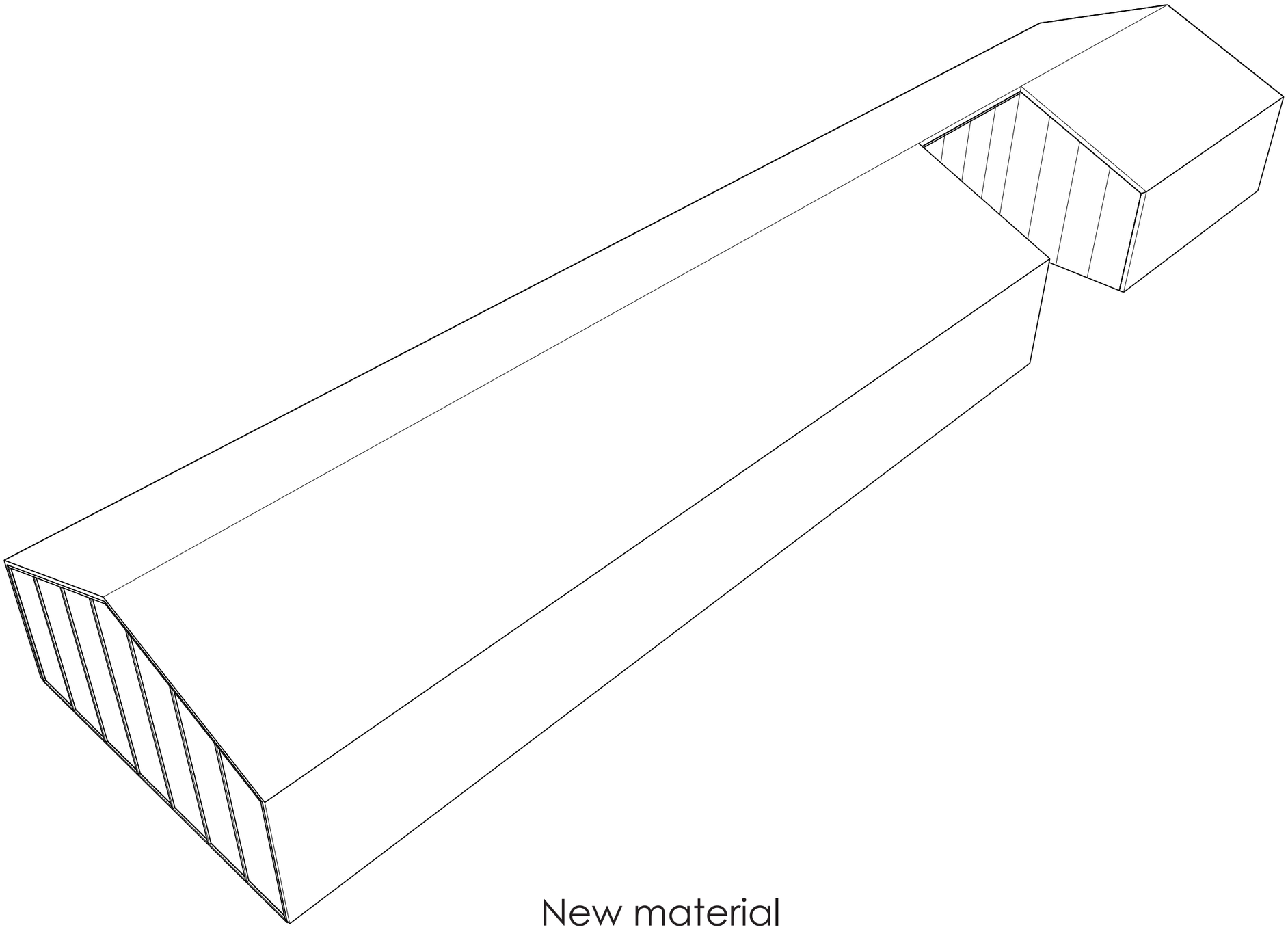
Reuse in direct surroundings



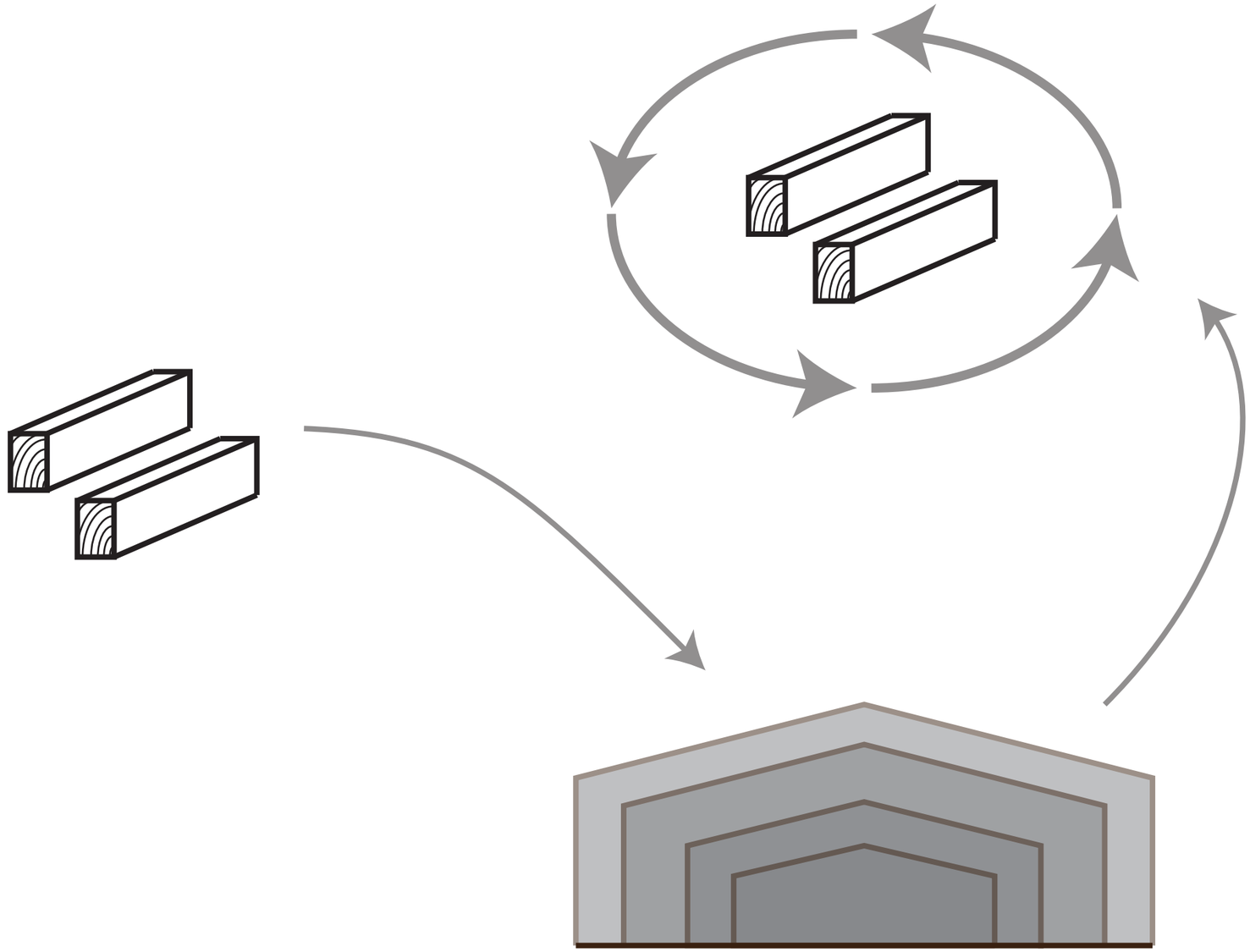
Standard units

Flexibility

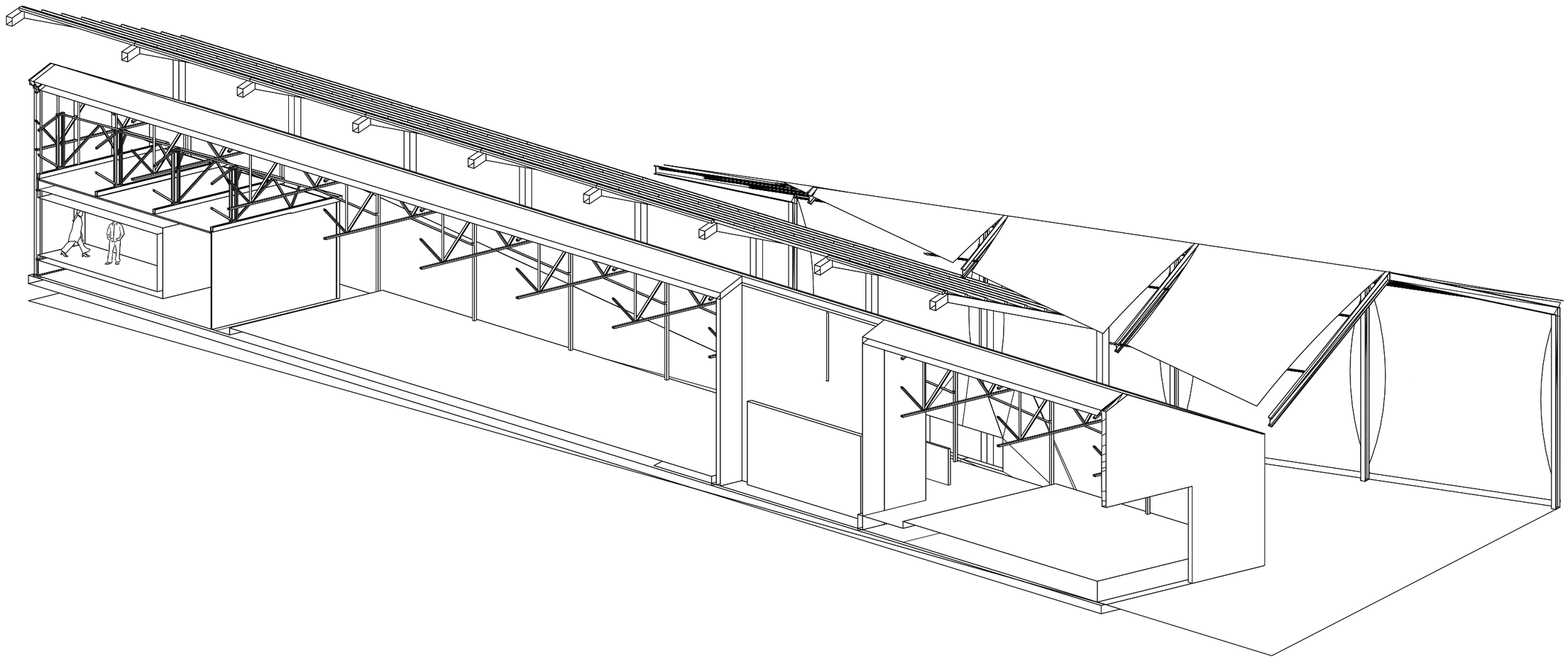




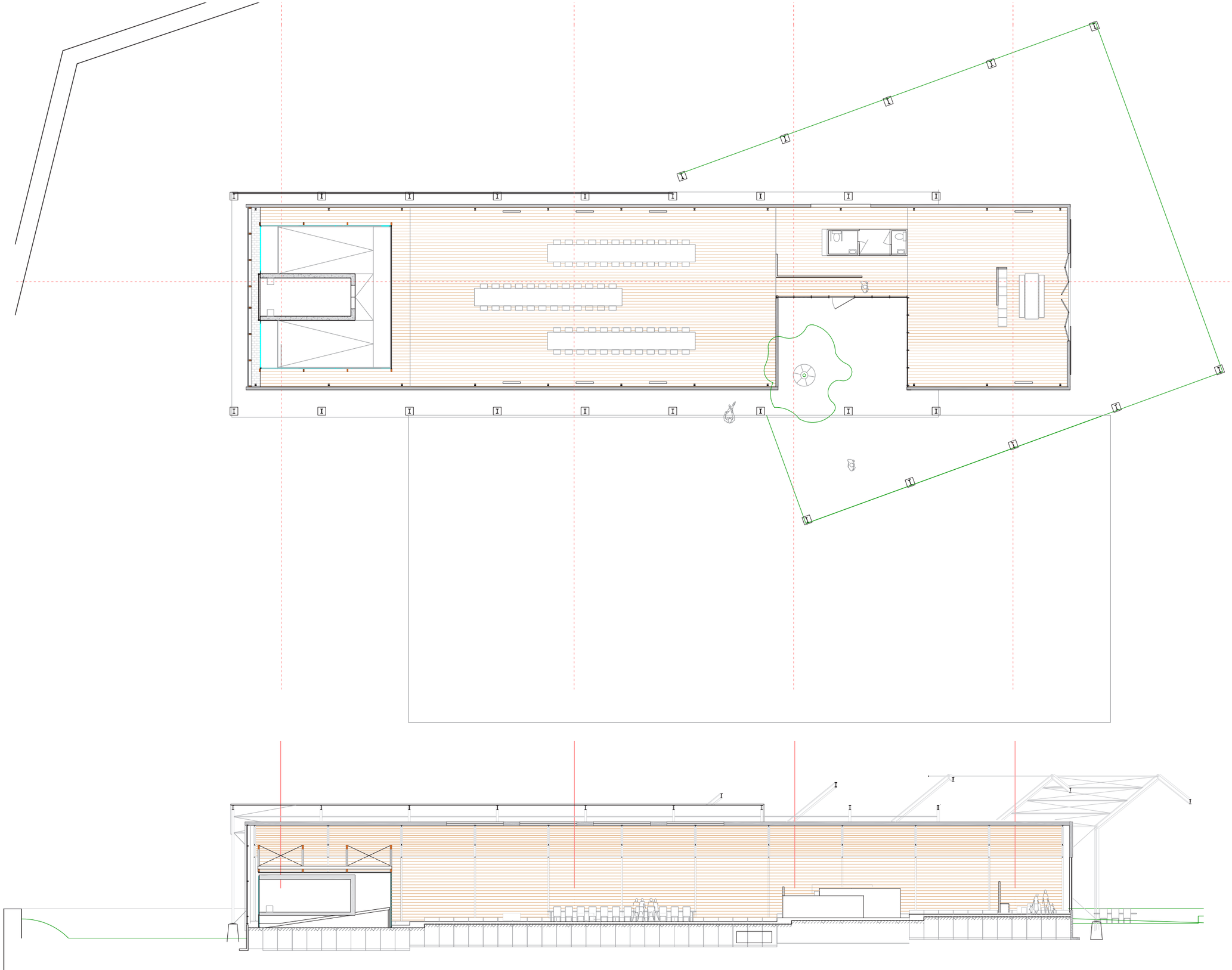
