

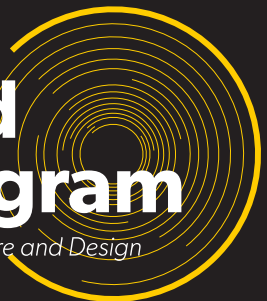
Philip Tidwell

Department of Architecture-
Aalto University



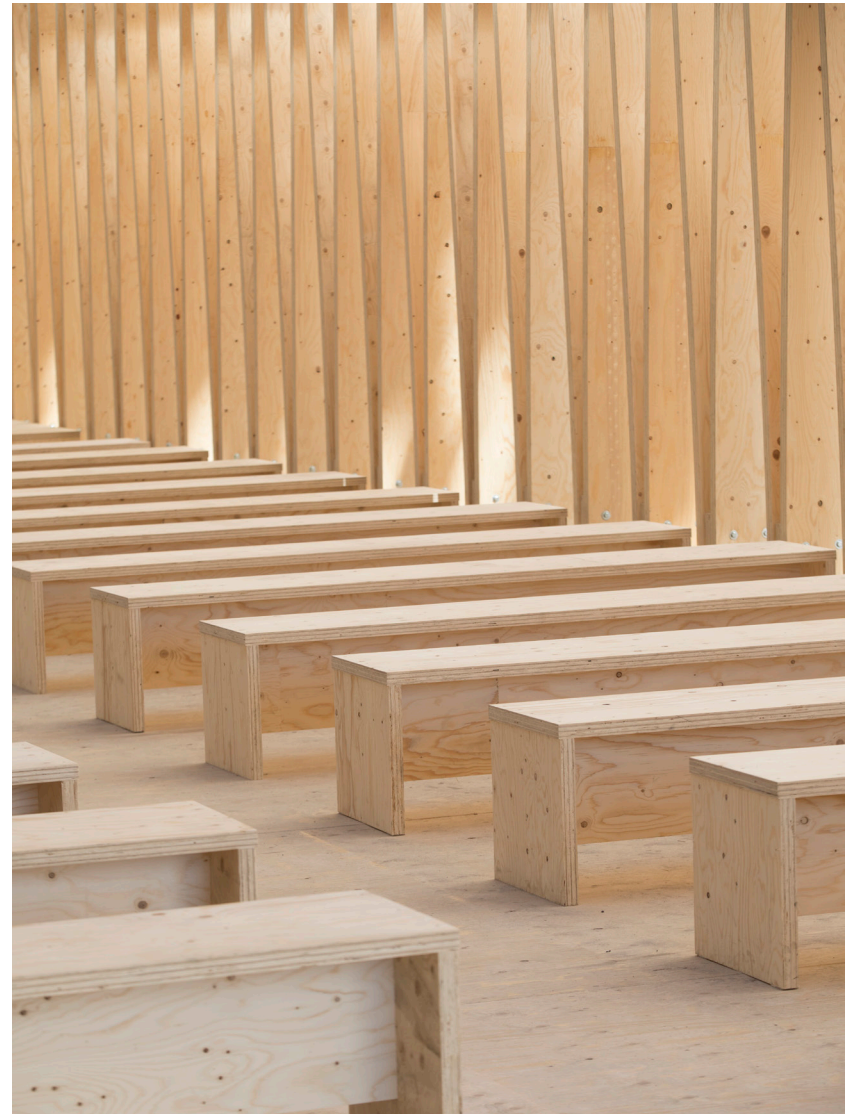
Aalto University
School of Arts, Design
and Architecture

**Wood
Program**
in Architecture and Design





Säie



Aikalava















Église Saint-Séverin
Paris

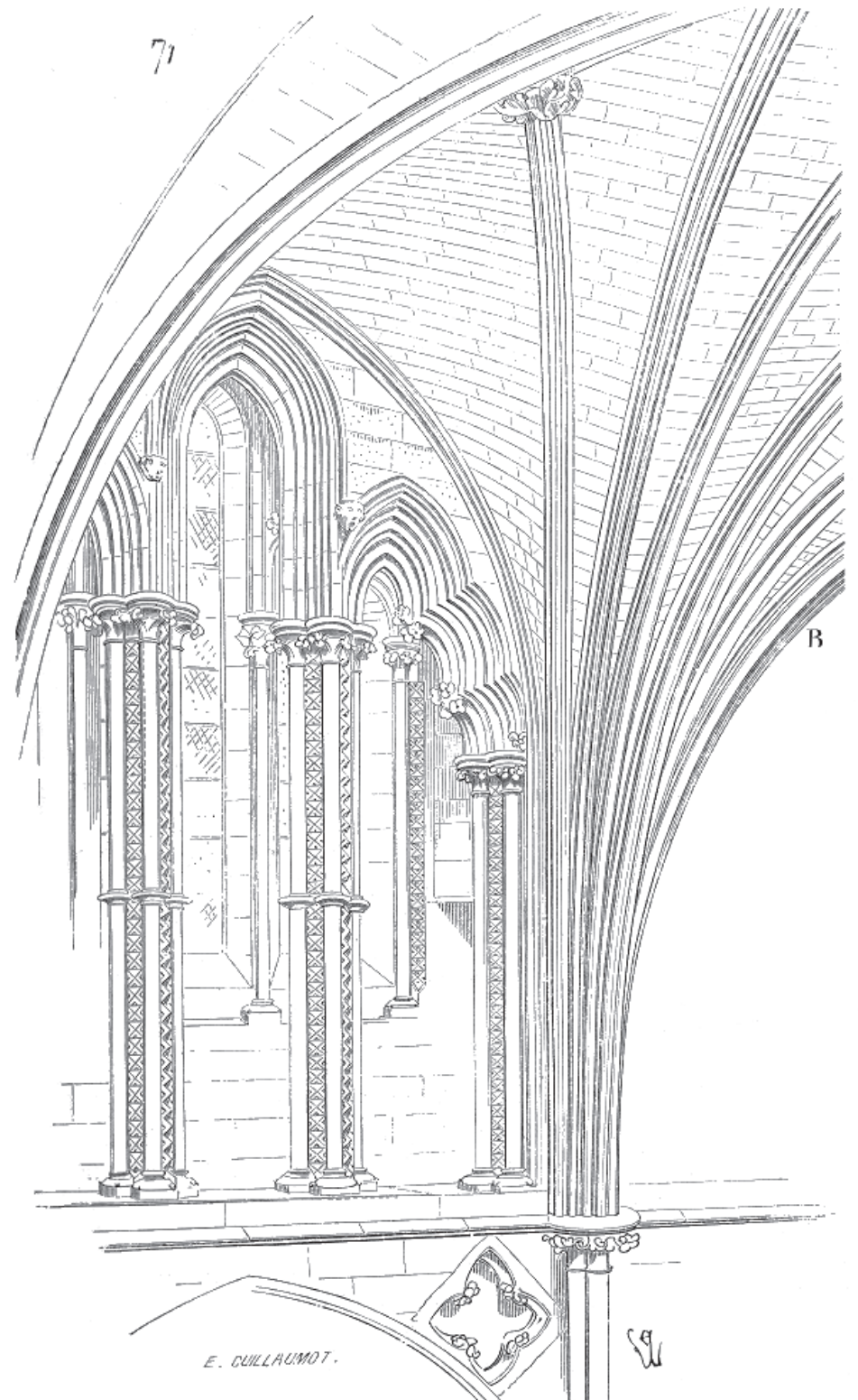


Illustration of Saint-Leu d'Esserent from *Dictionnaire Raisoné*
by Eugène Viollet-le-Duc. Paris, 1858-72
Drawings by E. Guillaumot

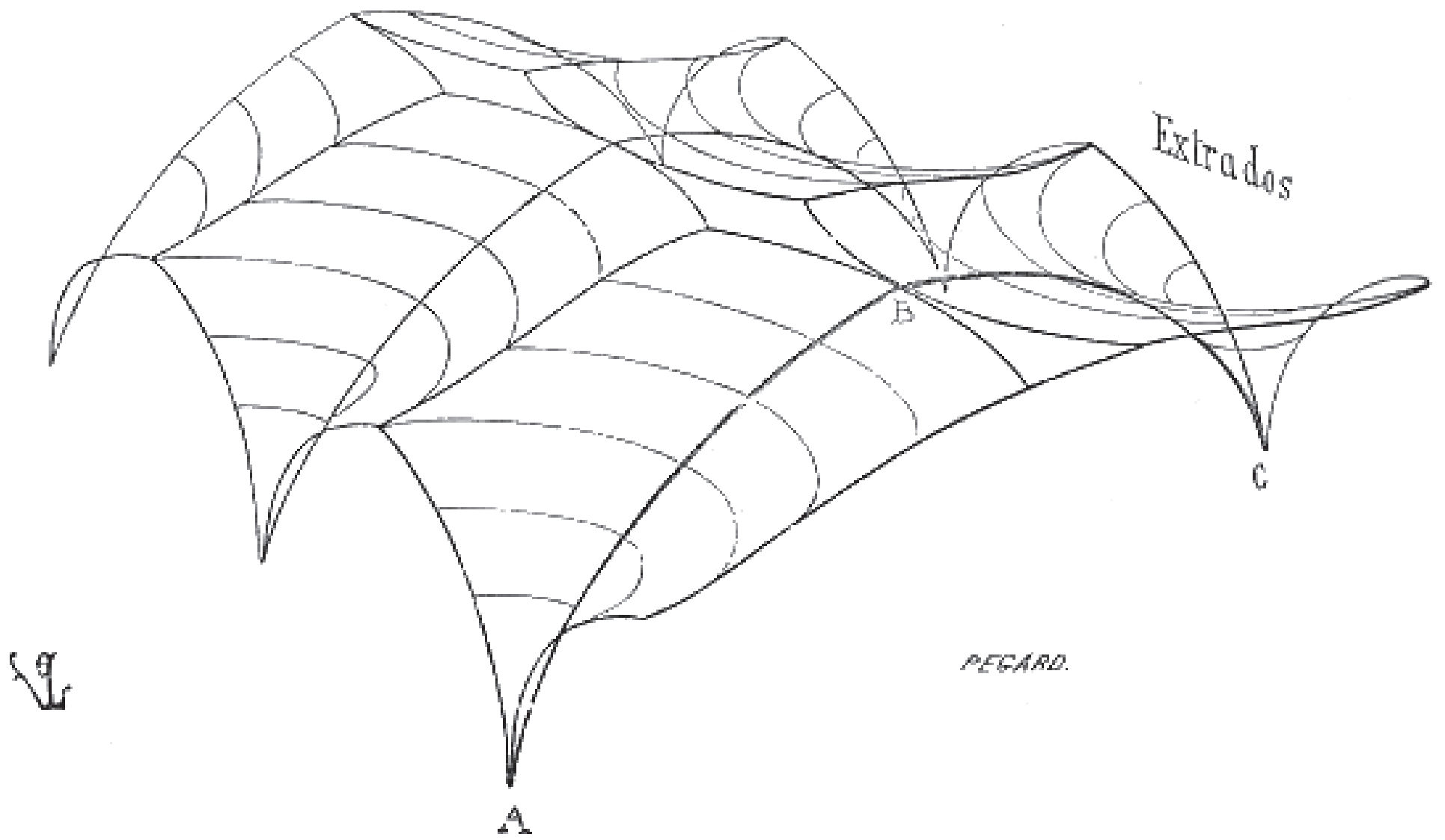
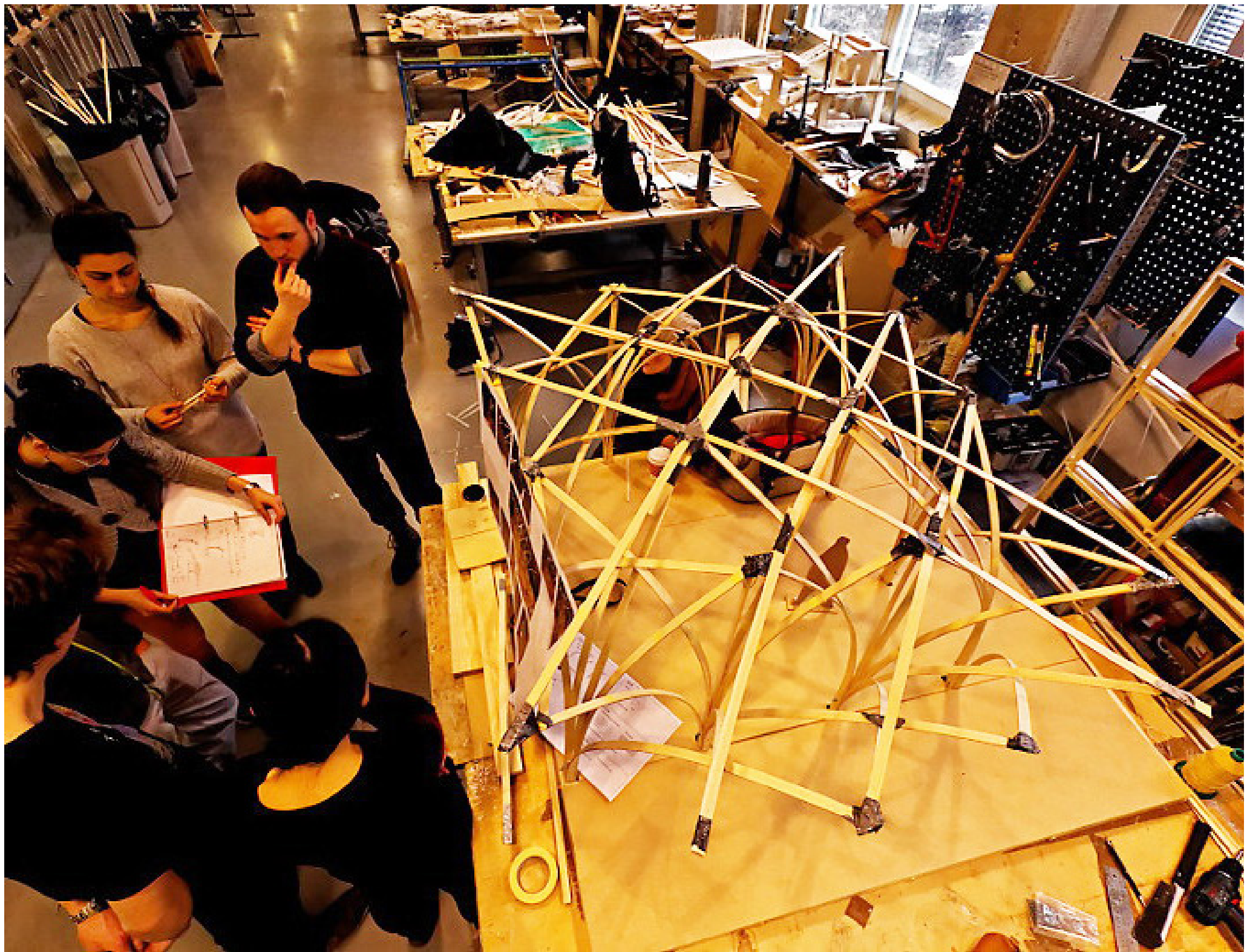
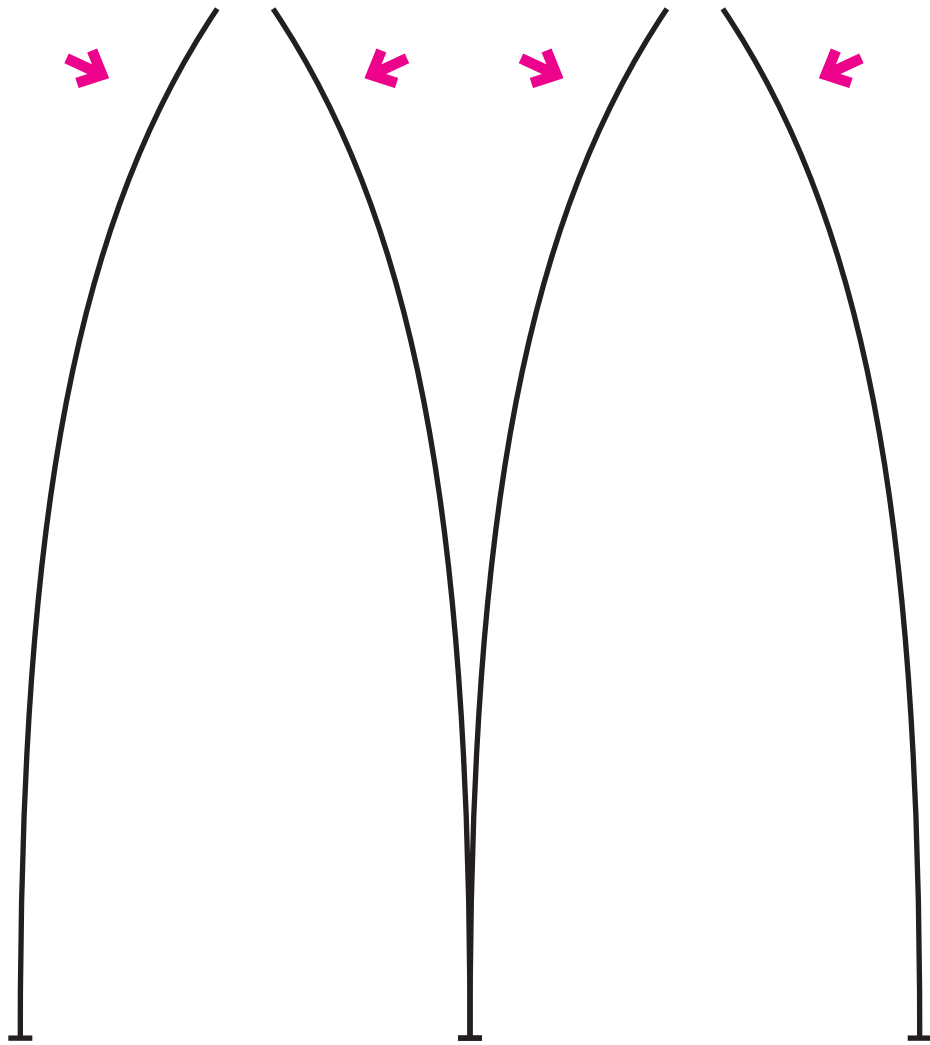
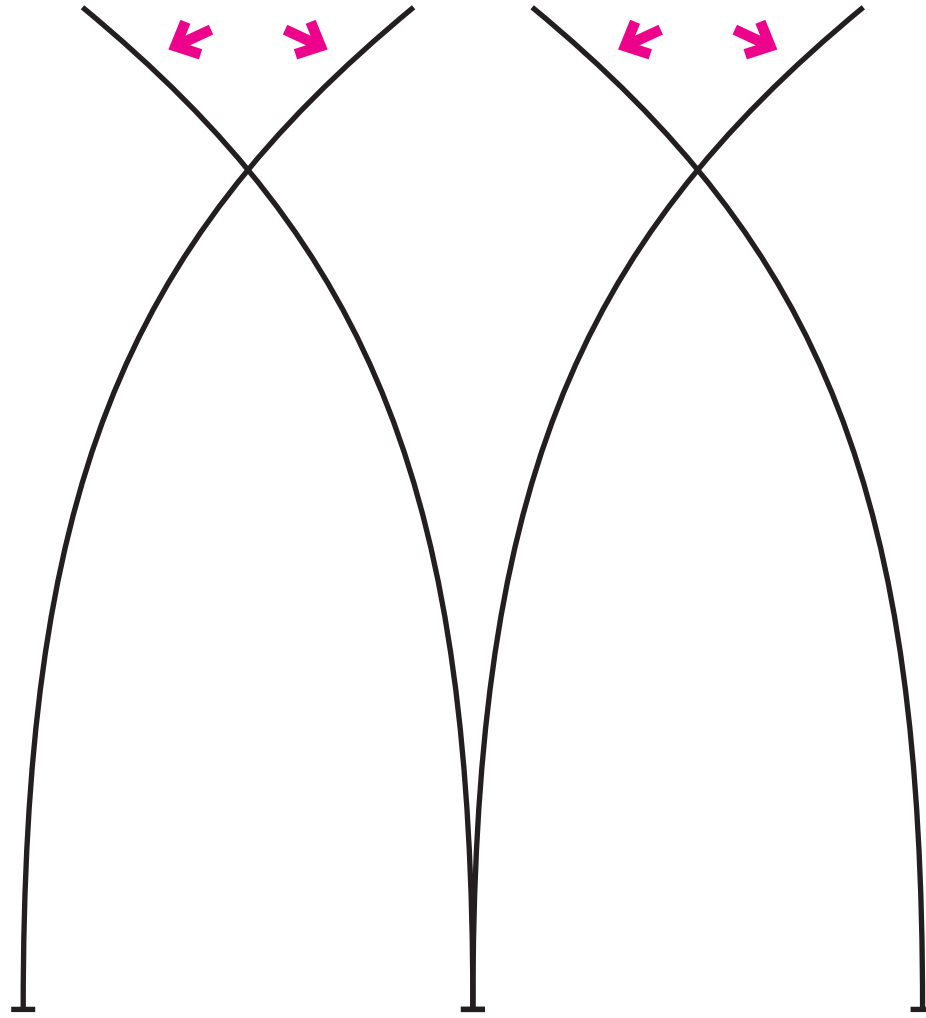


