

The Modulator.

HAC Terrain, Binckhorst, the Hague

MSc 3 Public Building - Music Marvel - Bart Schipper - 4465741

Detail Booklet

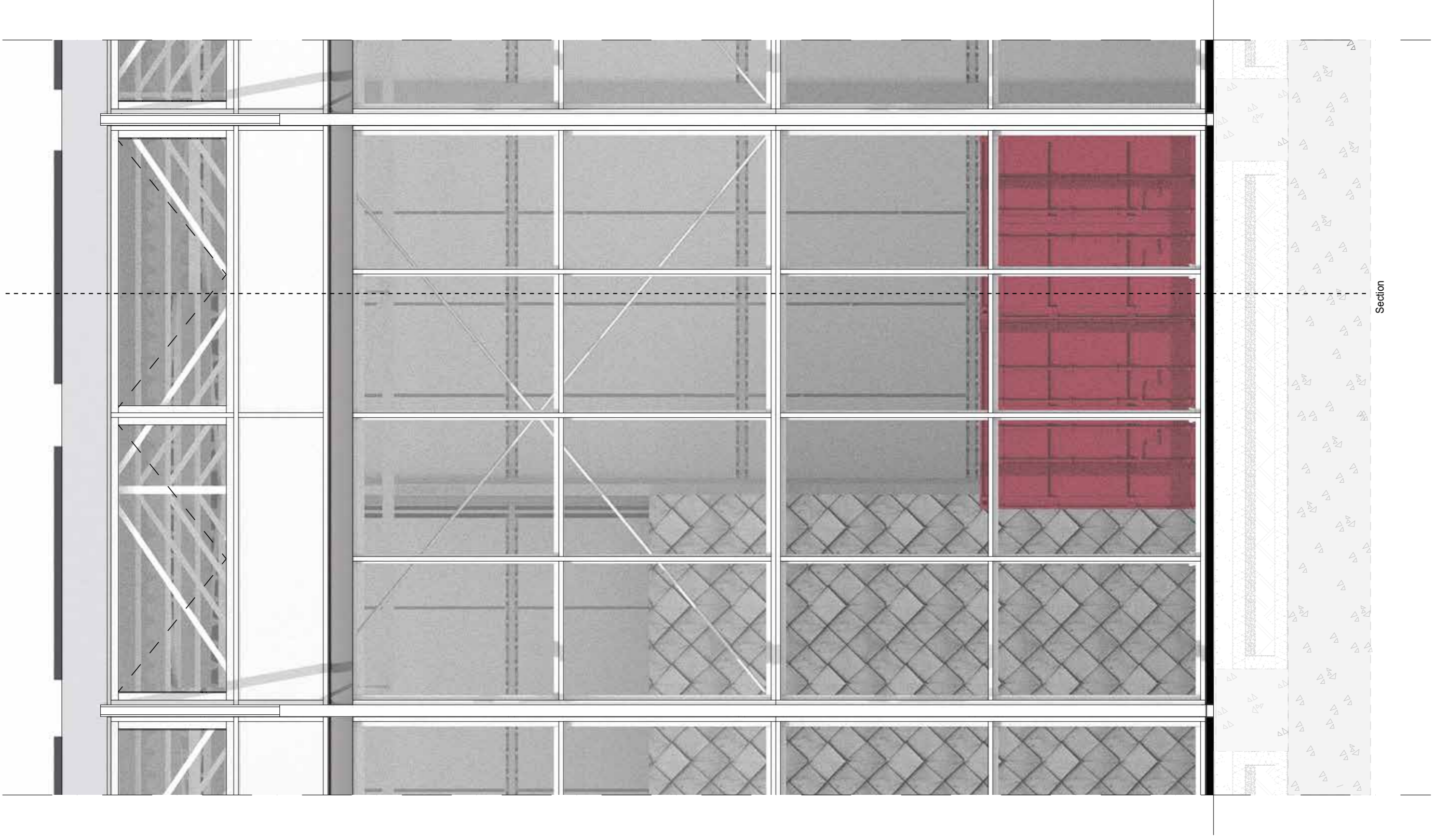
Tutors:

1st | Paul Kuitenbrouwer

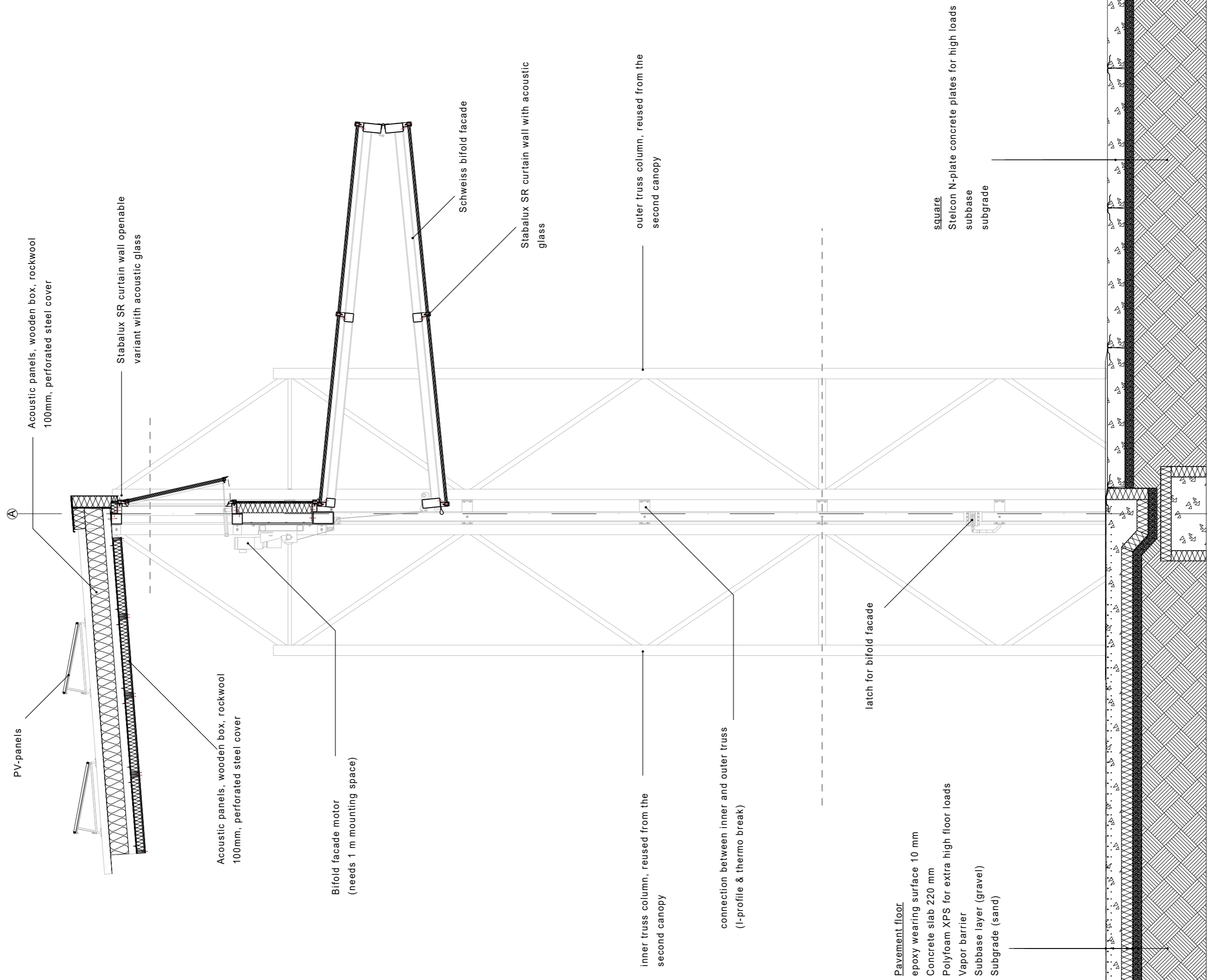