New material

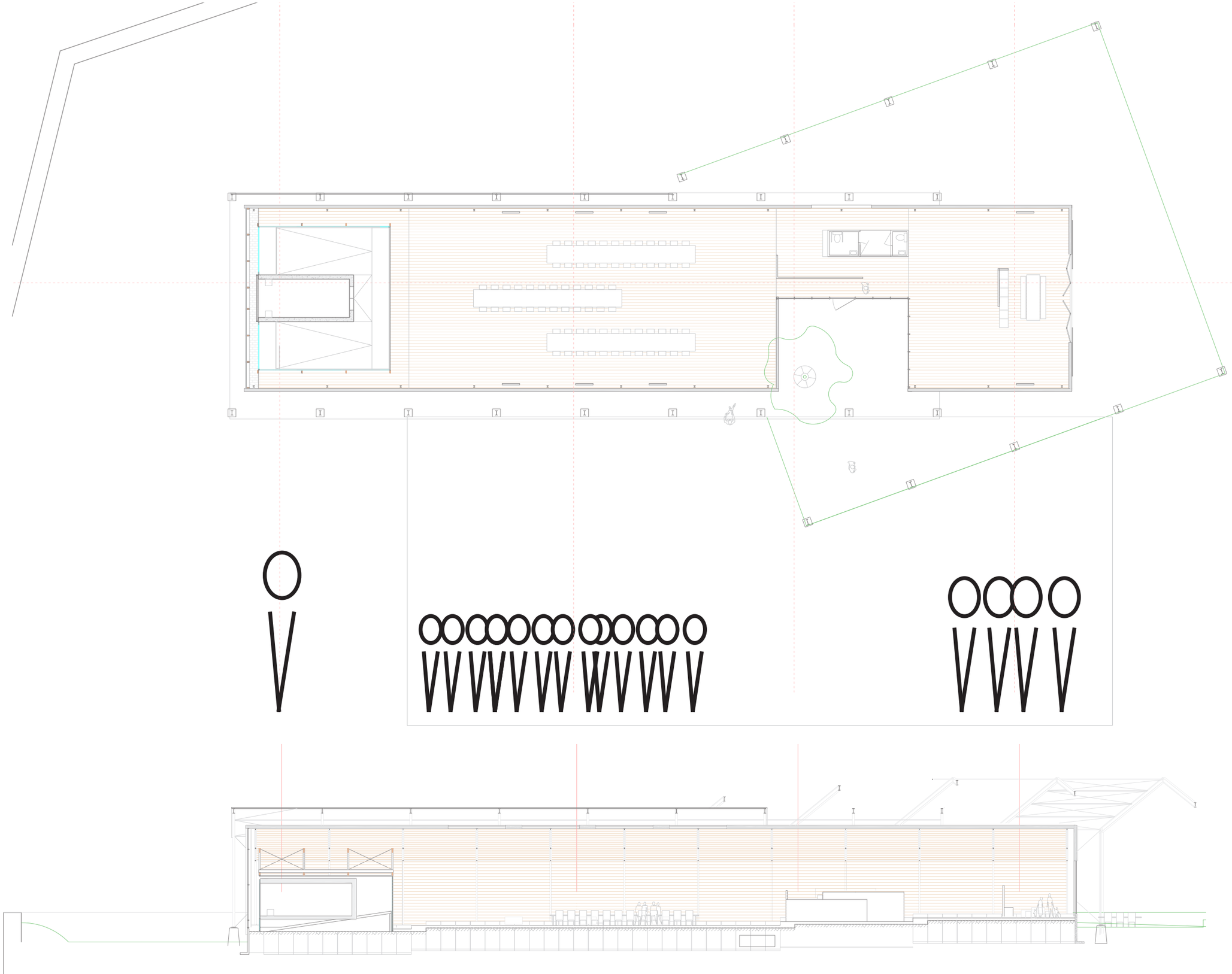


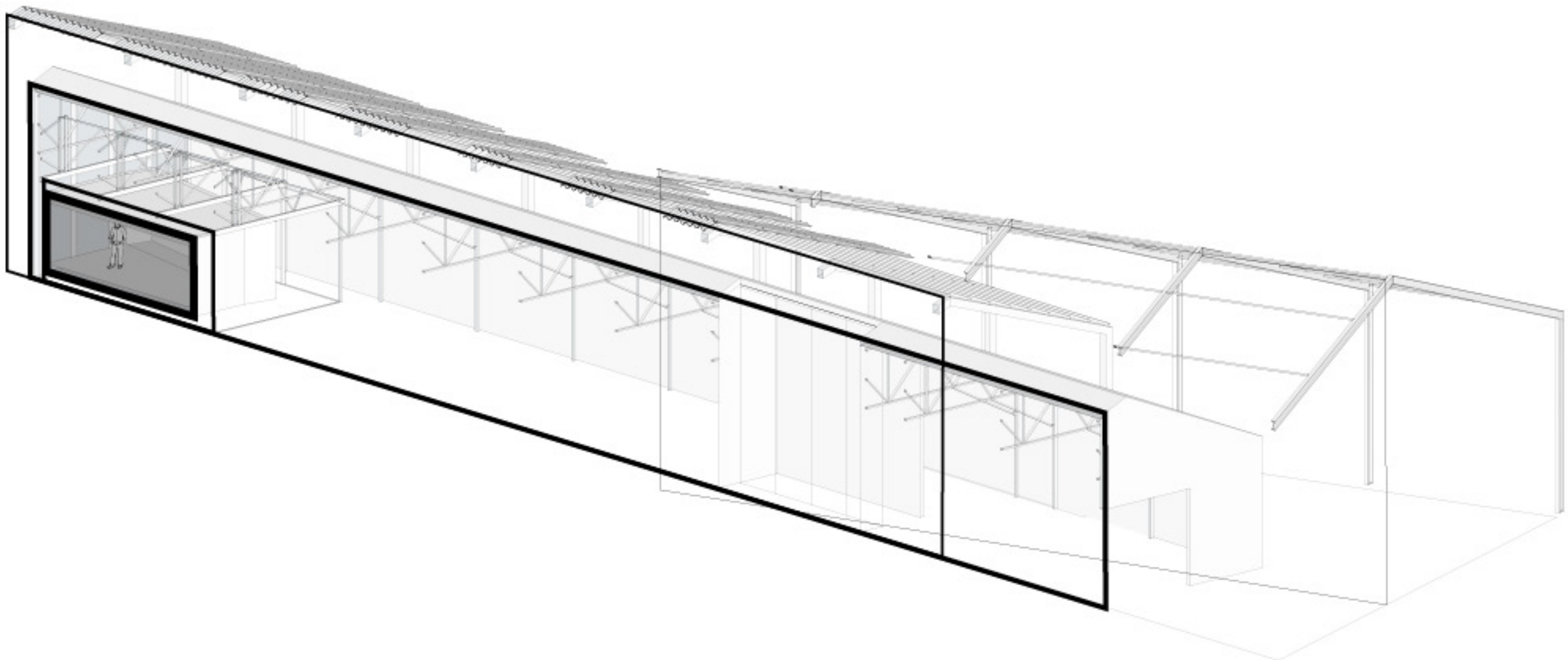
Common measurements for recirculation



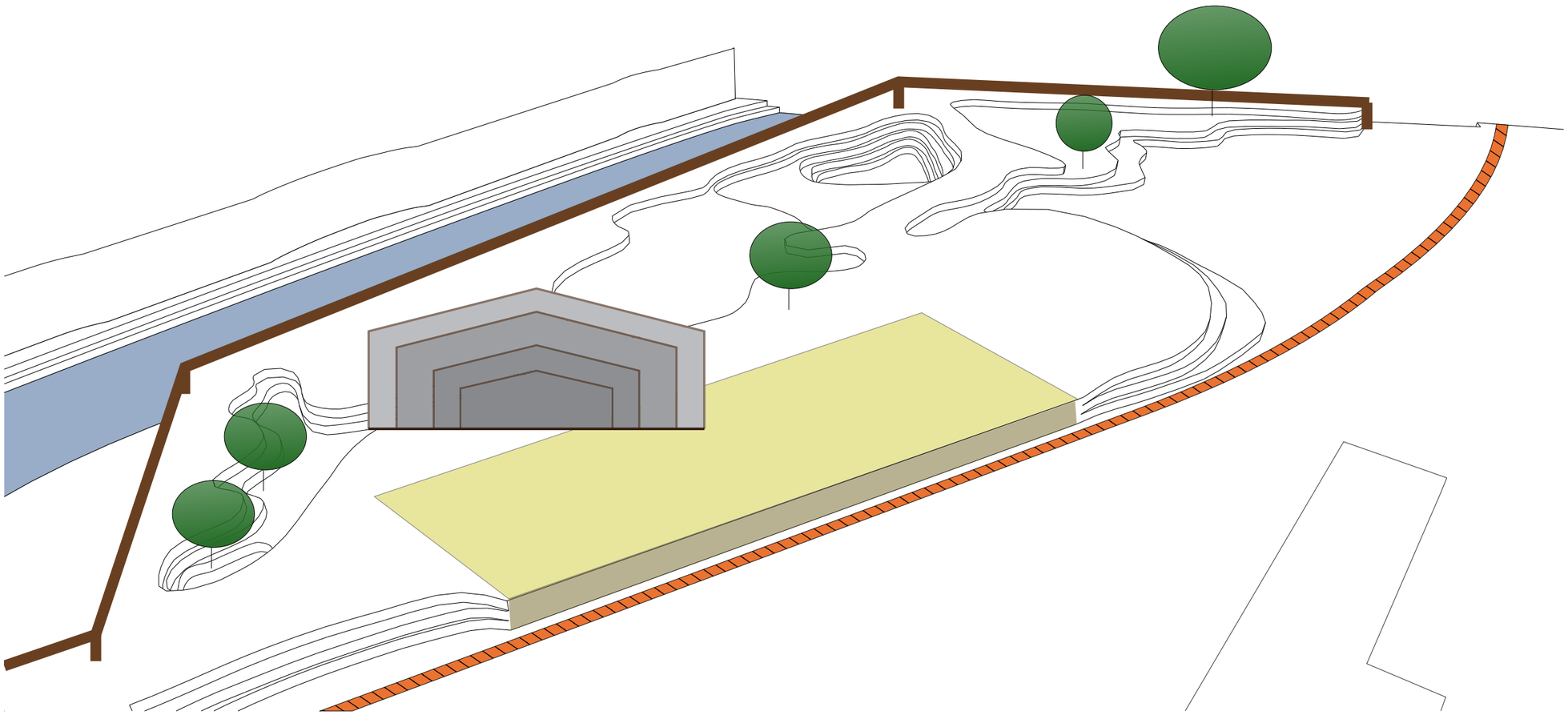
Different atmospheres