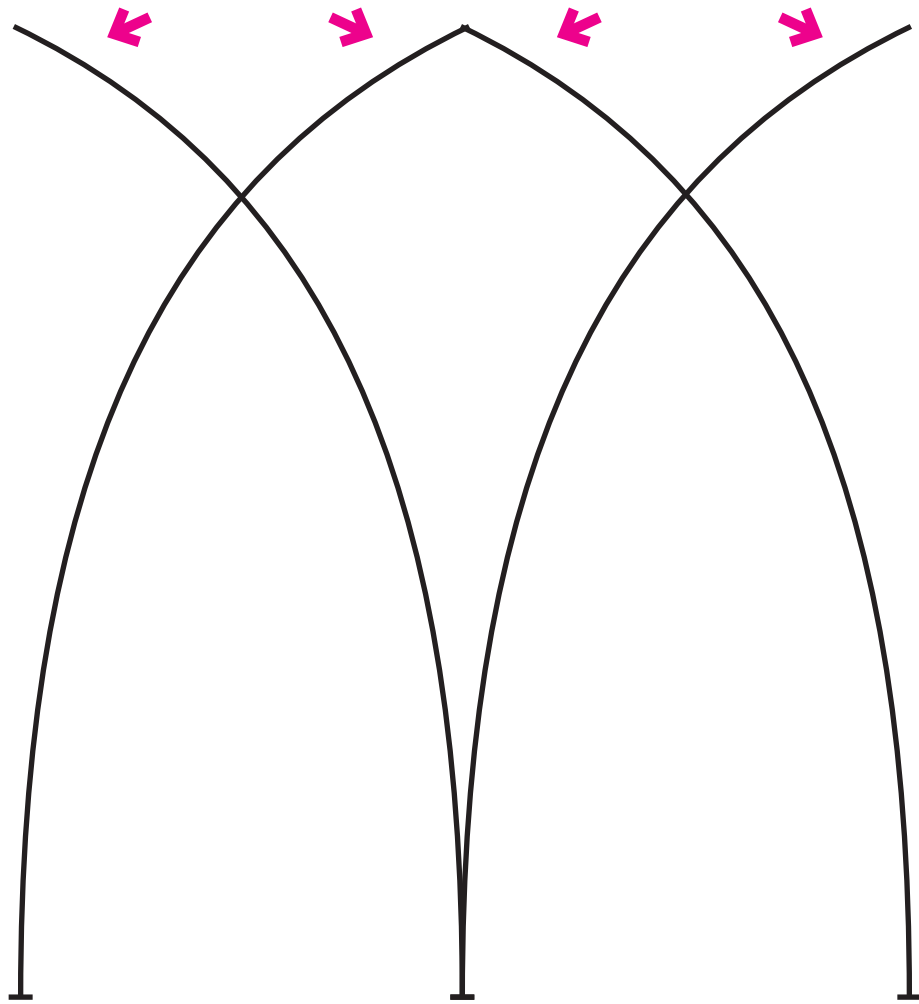
Illustration of Saint-Leu d'Esserent from *Dictionnaire Raisonné*
by Eugène Viollet-le-Duc. Paris, 1858-72
Drawings by A. Pégard