2nd | Nicola Marzot

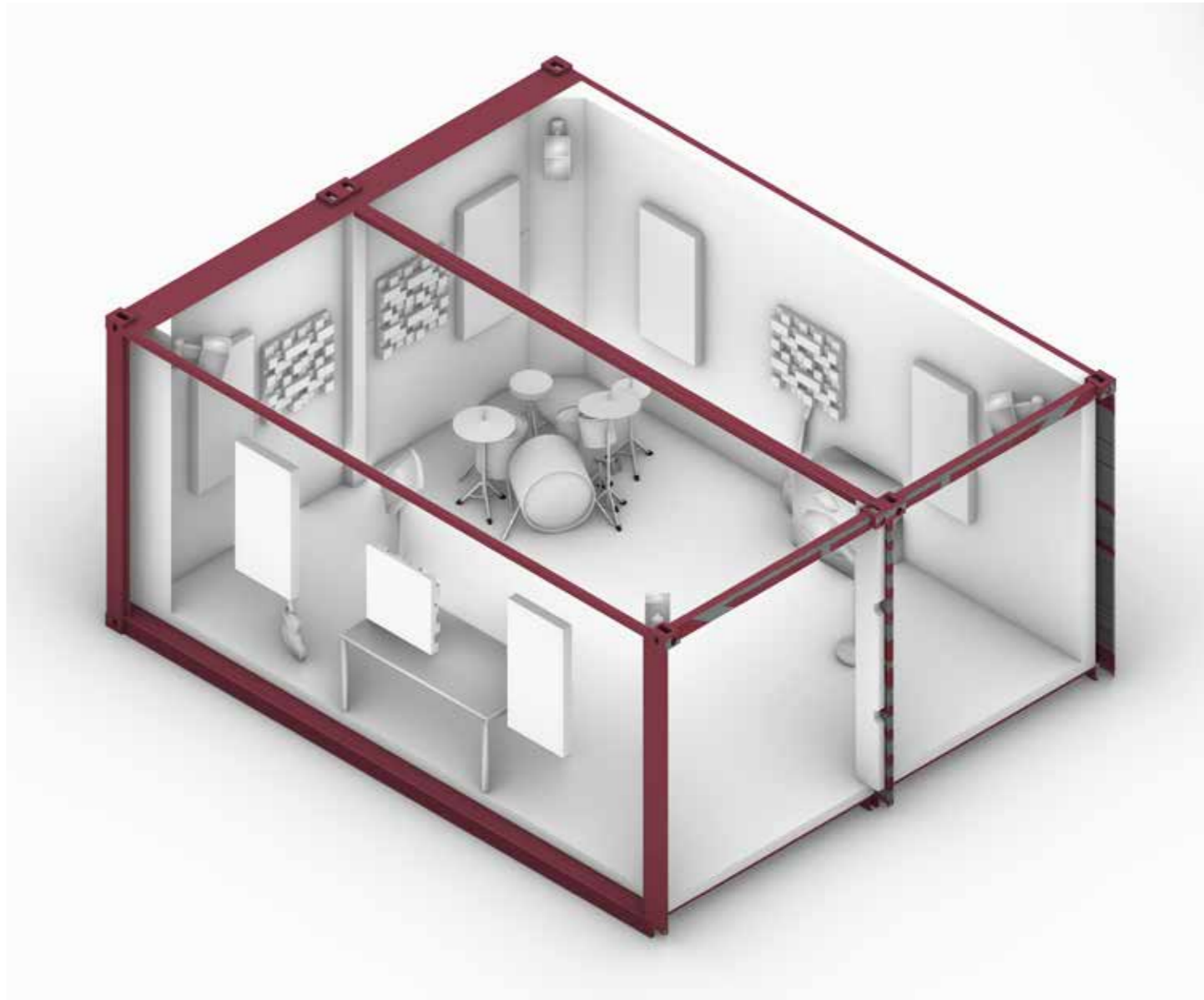