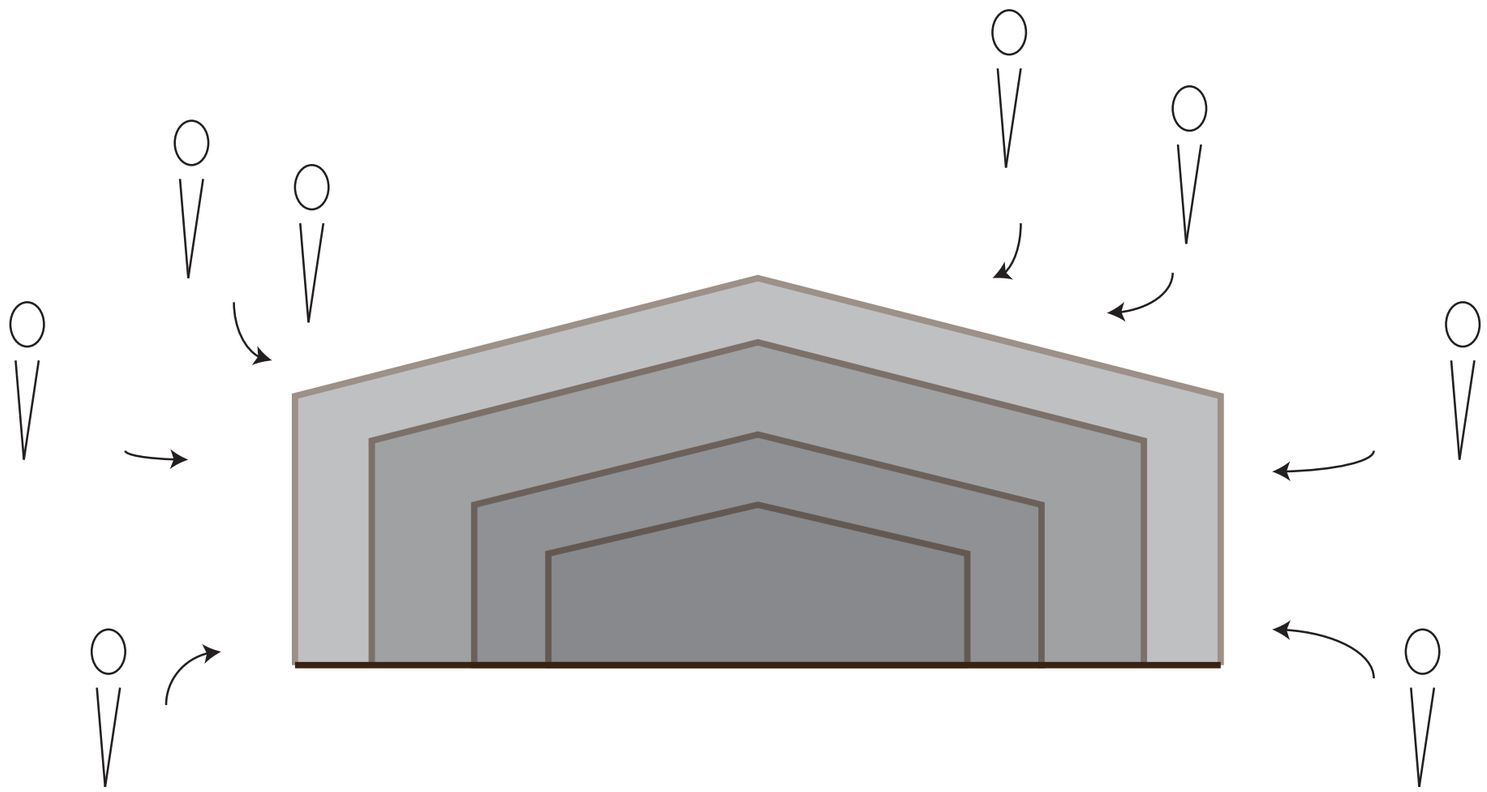




Place of silence



Time and history on location



Function for the community

General Problem

Research

General RQ

General context

Location

Industrial terrains

Building

Industrial sheds

Specific case

Location

Vredestein, Maastricht

Building

Houthandel de Maas

Shearing layers

Reduce

Reuse

Recycle

Research by design

Location

Deconstruction

Modification

Design

Building

Combination

Layers

Structure

Site

Material

Community

Form

Use

Evaluation

Structure

Site

Material

Community

Form

Use

Generic layers

What is reuse of industrial sheds on industrial terrains in transition in current urban development areas?