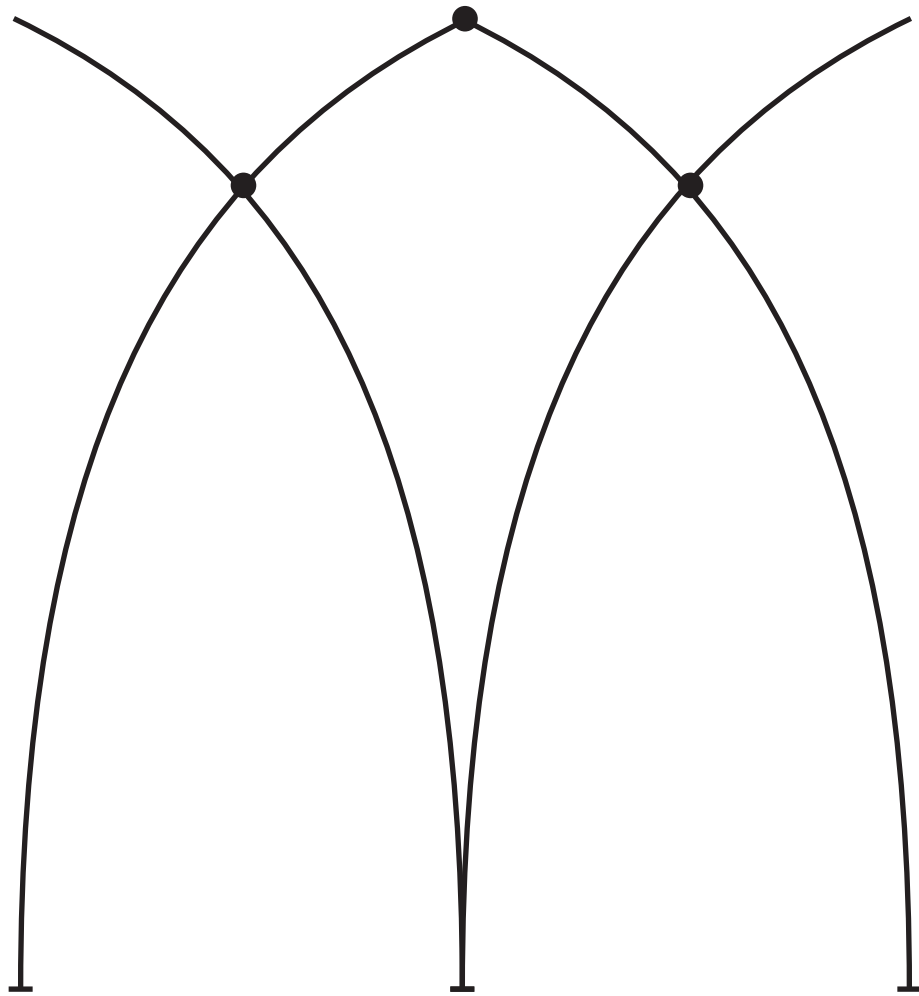


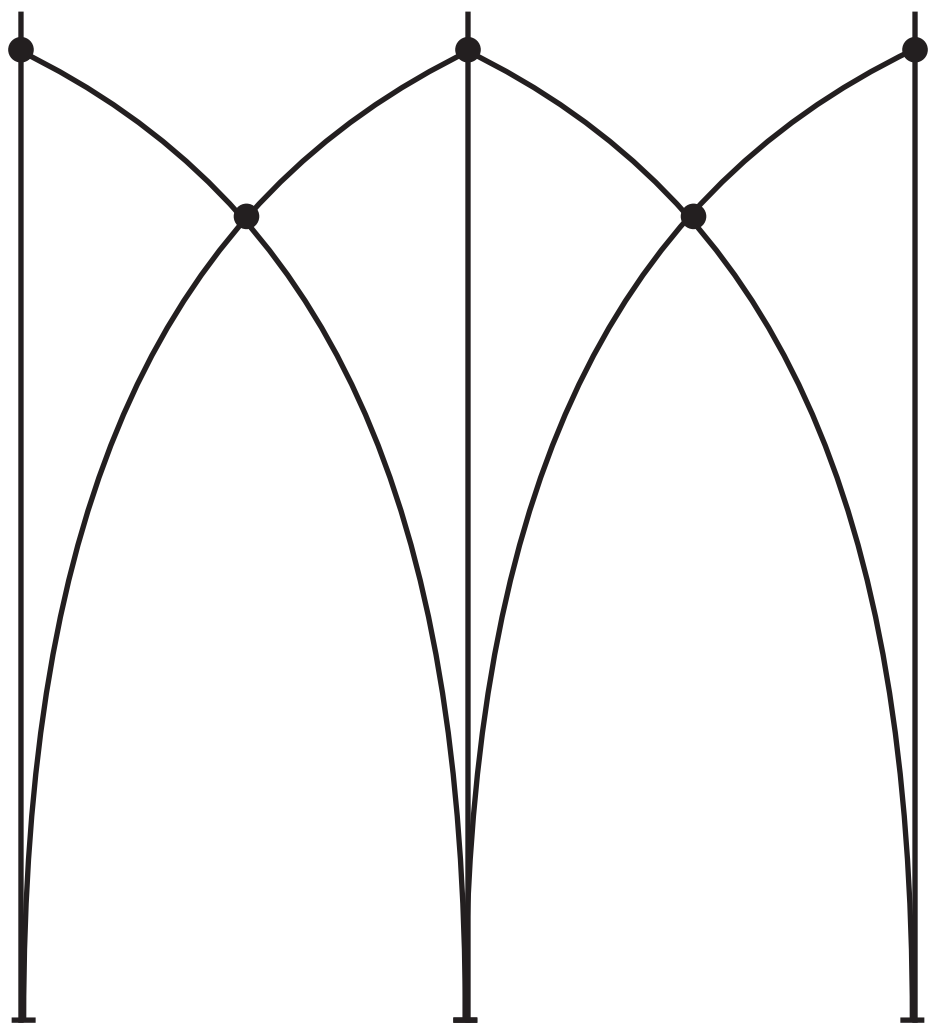


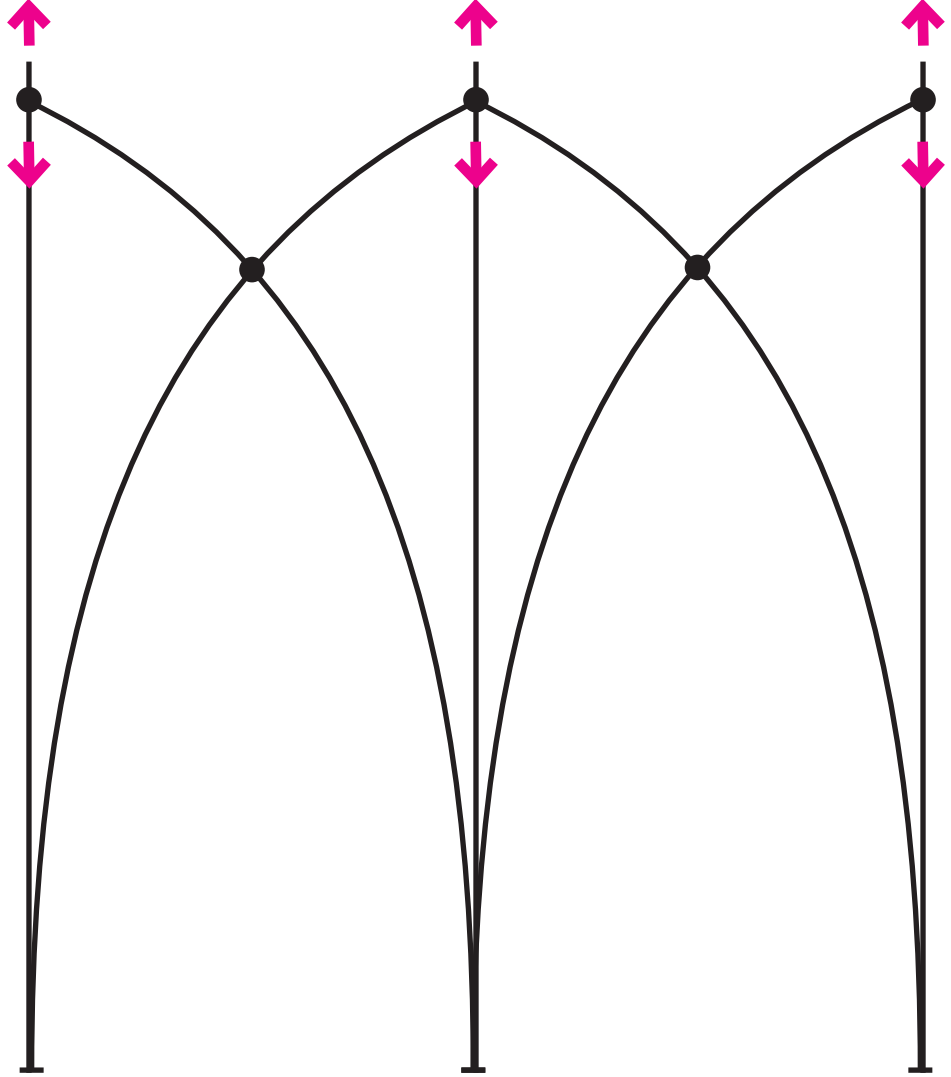




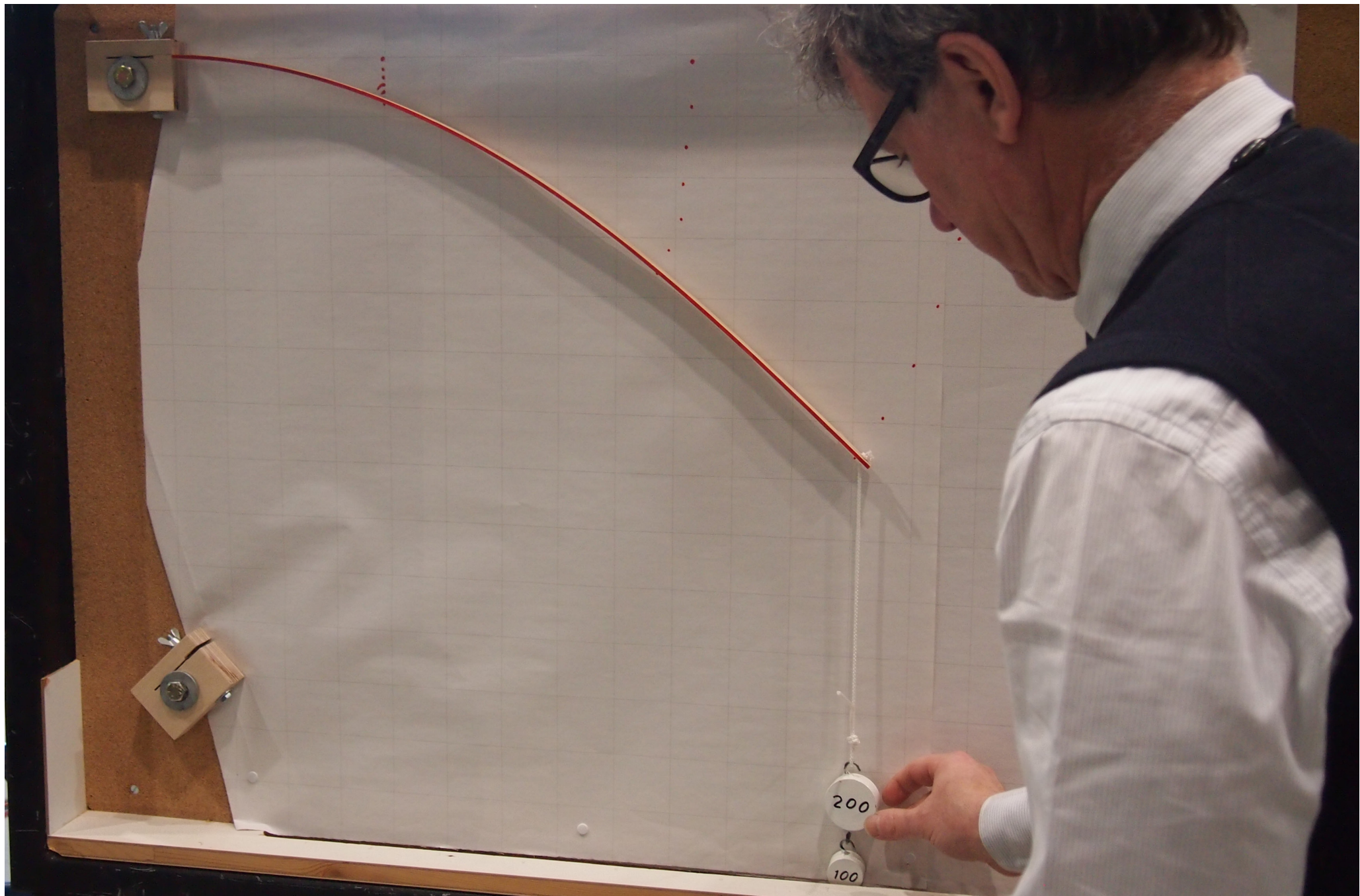


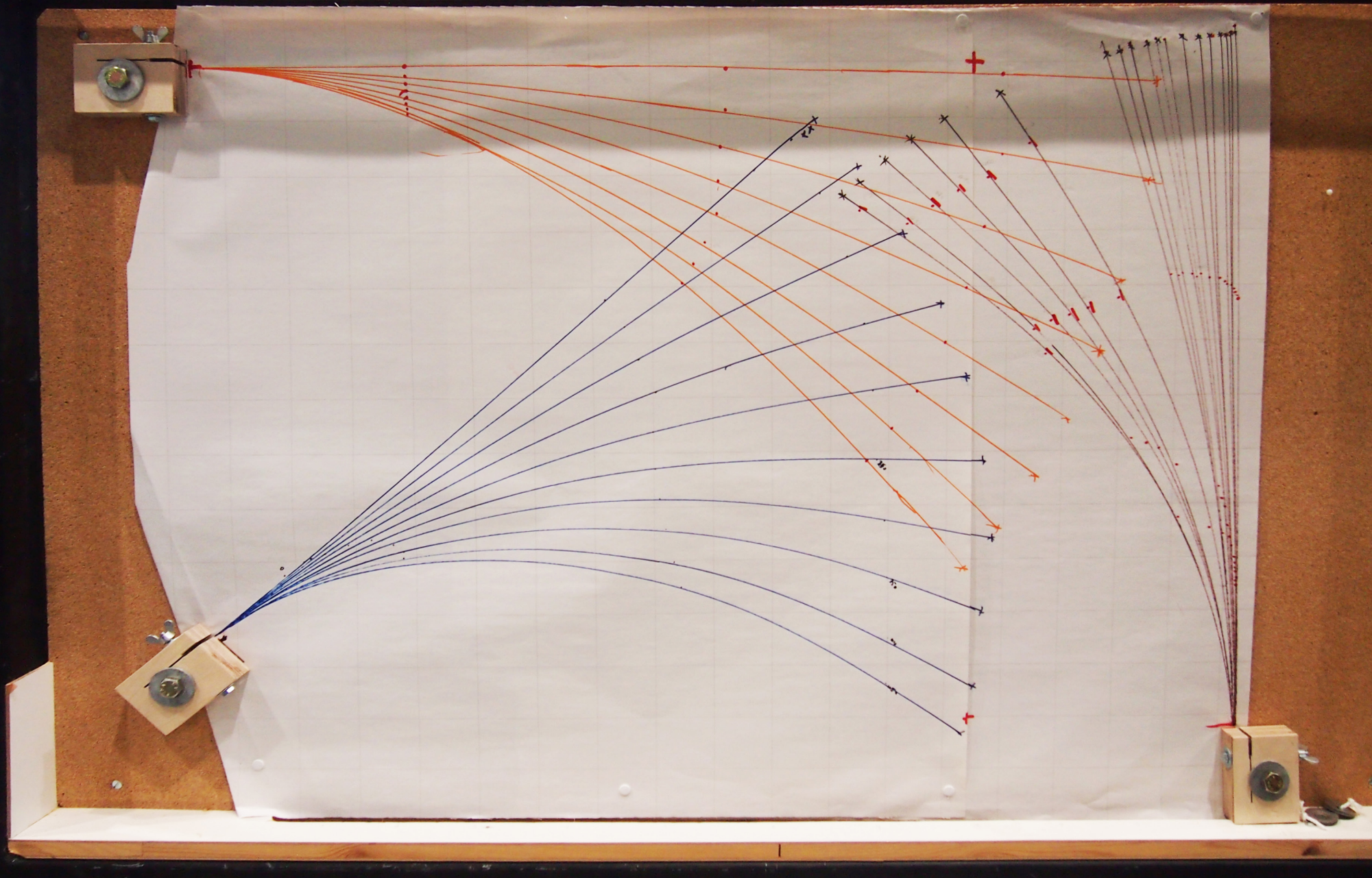


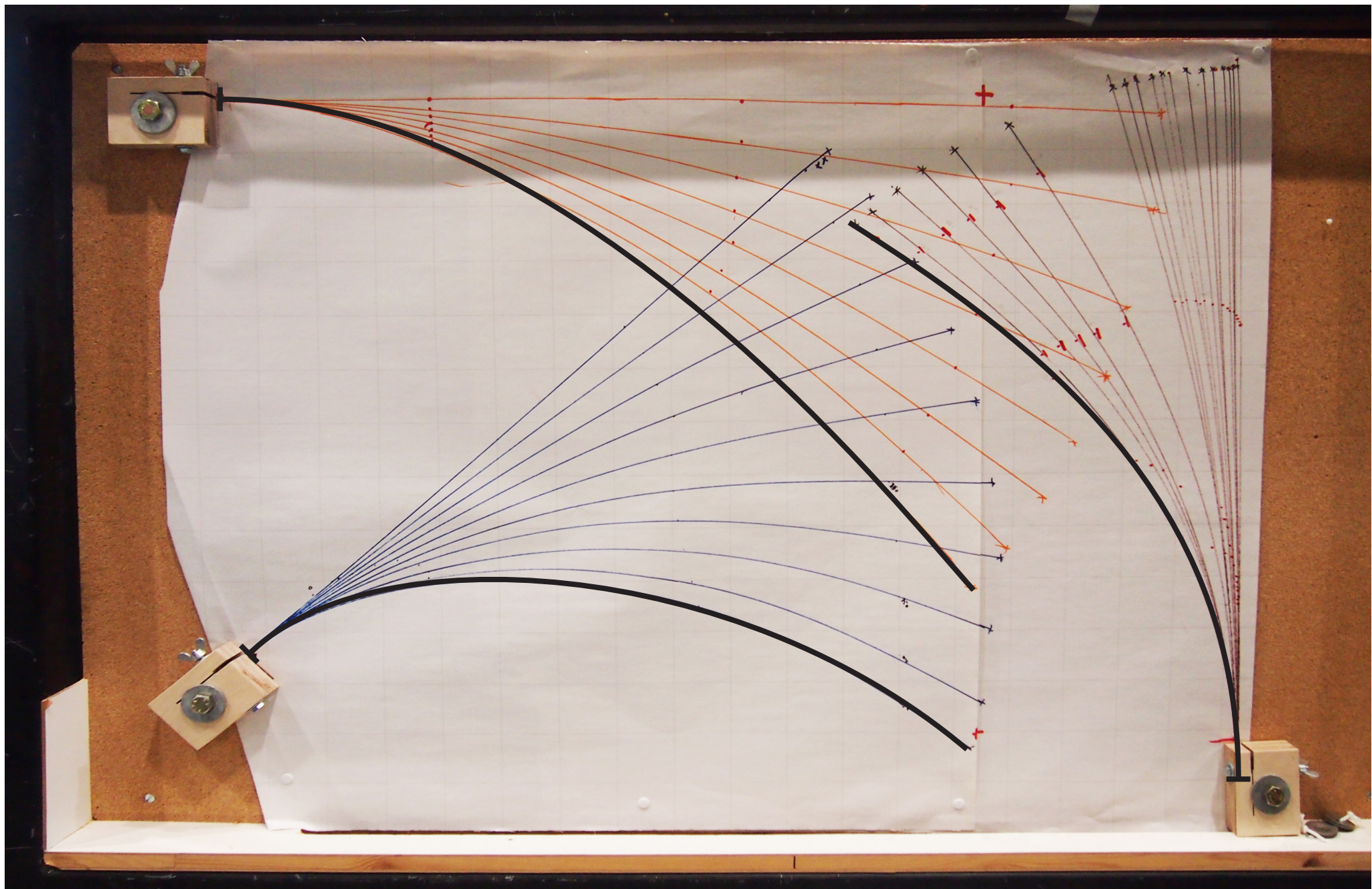


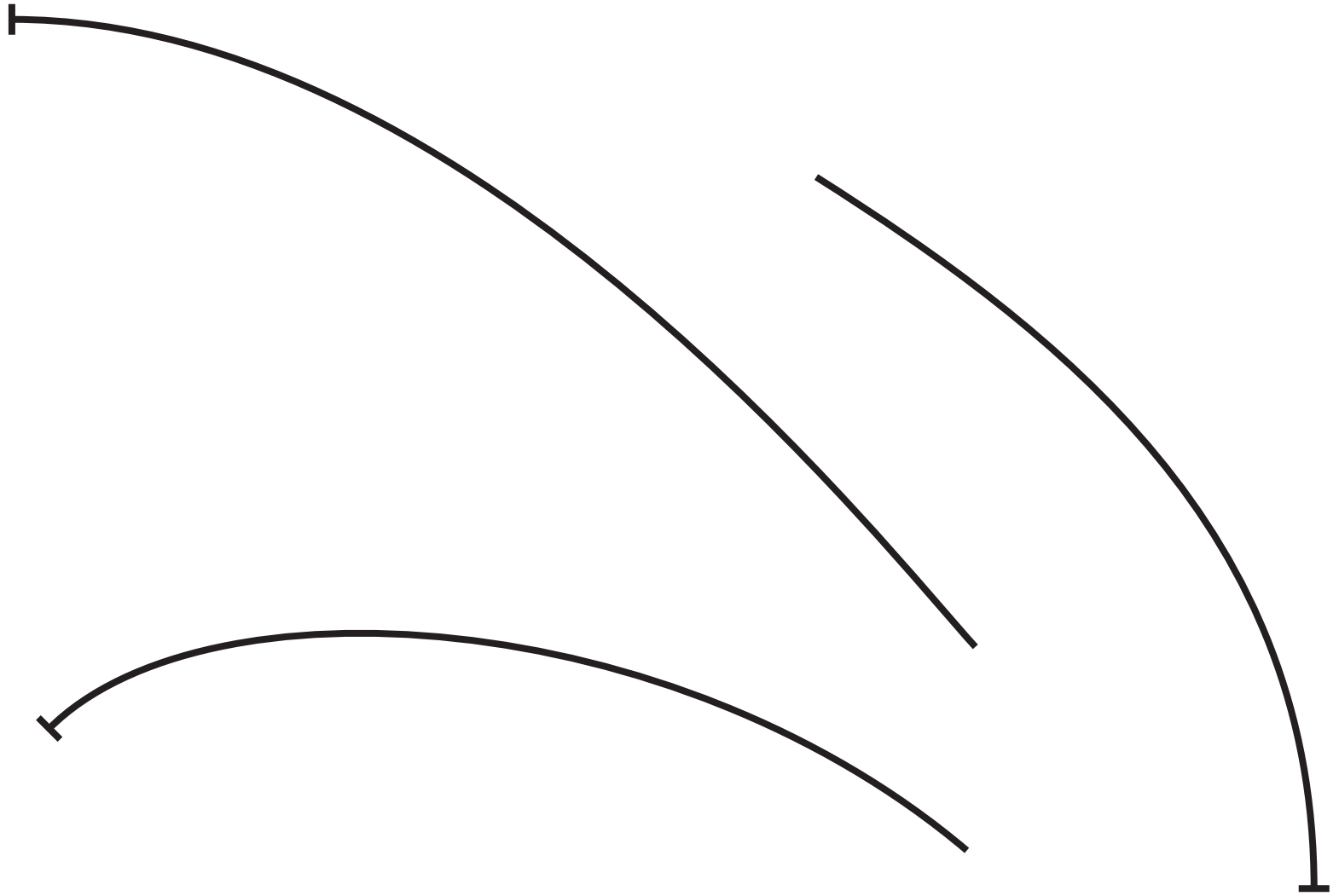






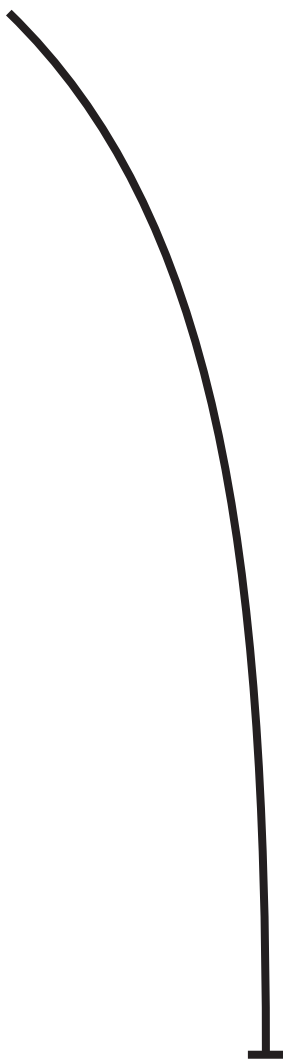


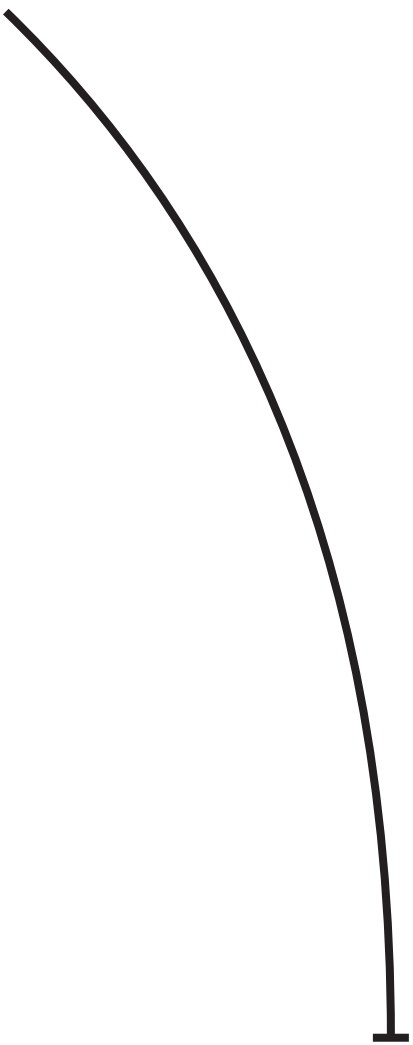