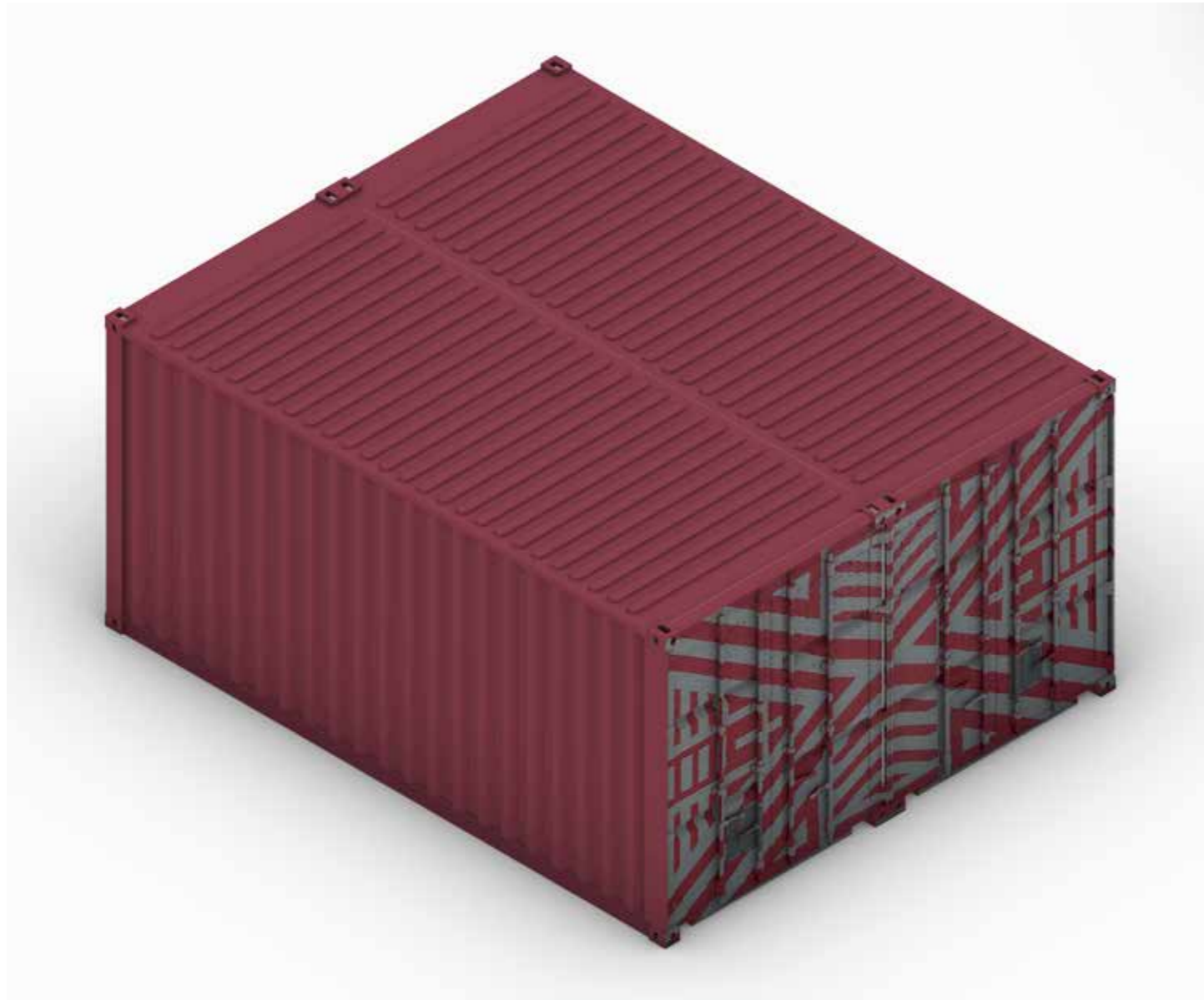
3rd | Gilbert Koskamp