Structure
Site
Material
Community
Form
Use

Make an inventory of structures

Layering the structures

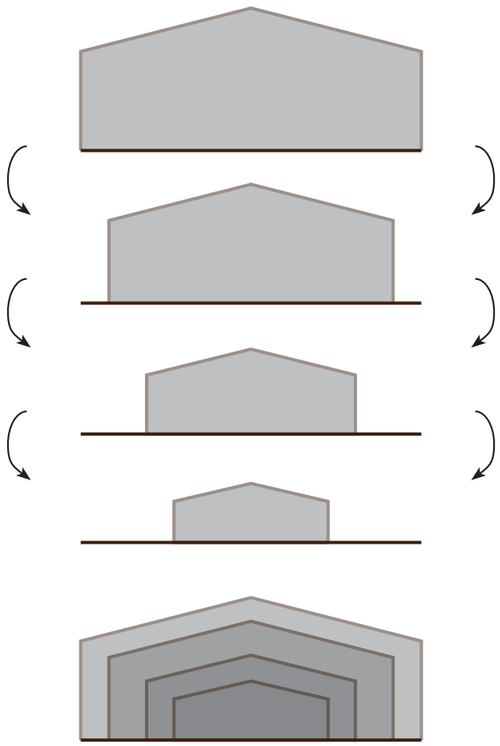
Make an inventory of historic elements

Place in historic context

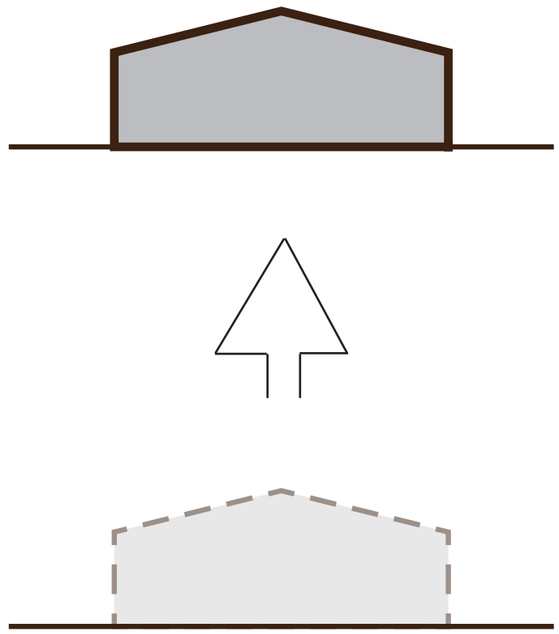
Choose additional material

Select desired function for community

Design



Combine
structures



Construction
value

Structure

What is reuse of industrial sheds on industrial terrains in transition in current urban development areas?

Structure
Site
Material
Community
Form
Use

Make an inventory of structures

Layering the structures

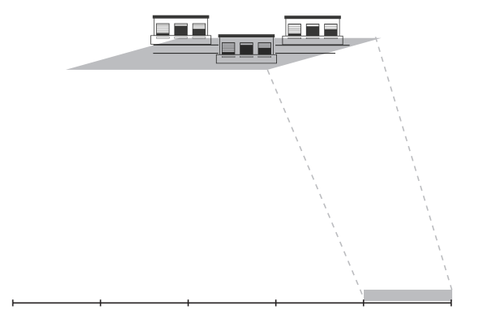
Make an inventory of historic elements

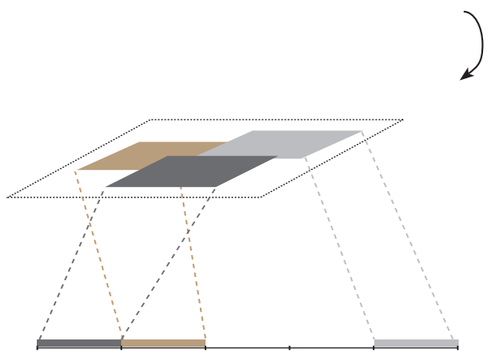
Place in historic context

Choose additional material

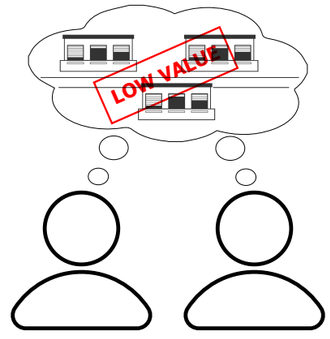
Select desired function for community

Design





Location
Layers



Historical
value

Site

What is reuse of industrial sheds on industrial terrains in transition in current urban development areas?