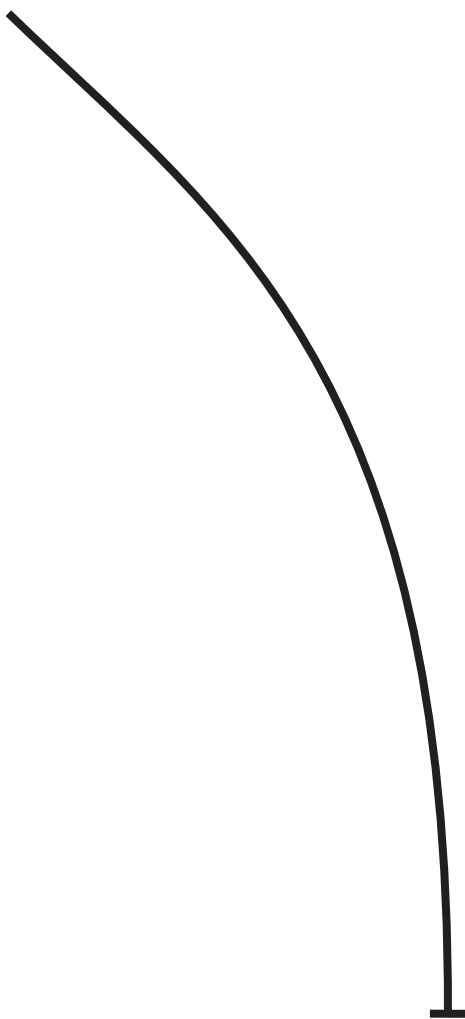


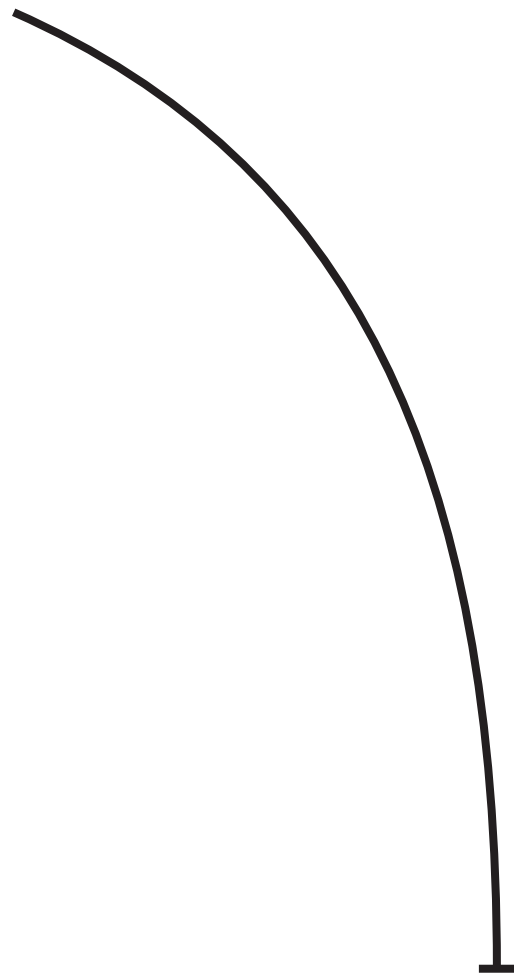


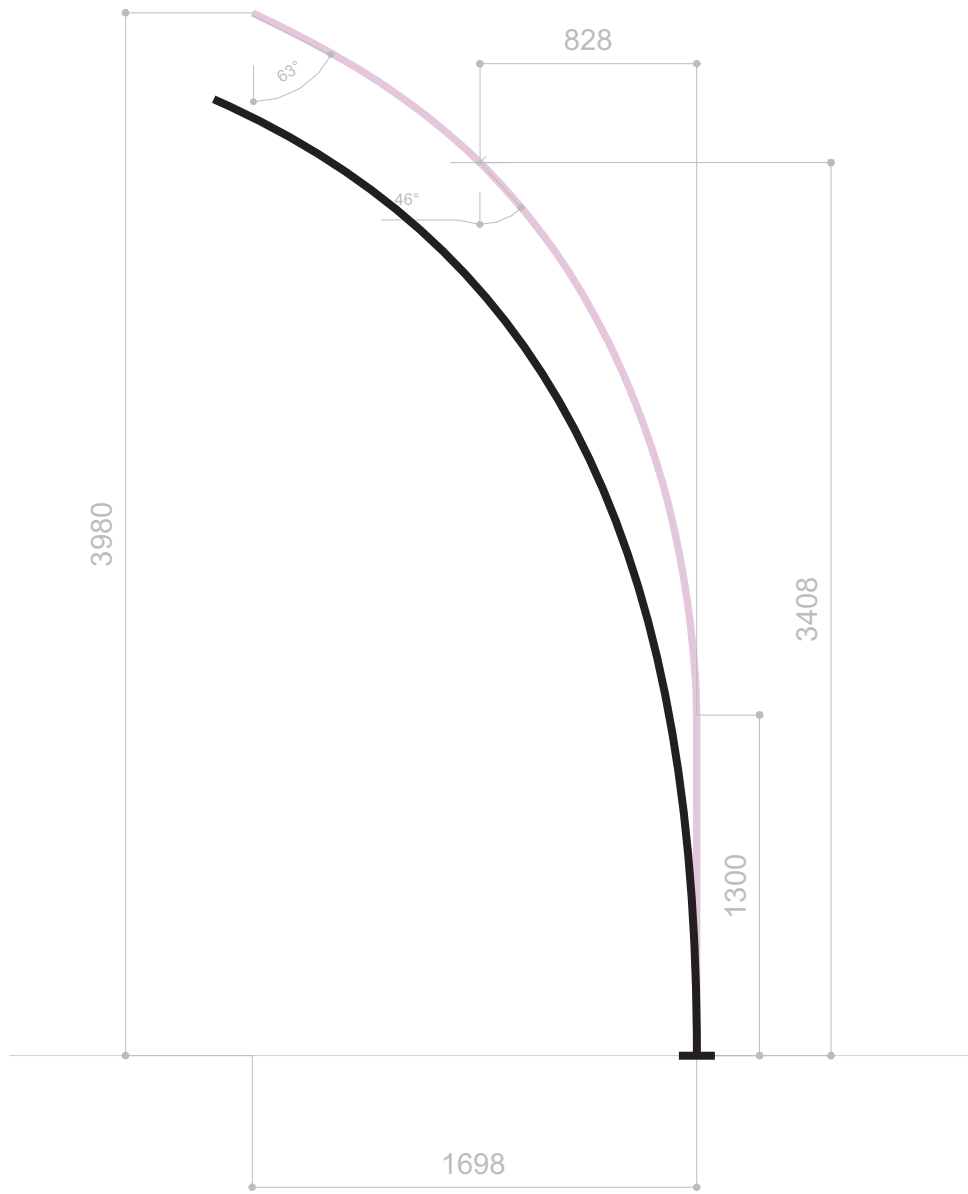


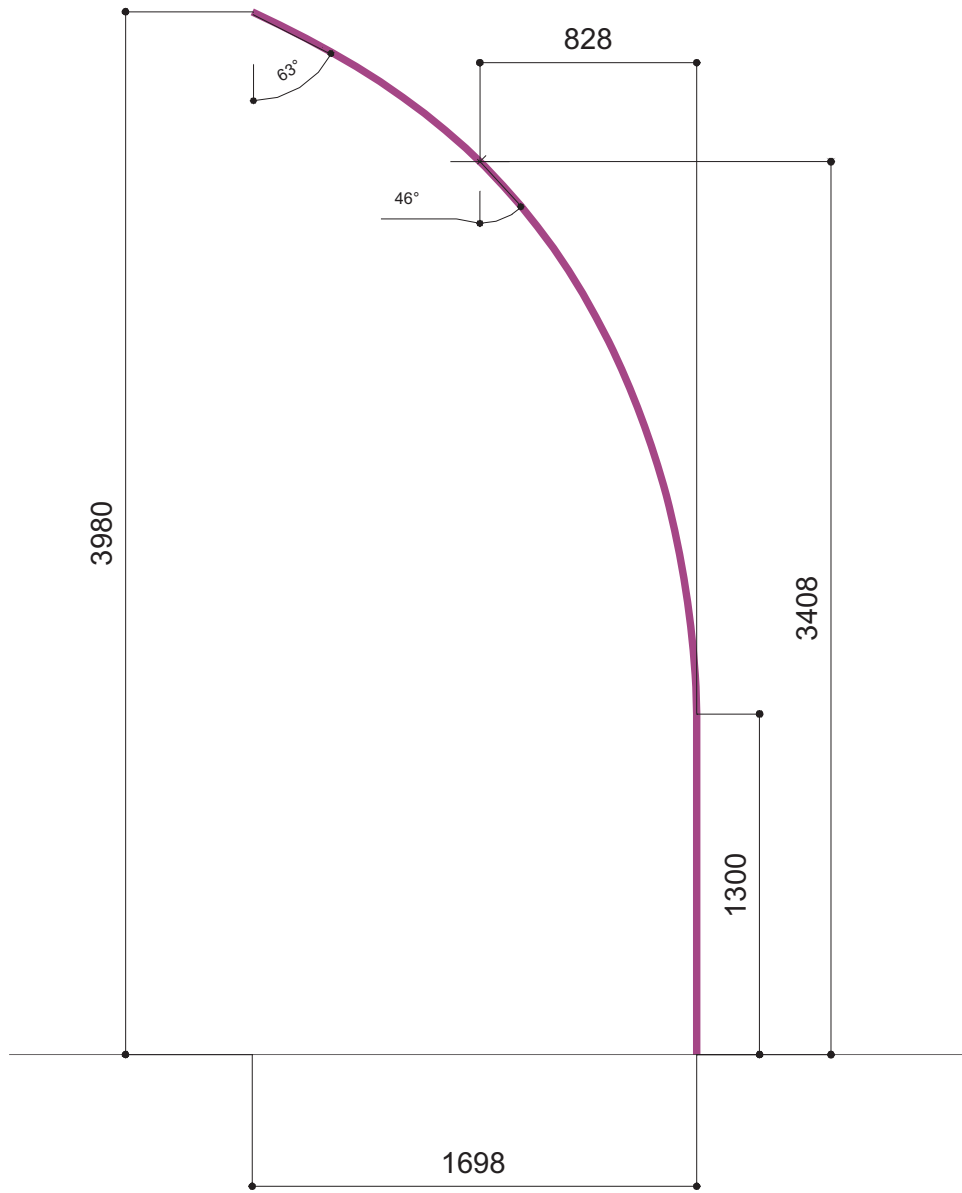


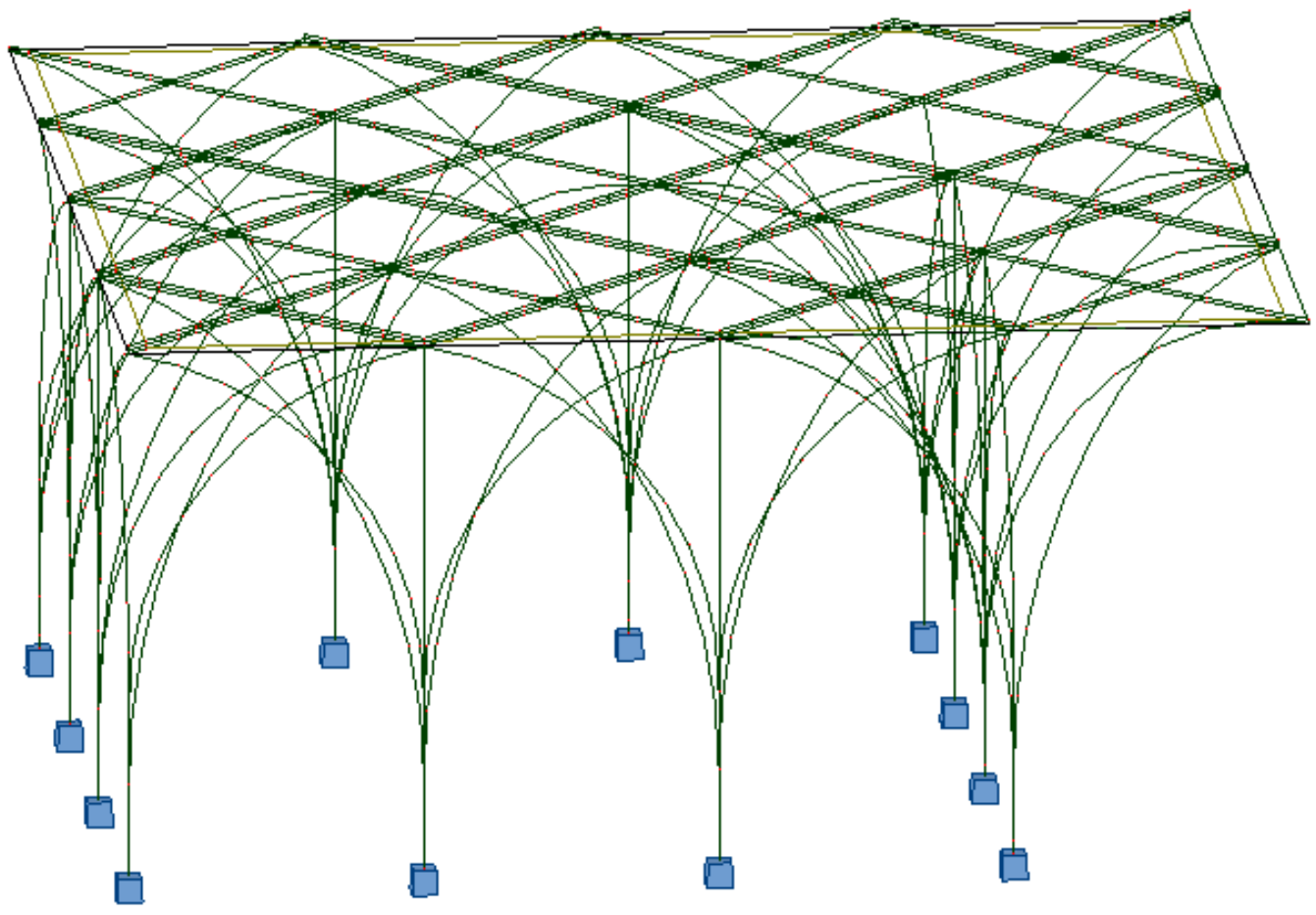


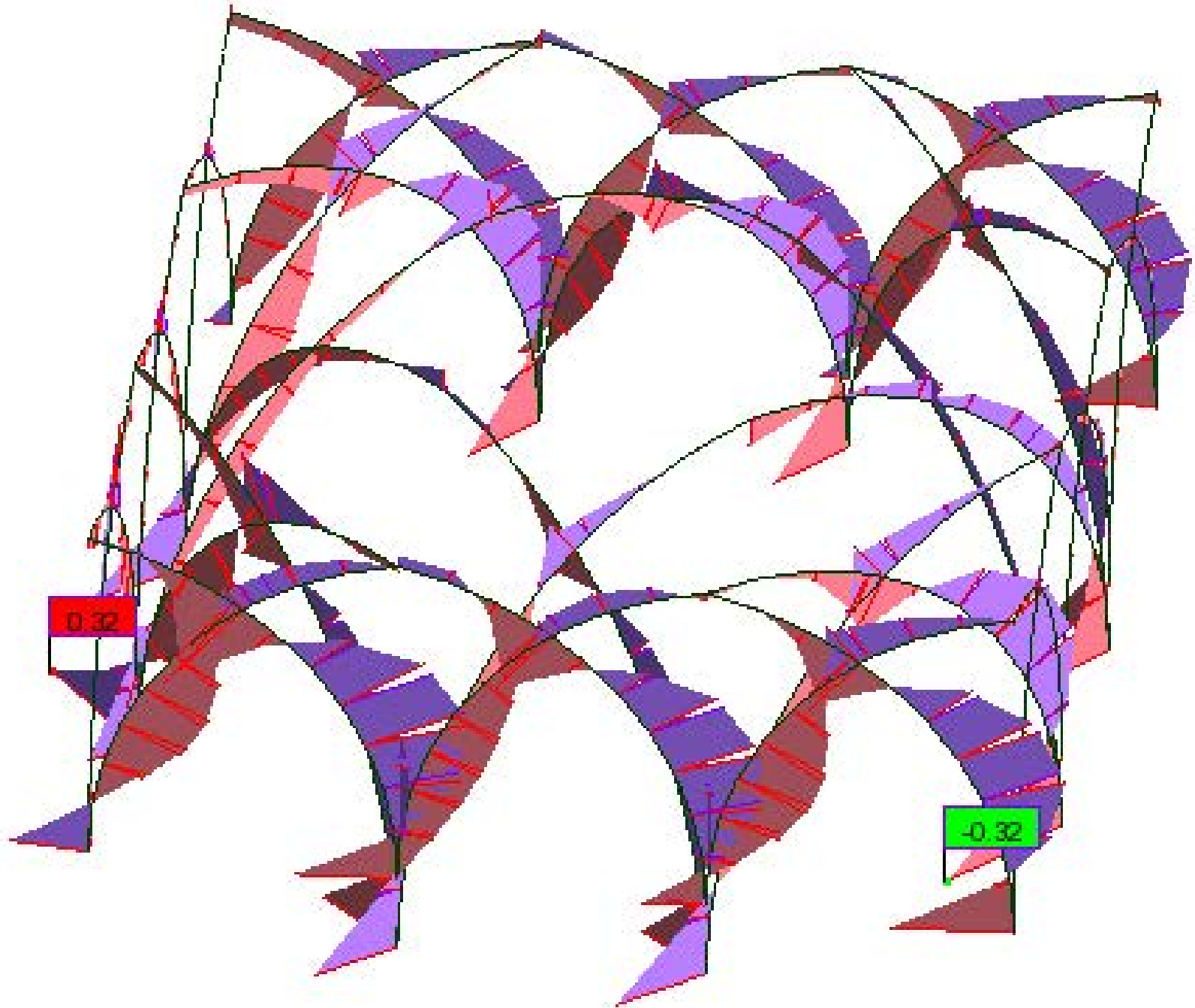


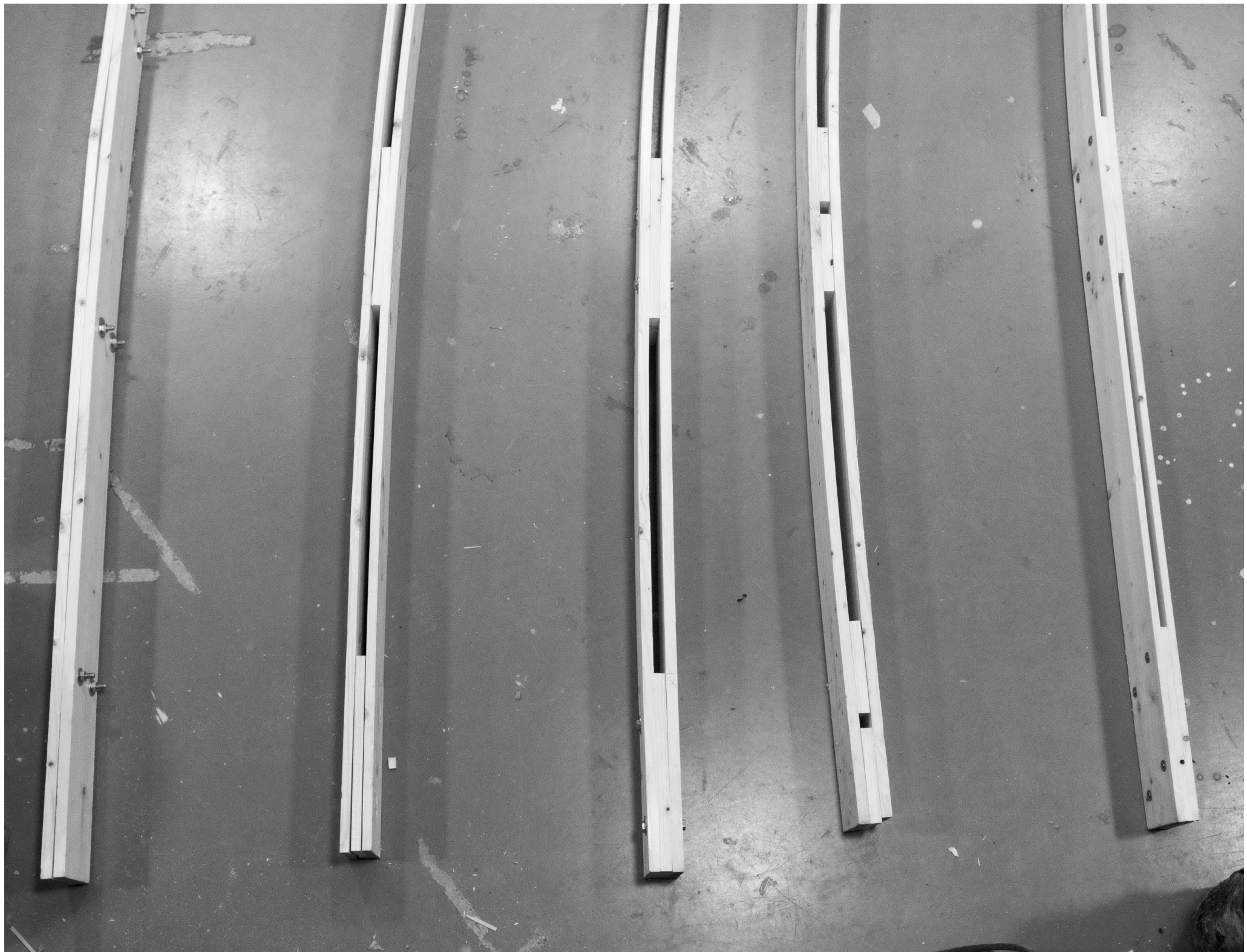




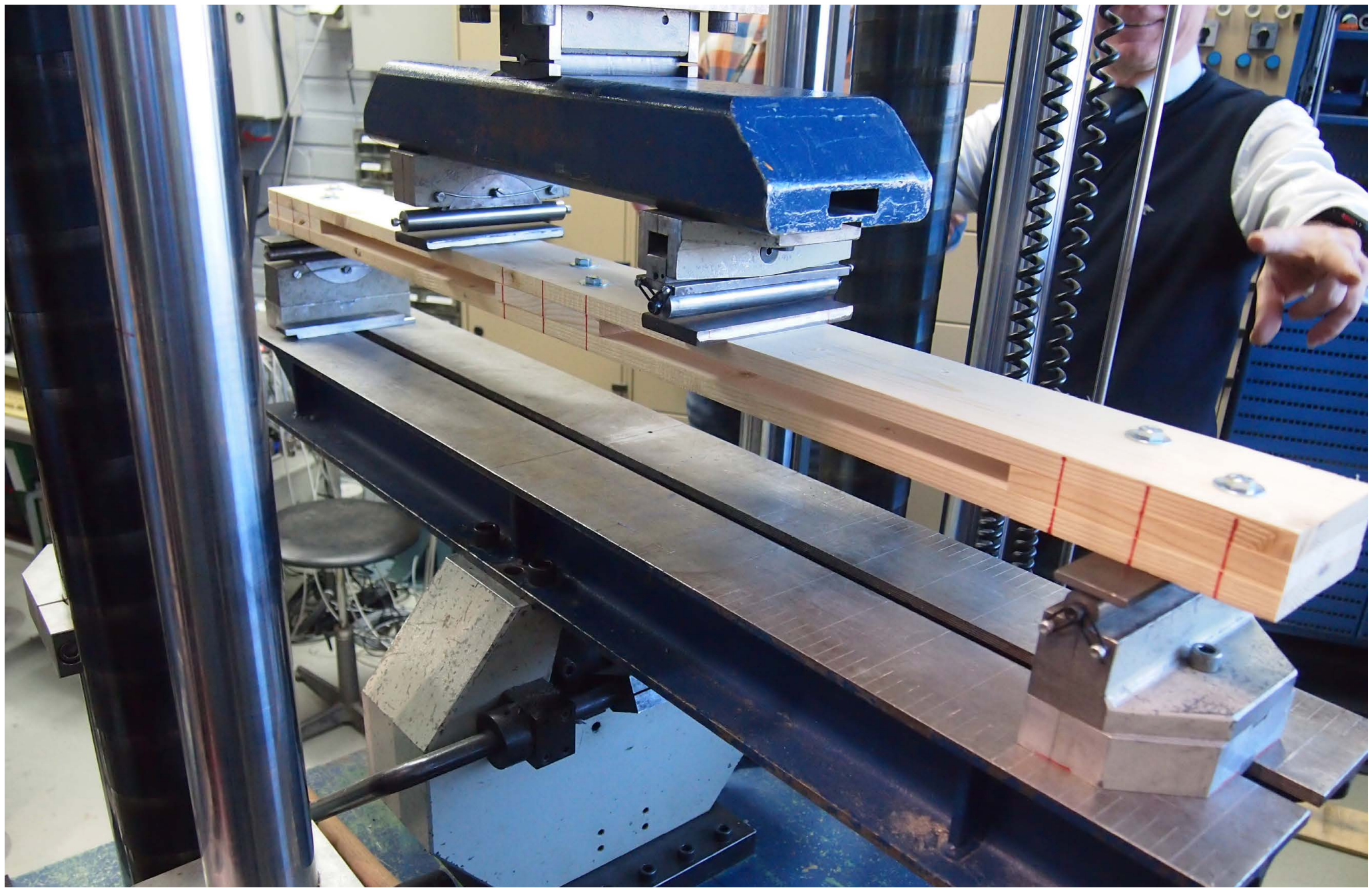


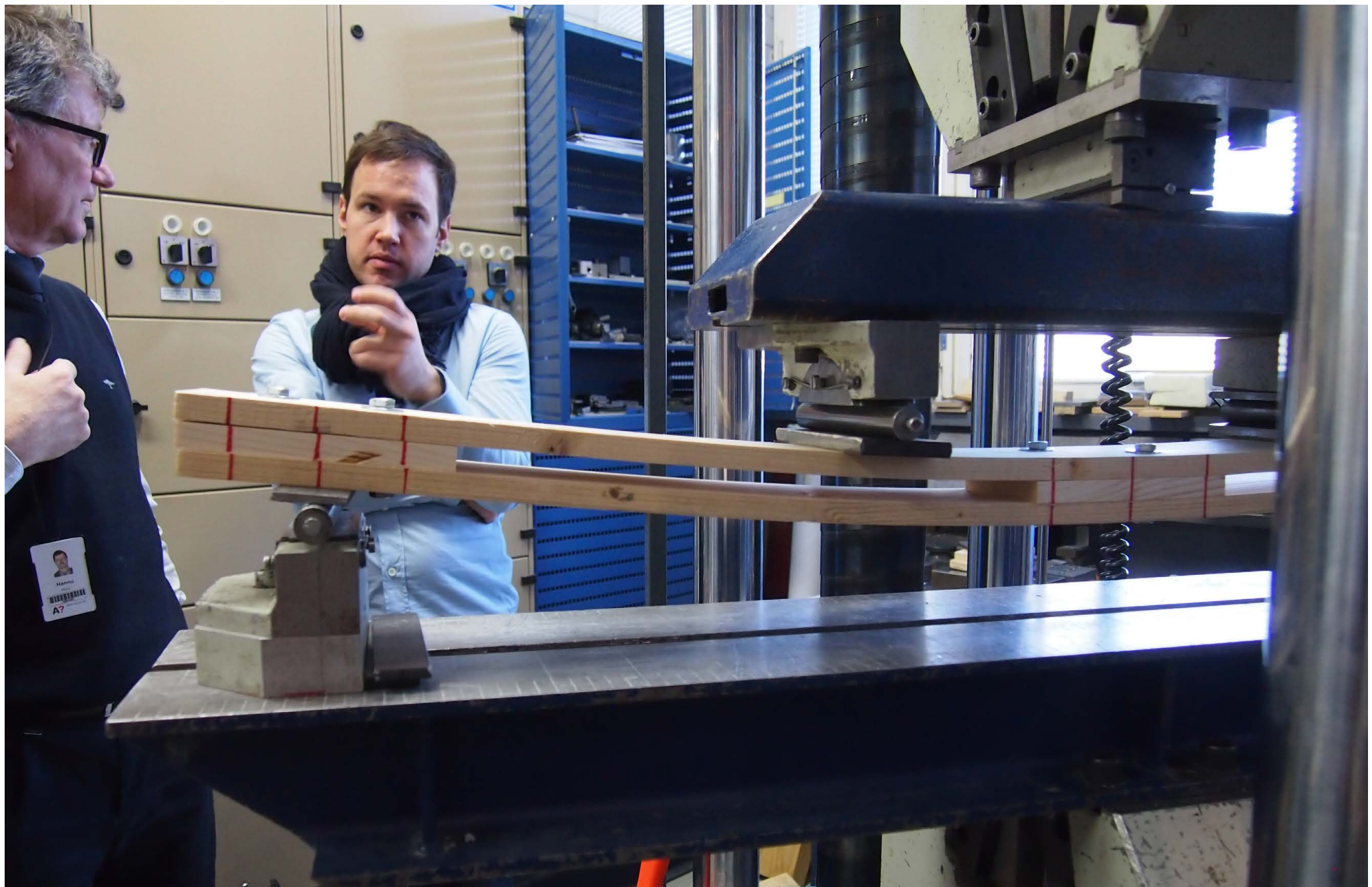












CC4 A / CC4 B

2

3

CC3

3

3

2