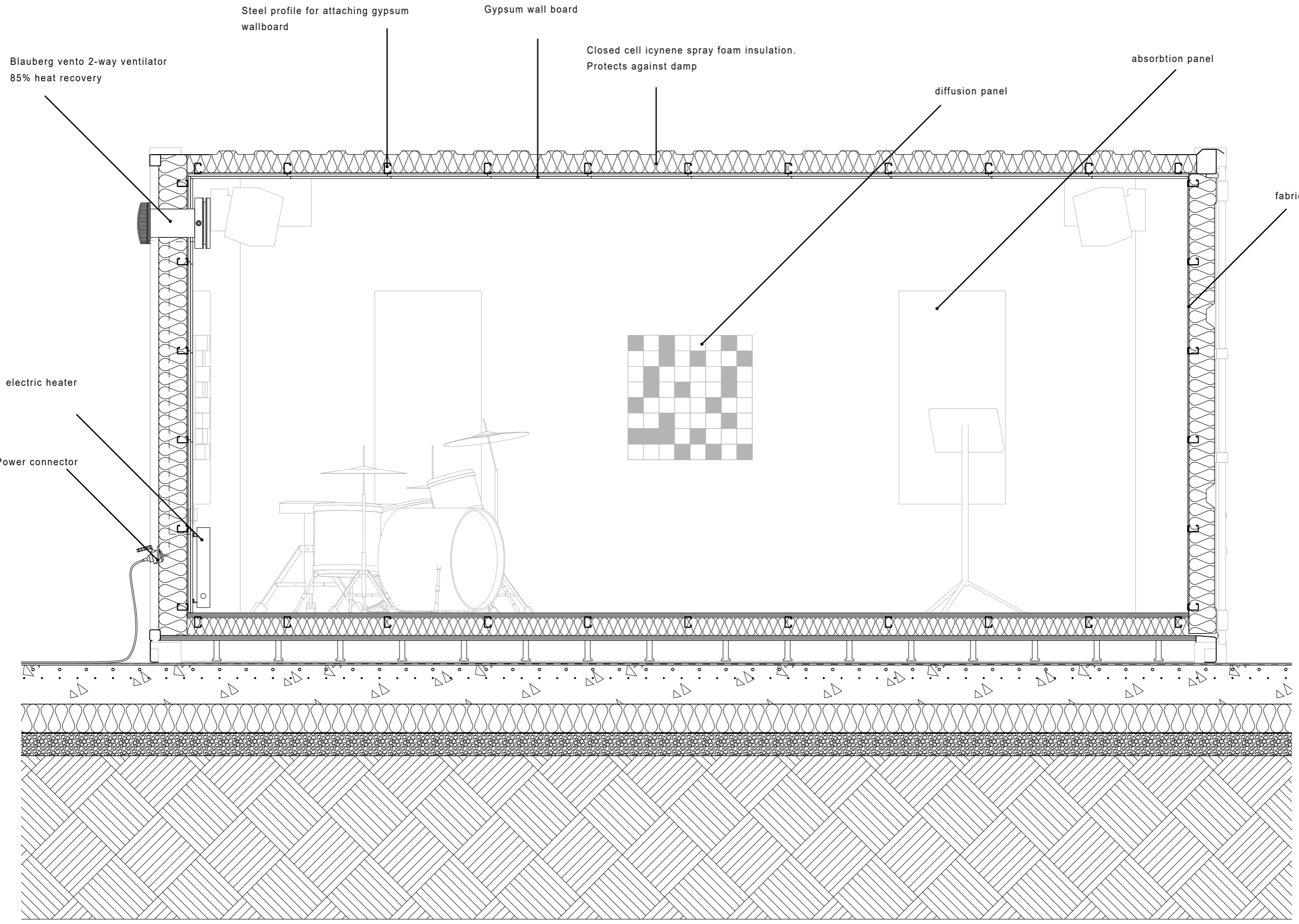
1:50 facade



1:20 - voorgevel - detail versie