Structure

Site

Material

Community

Form

Use

Make an inventory of structures

Layering the structures

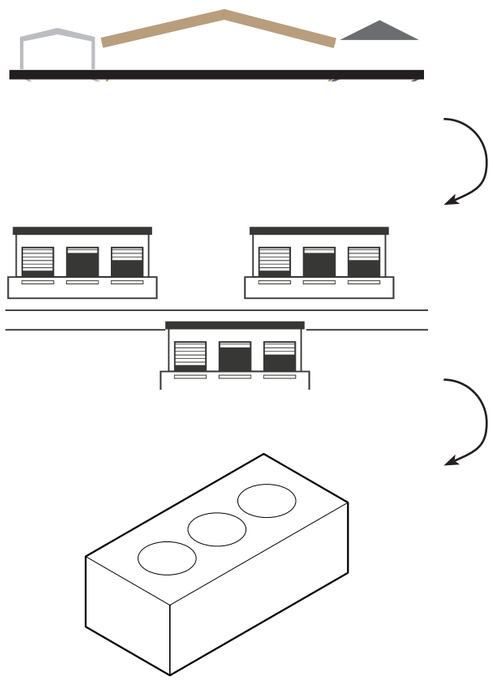
Make an inventory of historic elements

Place in historic context

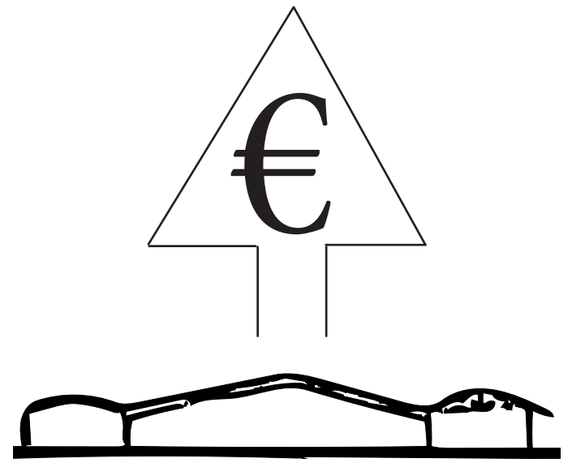
Choose additional material

Select desired function for community

Design



Reuse
Material



Economic
value

Material

What is reuse of industrial sheds on industrial terrains in transition in current urban development areas?