2

2

2

2

2

1300

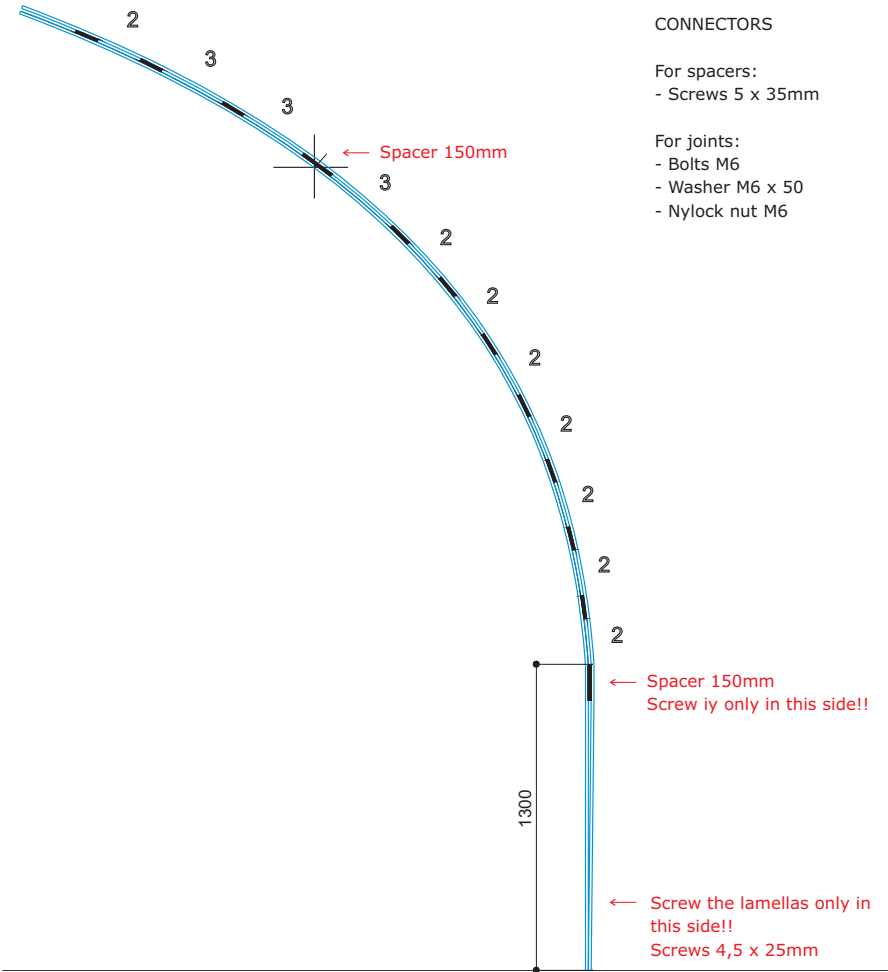
← Spacer 150mm
Screw it only in this side!!

← Screw the lamellas only in this side!!
Screws 4,5 x 25mm

CONNECTORS

For spacers:
- Screws 5 x 35mm

For joints:
- Bolts M6
- Washer M6 x 50
- Nylock nut M6



CONNECTORS

For spacers:
- Screws 5 x 35mm

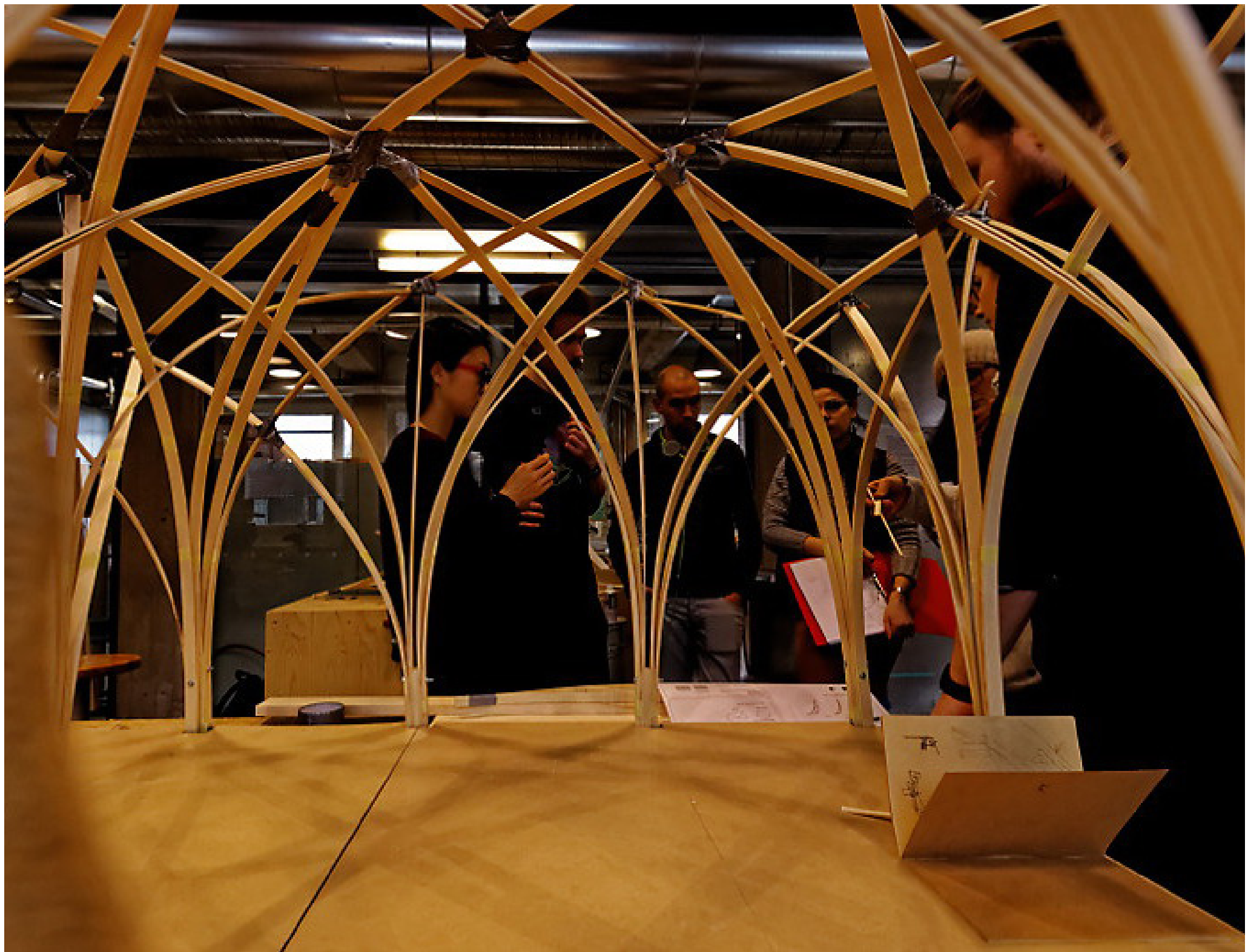
For joints:
- Bolts M6
- Washer M6 x 50
- Nylock nut M6