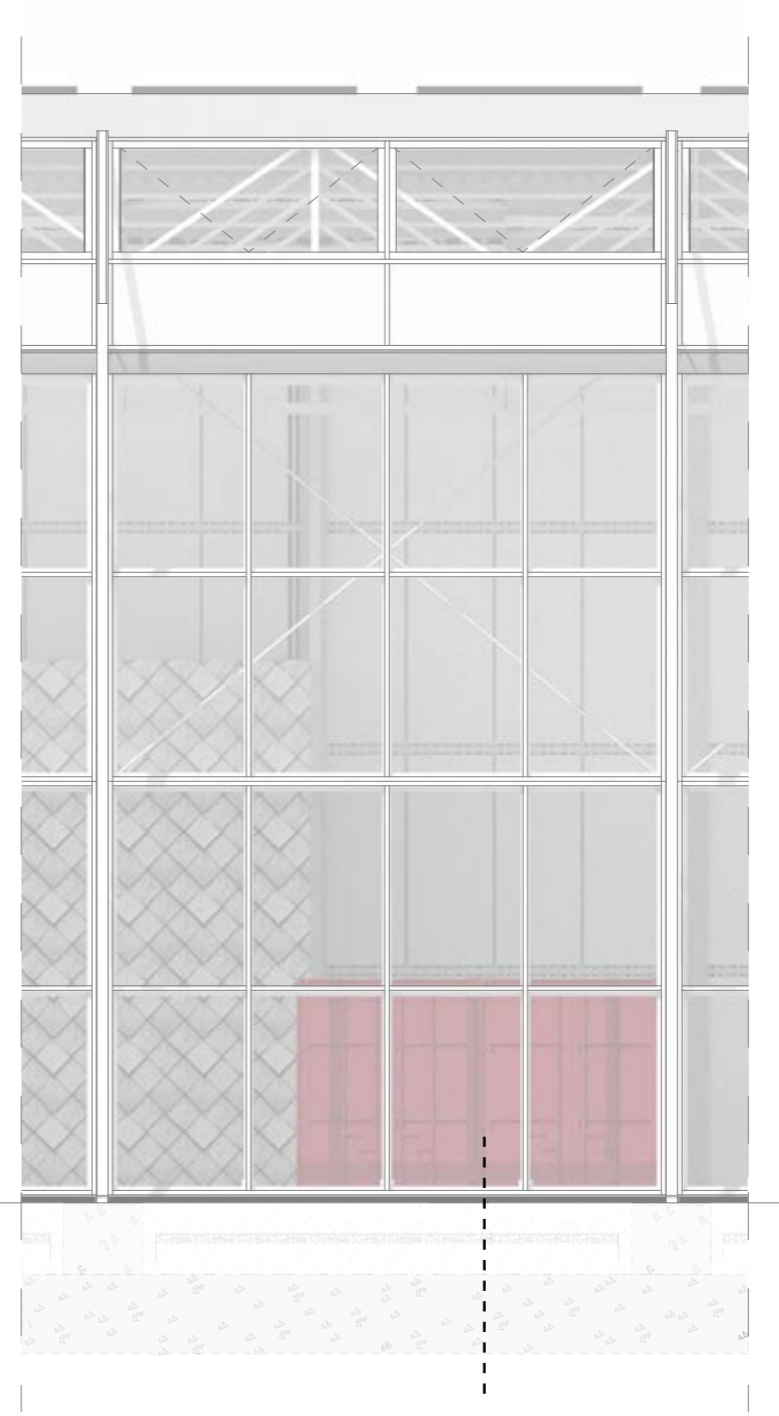
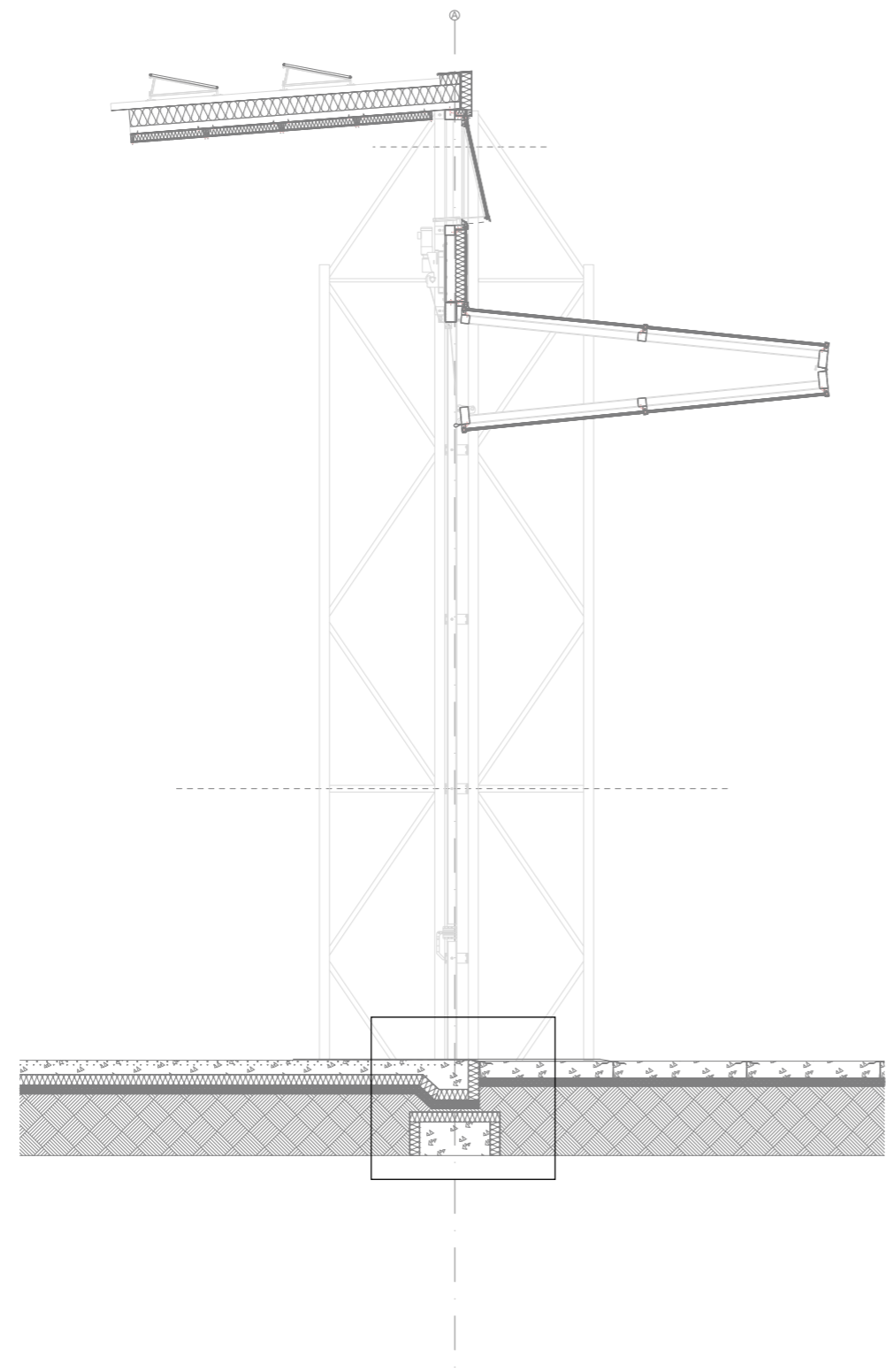