Structure

Site

Material

Community

Form

Use

Make an inventory of structures

Layering the structures

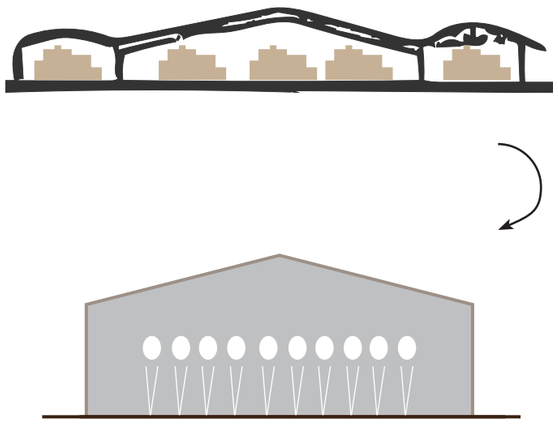
Make an inventory of historic elements

Place in historic context

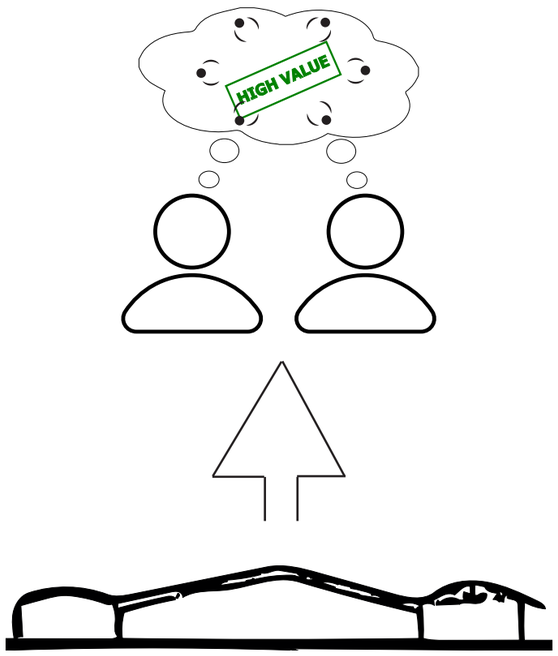
Choose additional material

Select desired function for community

Design



Social
Function



Community
value

Community

Structure

Site

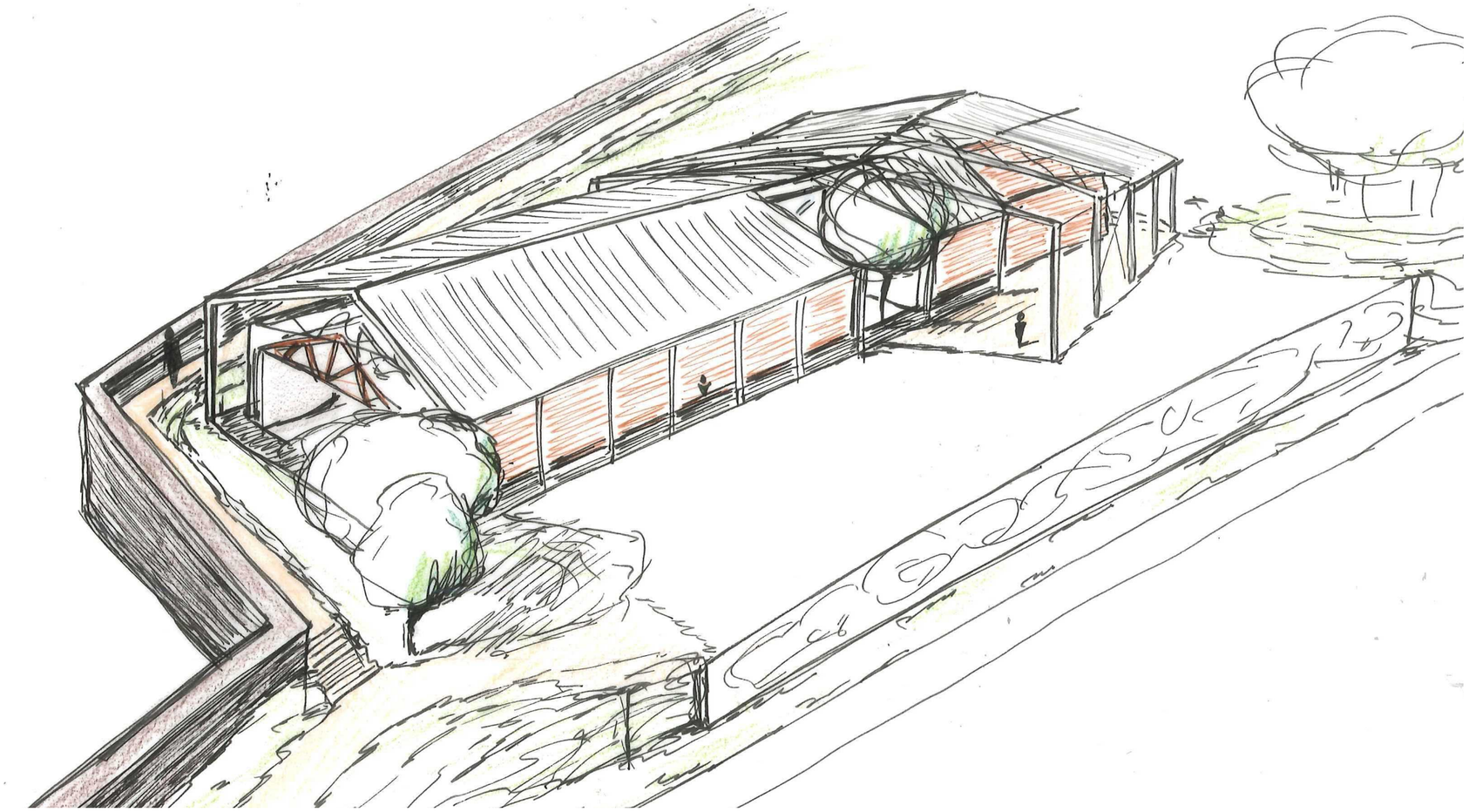
Material

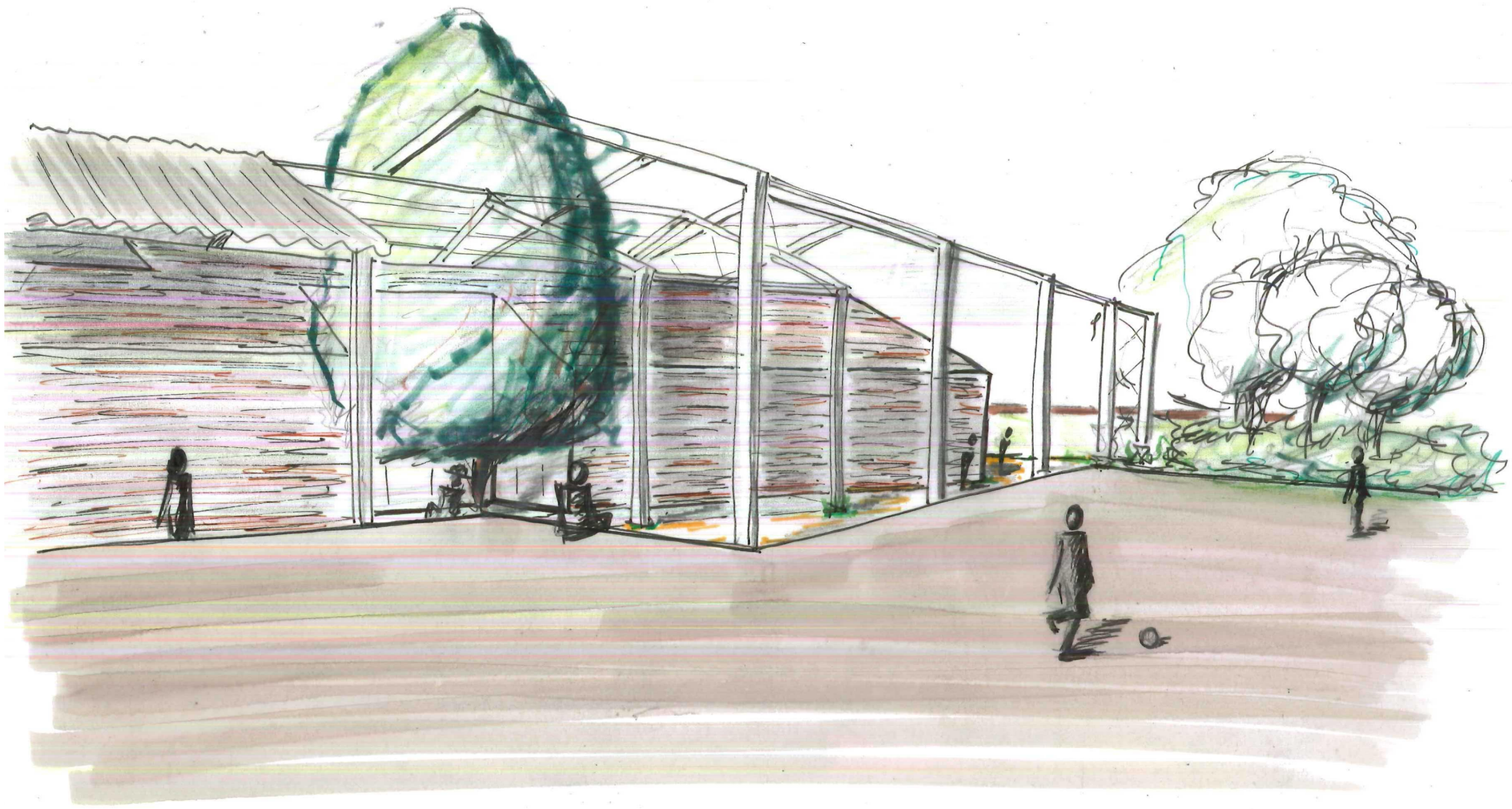
Community

Form

Use

Specific layers





Thank you