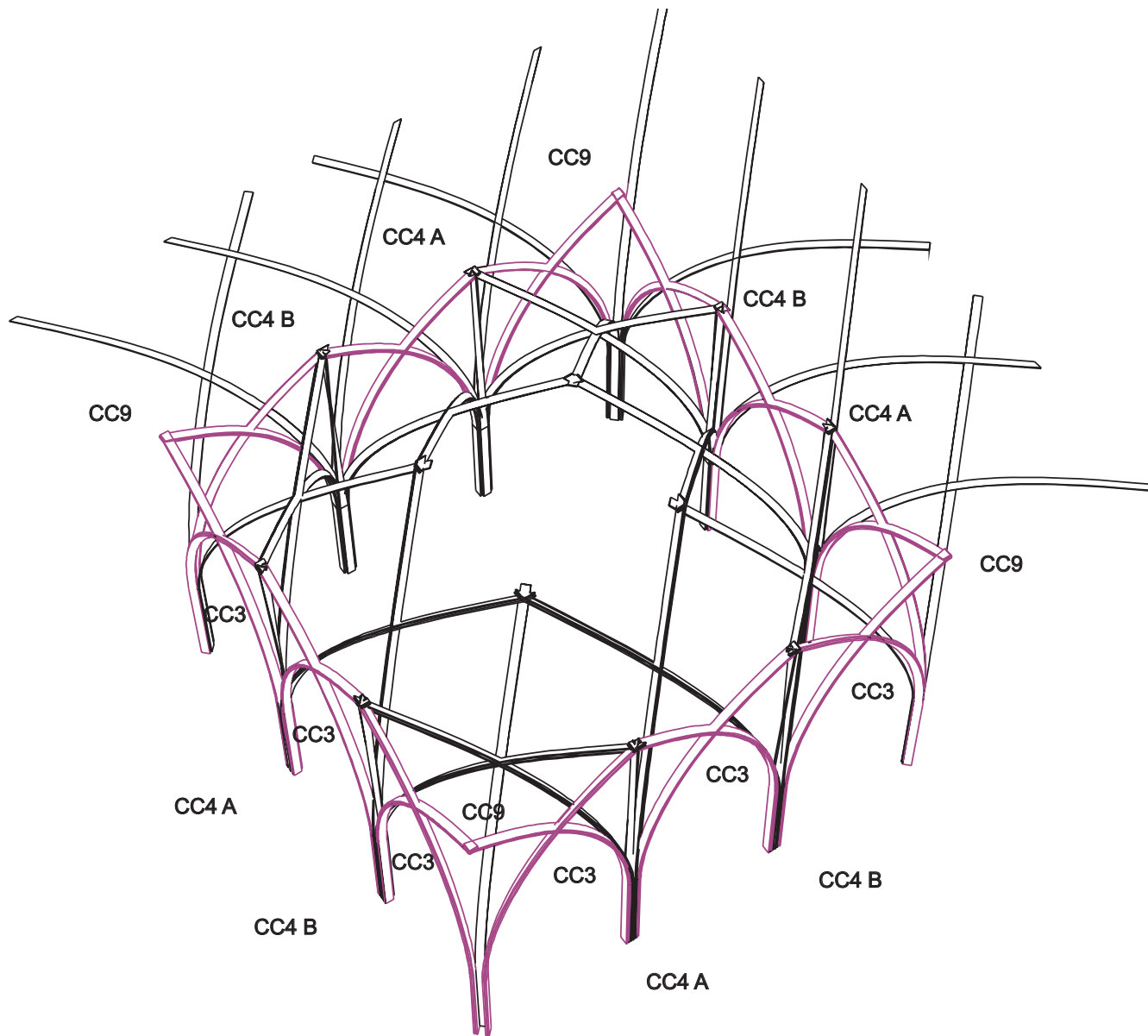
← Spacer 150mm

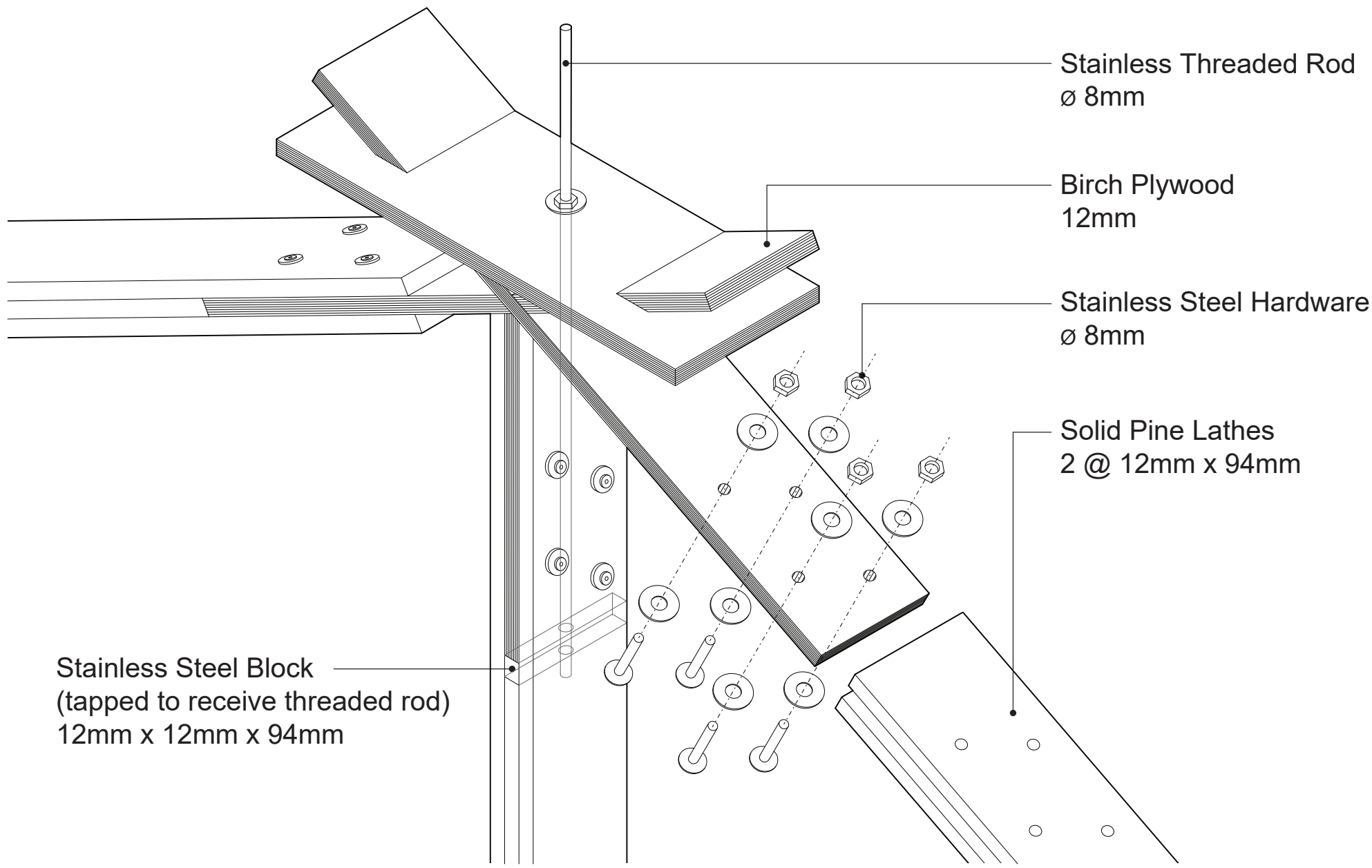
← Spacer 150mm
Screw it only in this side!!

← Screw the lamellas only in this side!!
Screws 4,5 x 25mm

1300







Stainless Threaded Rod
Ø 8mm

Birch Plywood
12mm

Stainless Steel Hardware
Ø 8mm

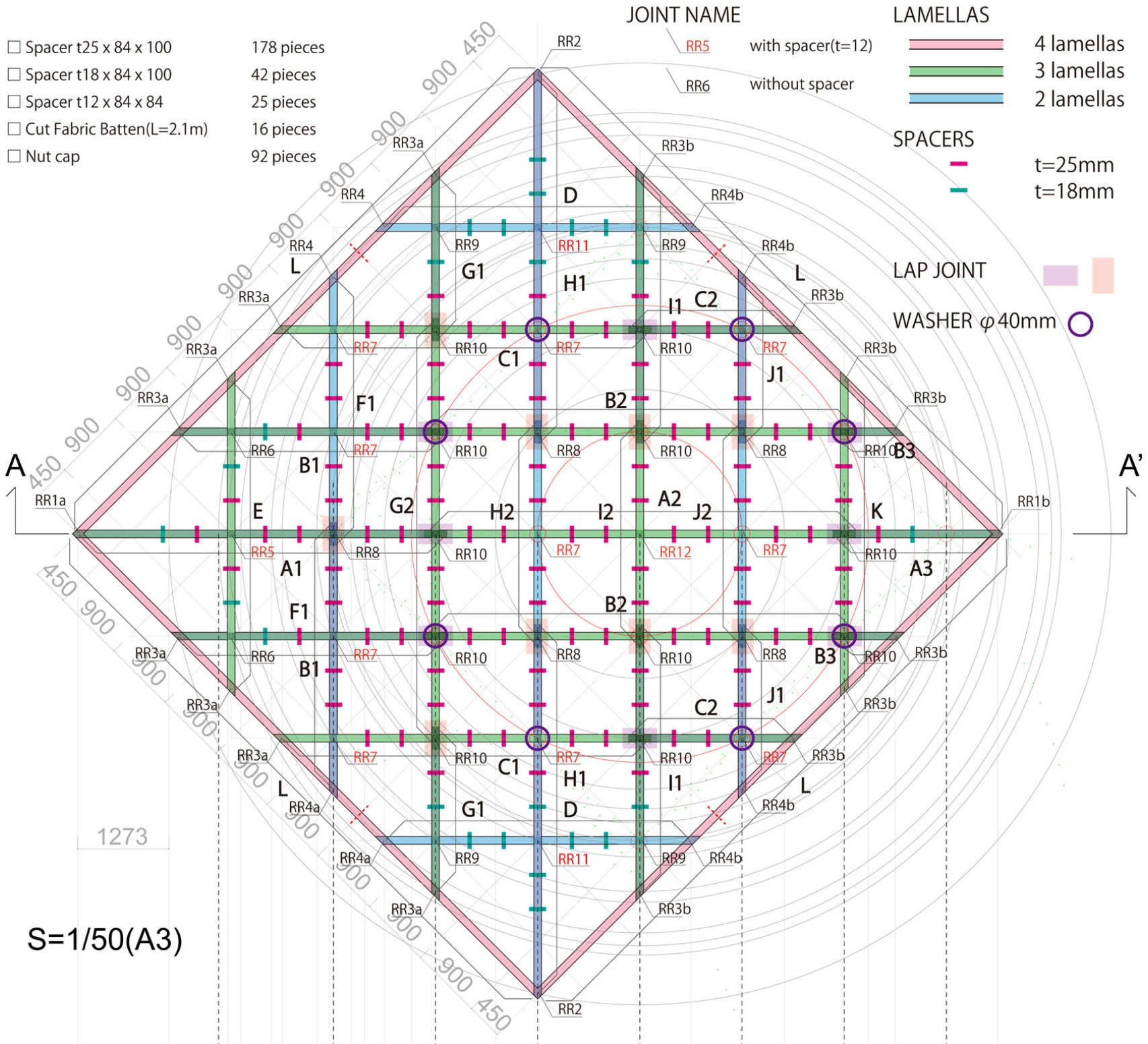
Solid Pine Lathes
2 @ 12mm x 94mm

Stainless Steel Block
(tapped to receive threaded rod)
12mm x 12mm x 94mm





- Spacer t25 x 84 x 100 178 pieces
- Spacer t18 x 84 x 100 42 pieces
- Spacer t12 x 84 x 84 25 pieces
- Cut Fabric Batten(L=2.1m) 16 pieces
- Nut cap 92 pieces