1:5 Floor edge

1:20 - voorgevel - detail versie



A

Pavement floor
epoxy wearing surface 10 mm
Concrete slab 220 mm
Polyfoam XPS for extra high floor loads
Vapor barrier
Subbase layer (gravel)

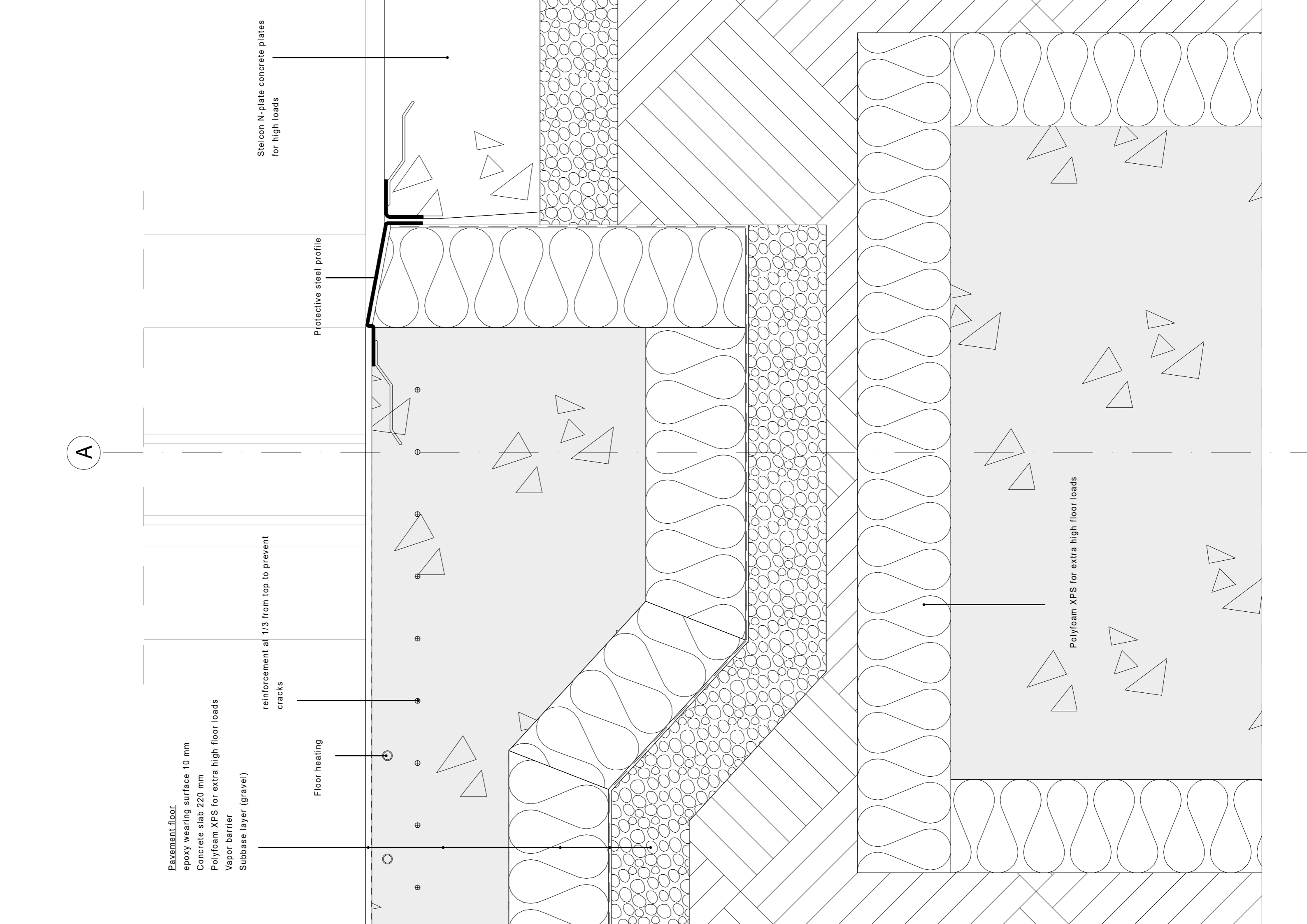
reinforcement at 1/3 from top to prevent cracks