JOINT NAME

- RR5 with spacer(t=12)
- RR6 without spacer

LAMELLAS

- 4 lamellas
- 3 lamellas
- 2 lamellas

SPACERS

- t=25mm
- t=18mm

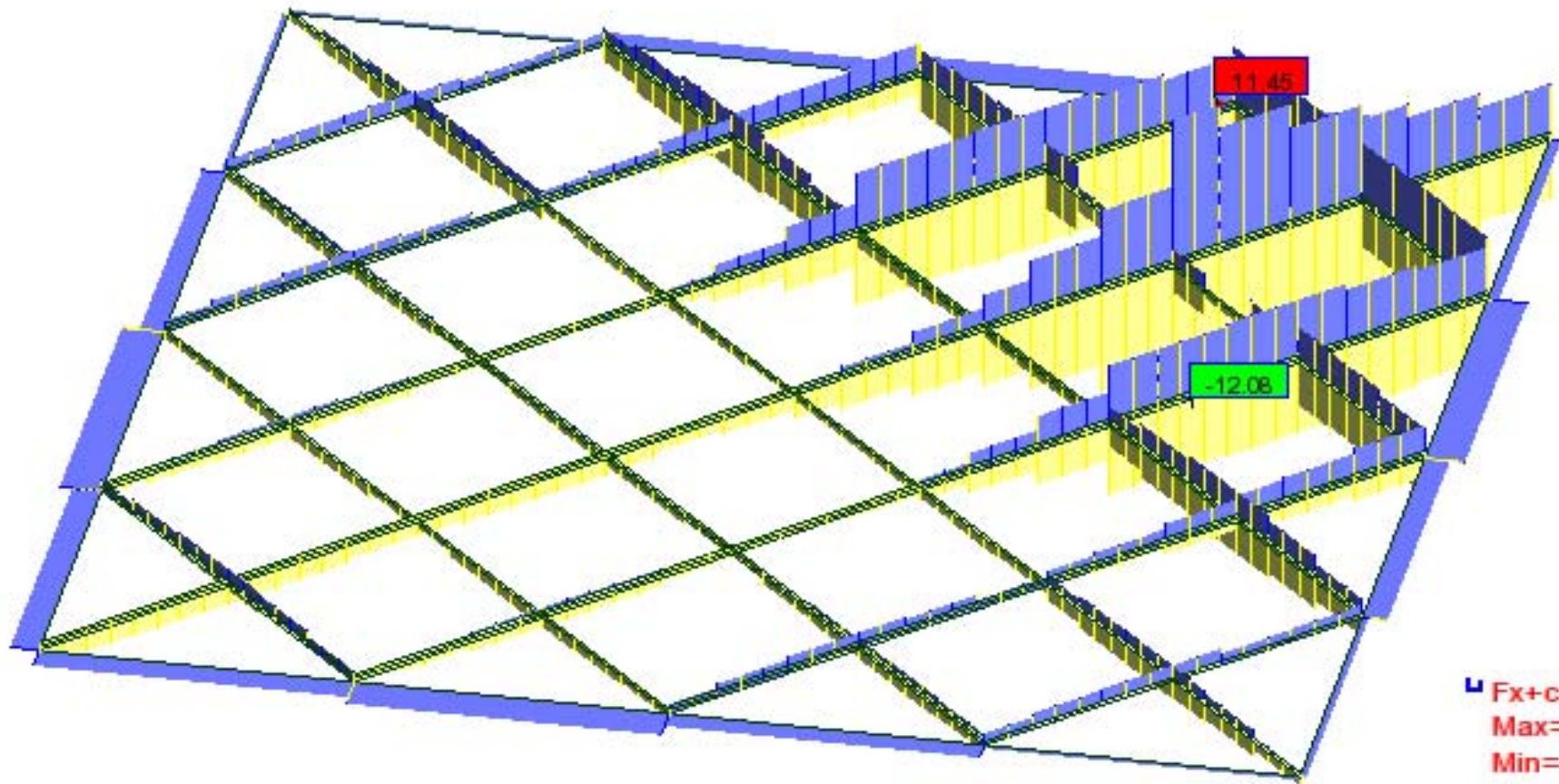
LAP JOINT



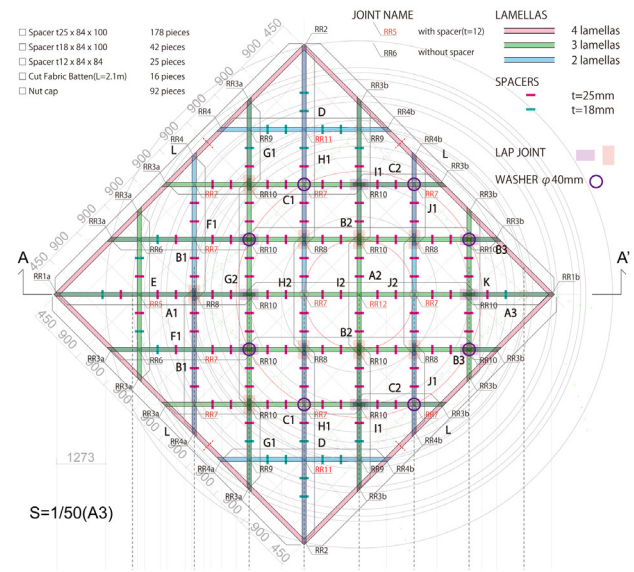
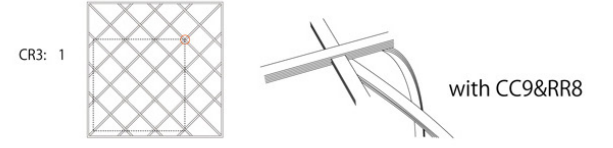
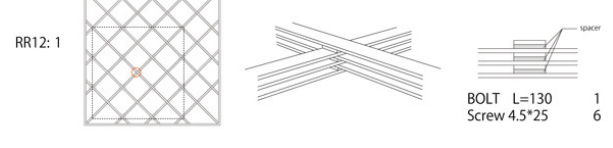
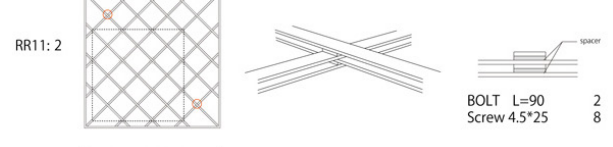
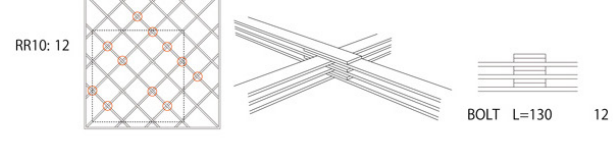
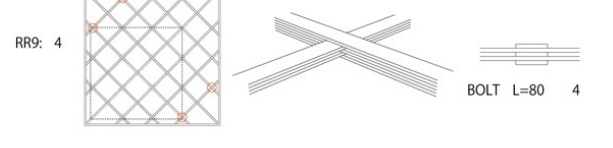
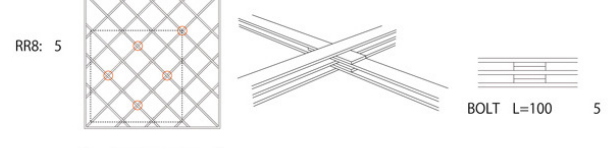
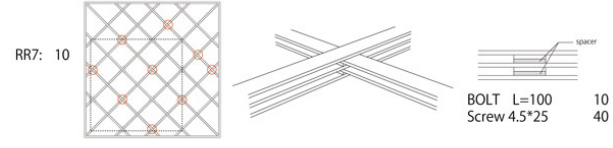
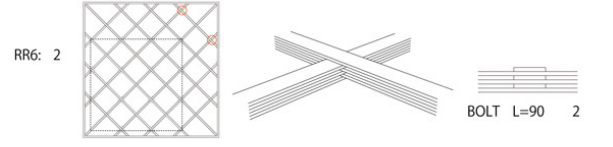
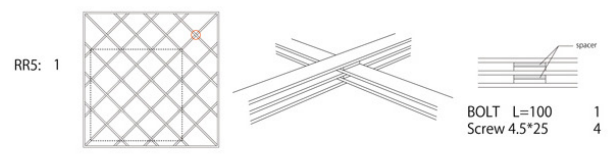
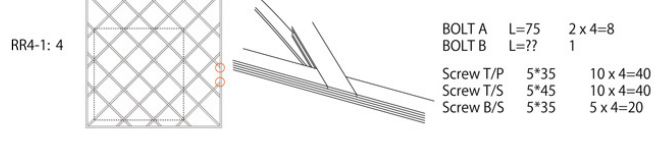
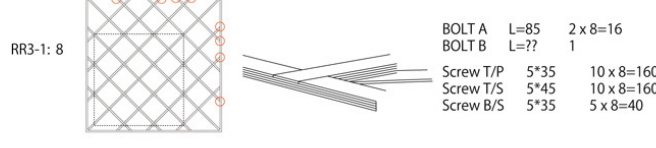
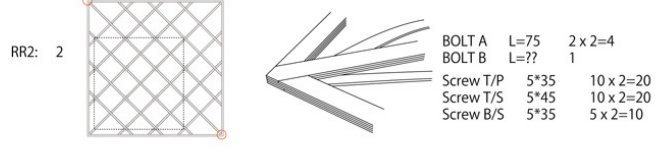
WASHER φ 40mm



S=1/50(A3)













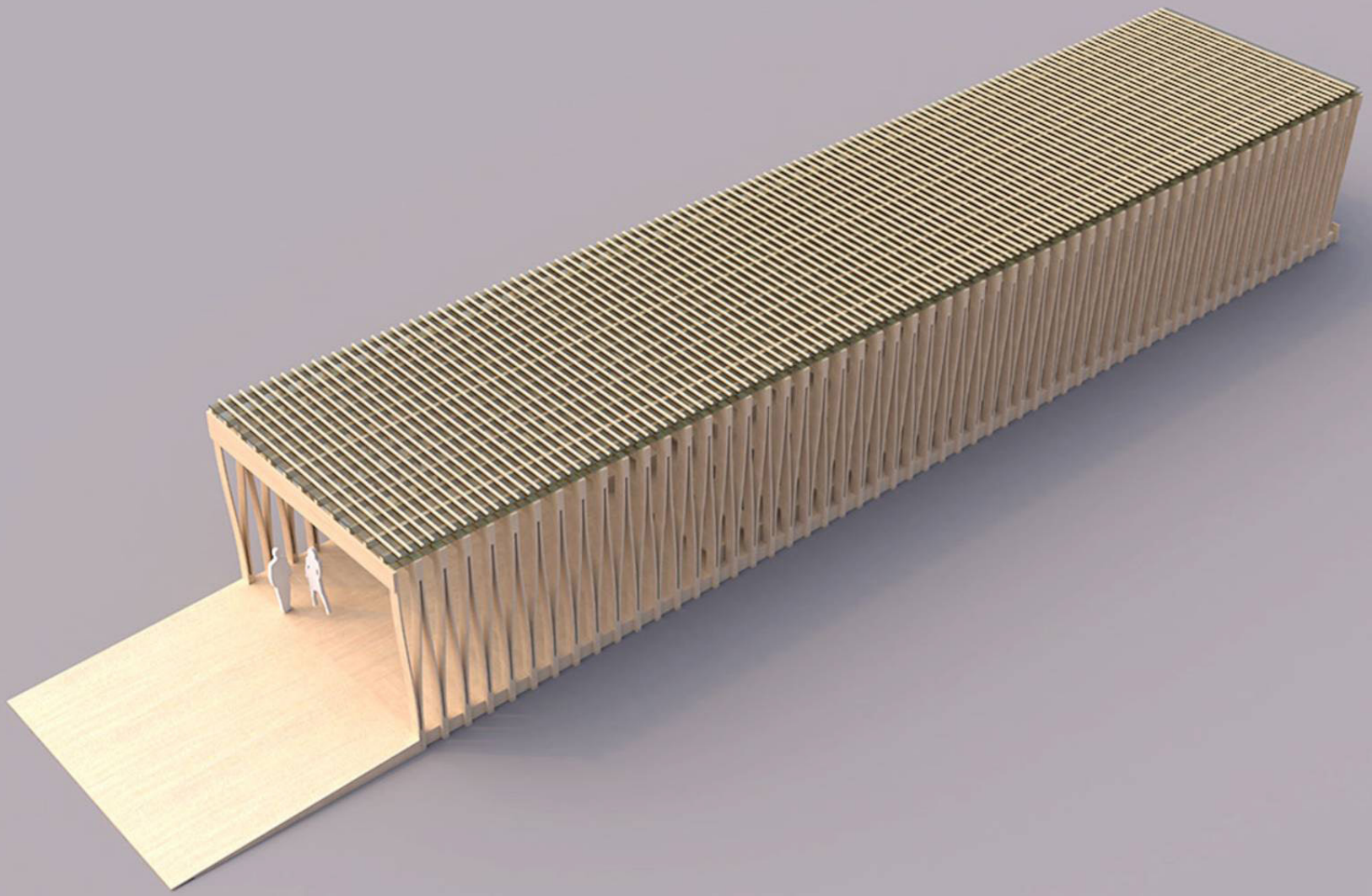


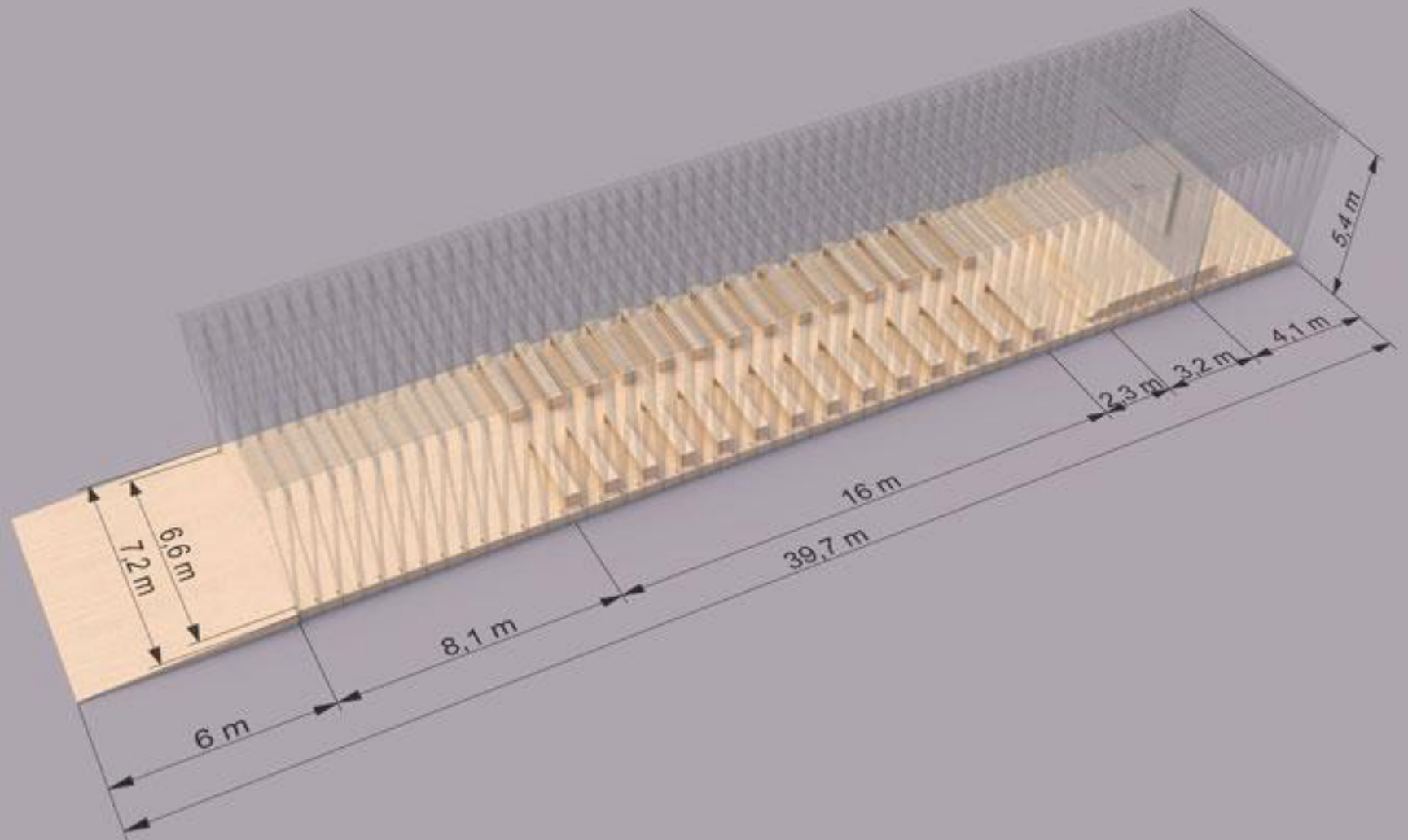


Aikalava

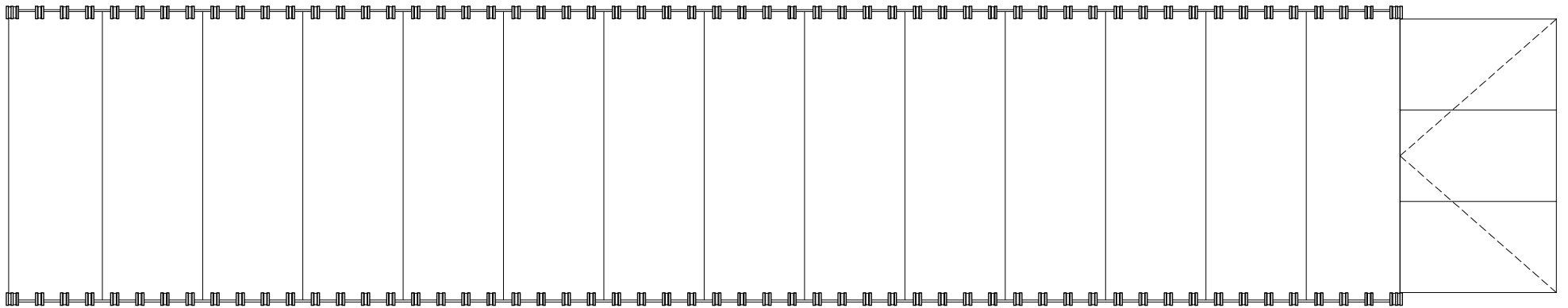
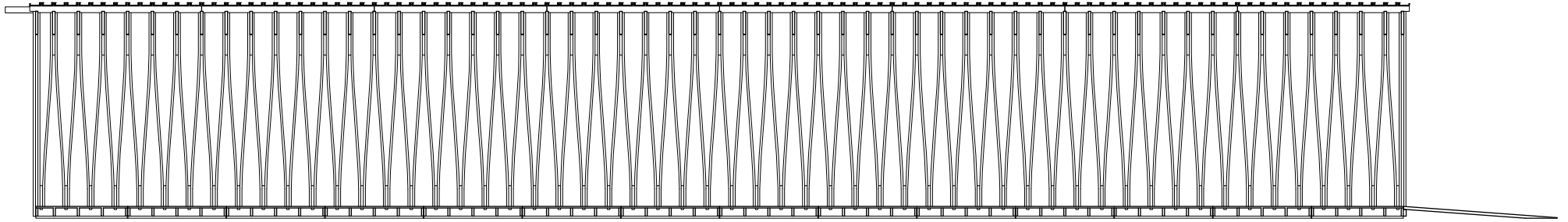
Stage

2017-2018



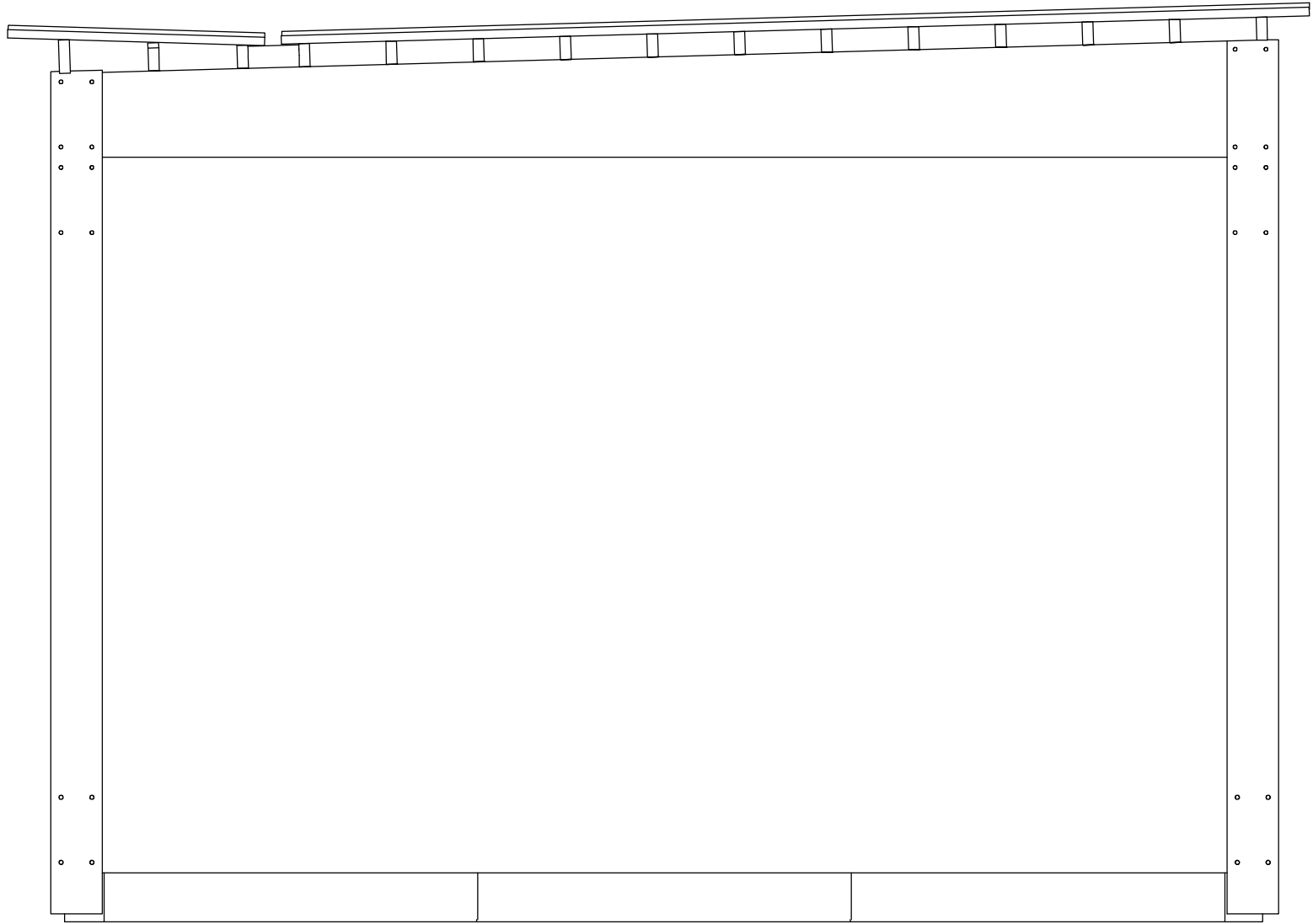


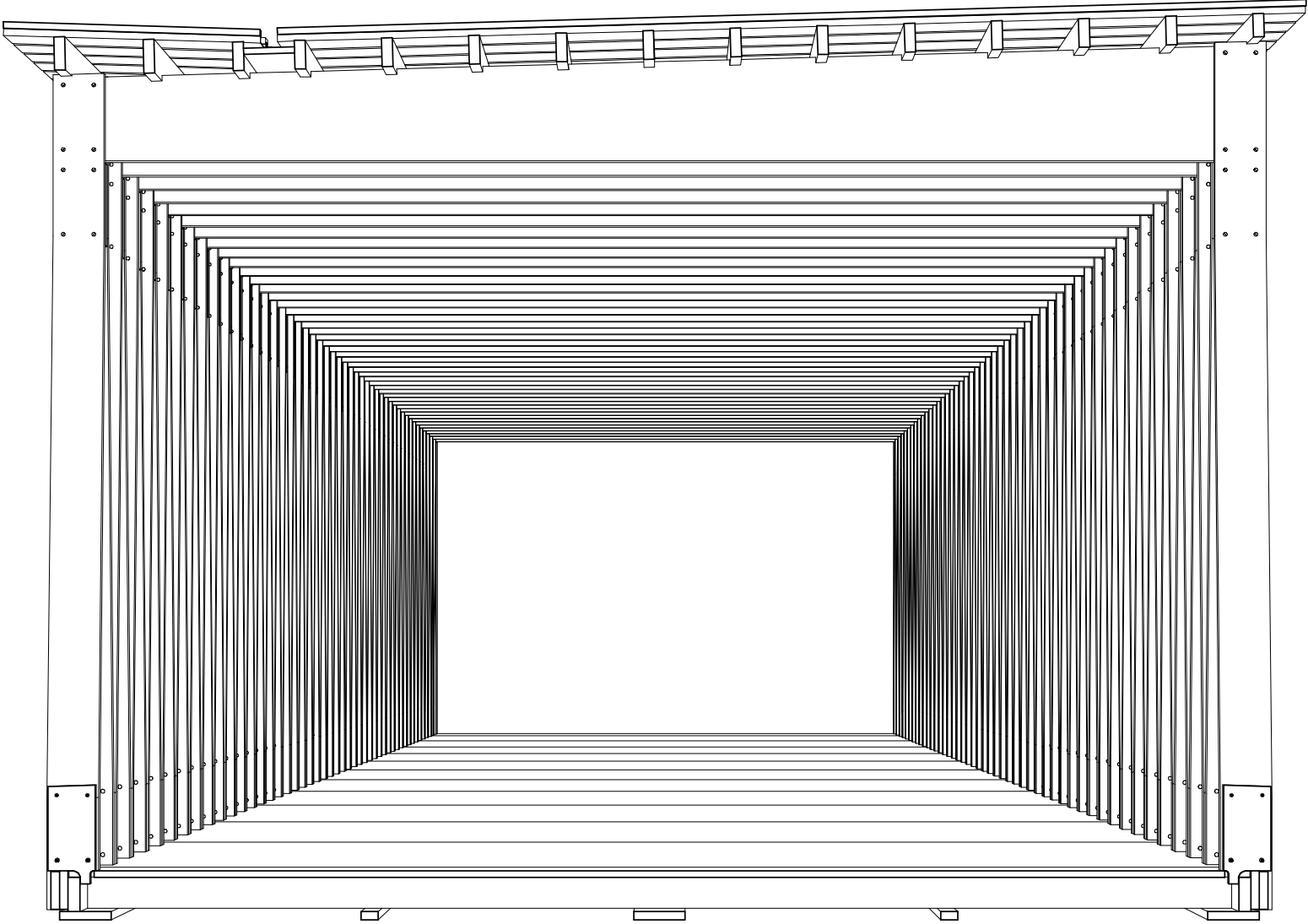




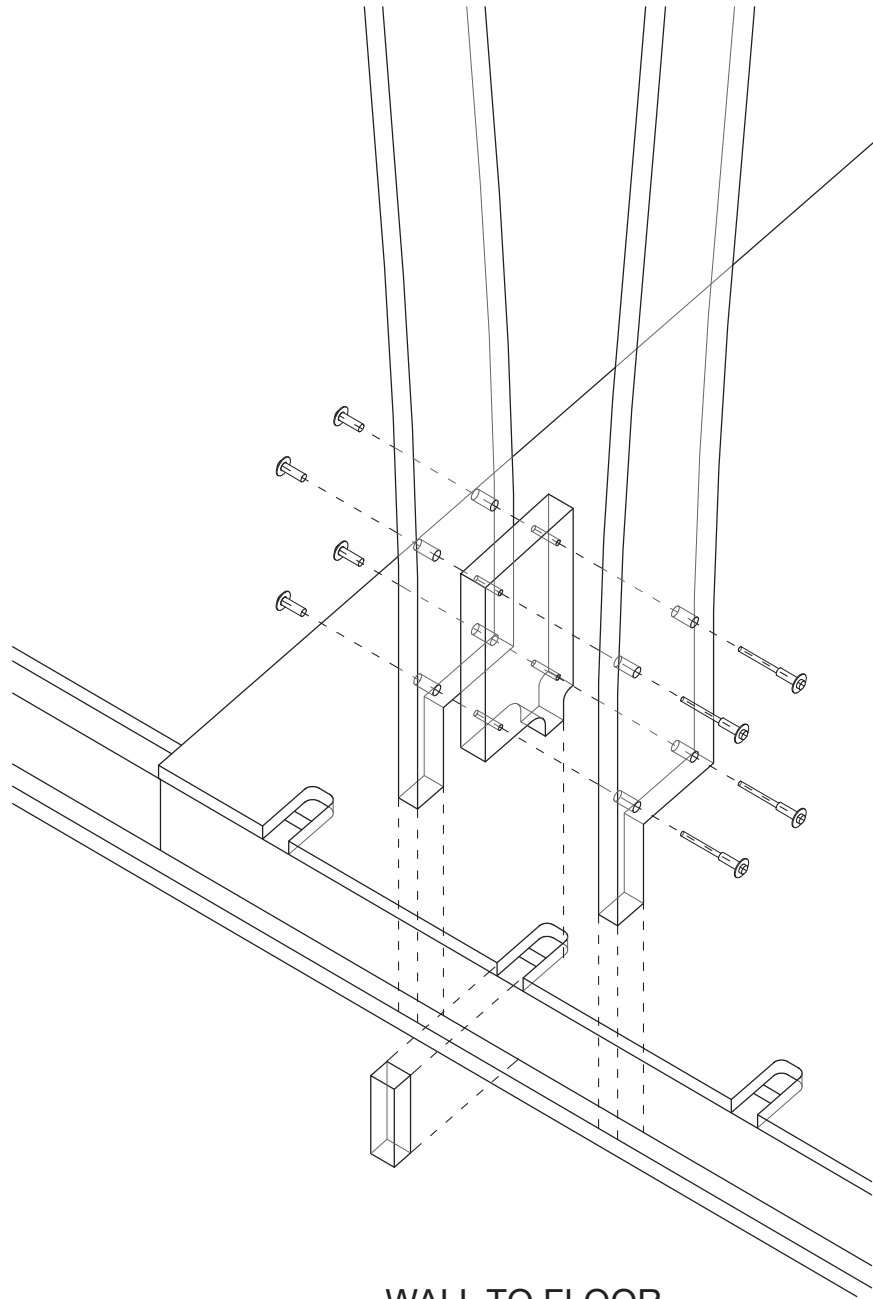




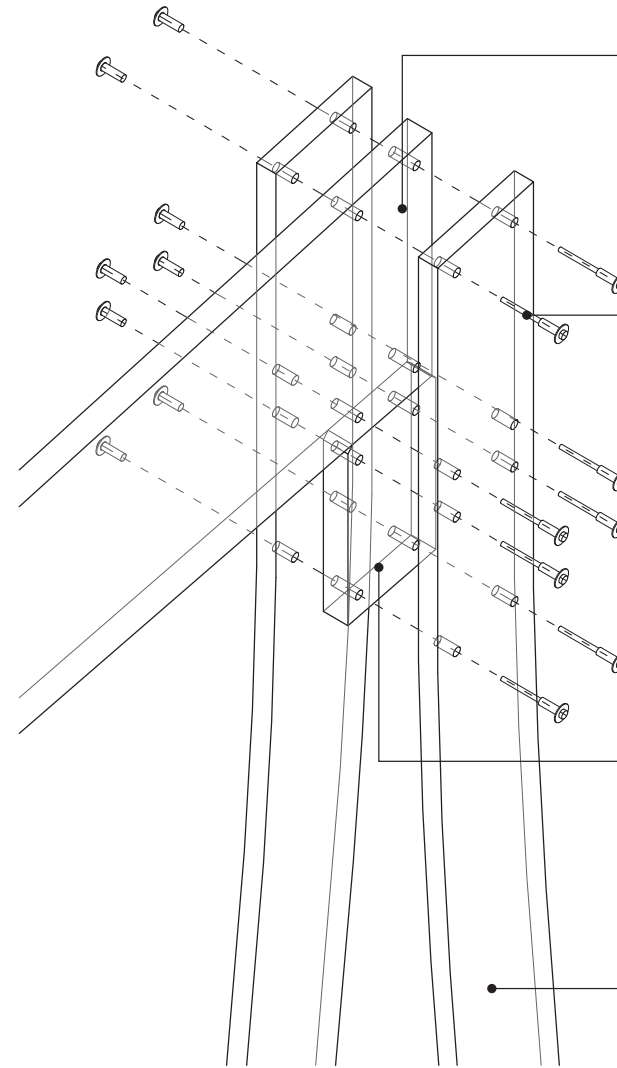








WALL TO FLOOR



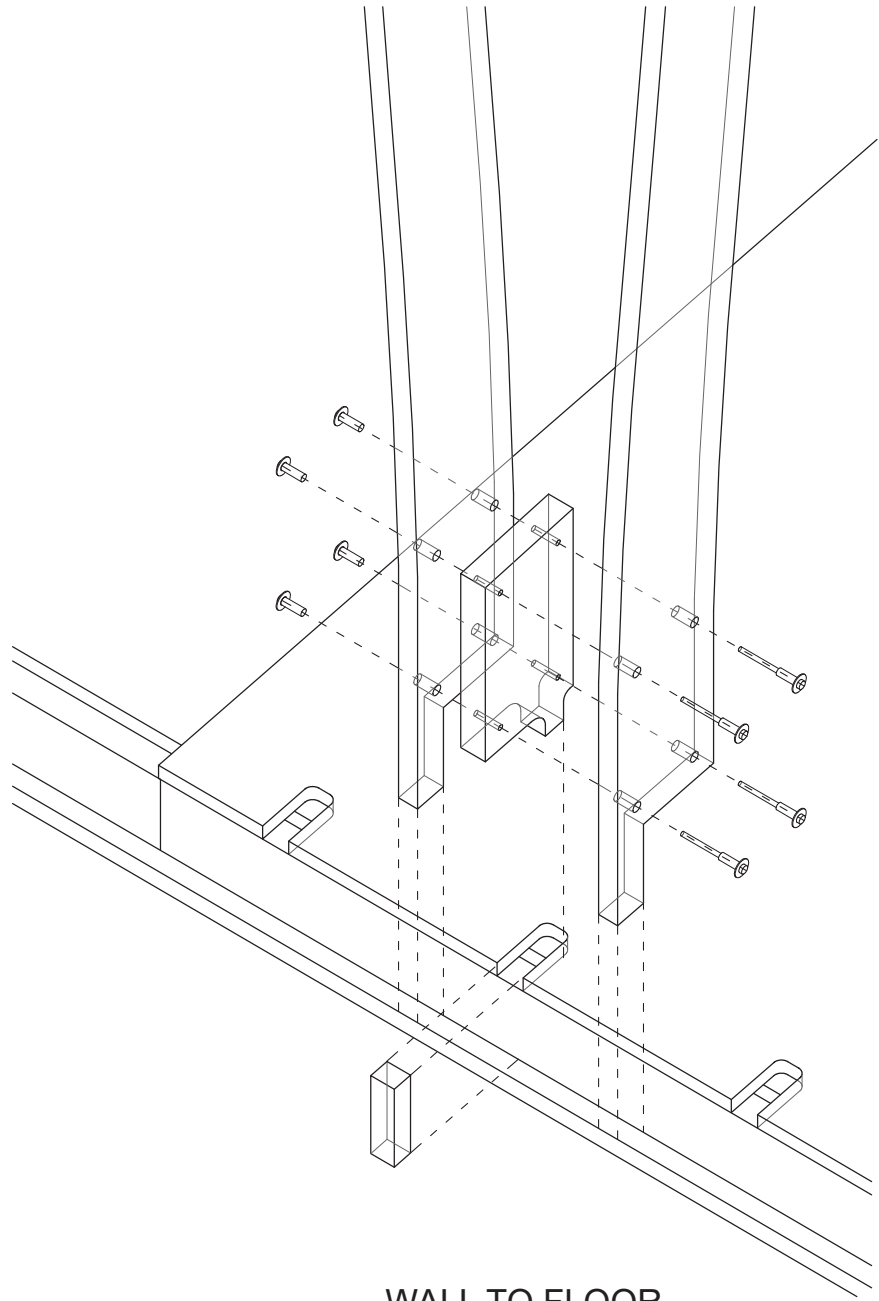
LVL Roof Beam
63mm x 500-700mm

Stainless Steel Bolts
8 @ \varnothing 12mm (upper)
4 @ \varnothing 12mm (lower)

LVL Spacing Block
63mm

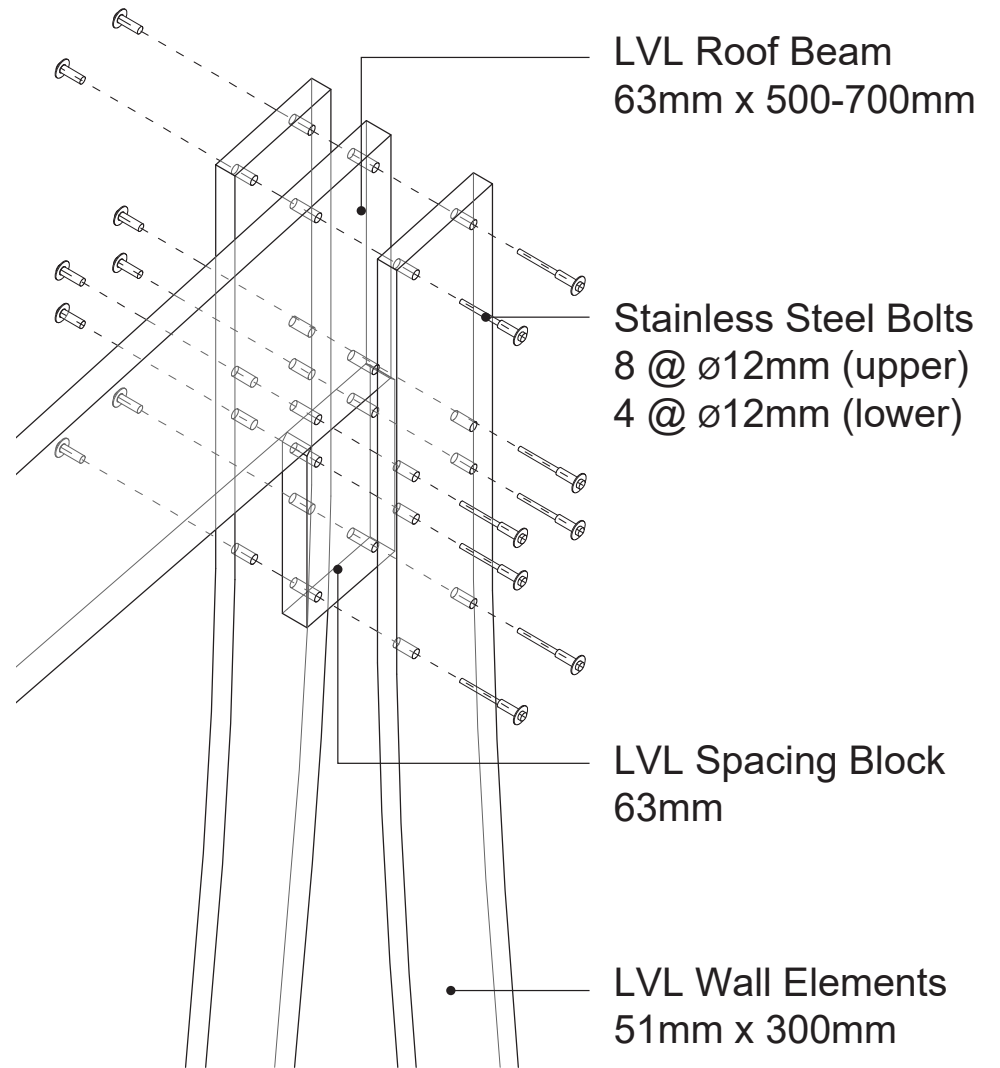
LVL Wall Elements
51mm x 300mm

WALL TO ROOF



WALL TO FLOOR





WALL TO ROOF



Graded by STORA ENSO
47788 04 18
07 CE 024
PCAB DRY 09/02/03