Floor heating

Protective steel profile

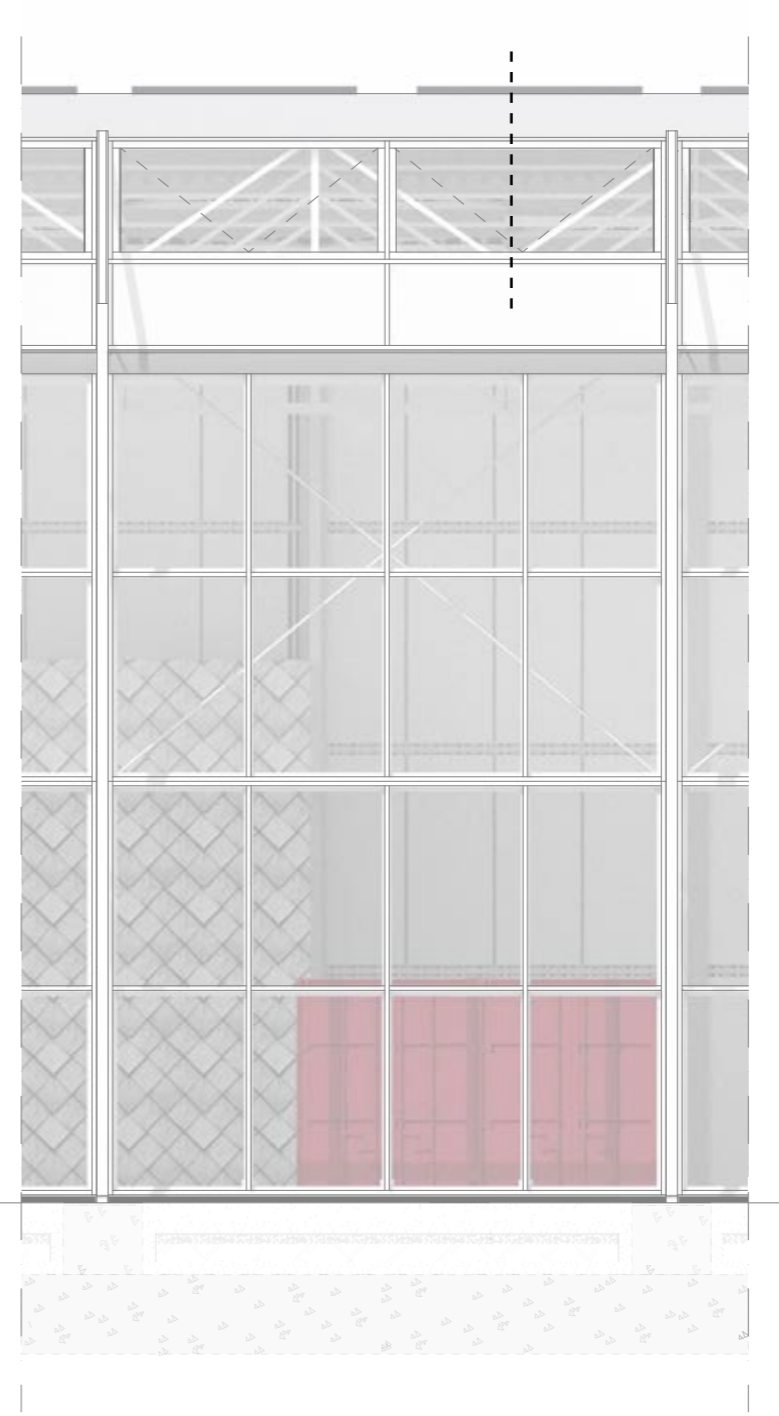
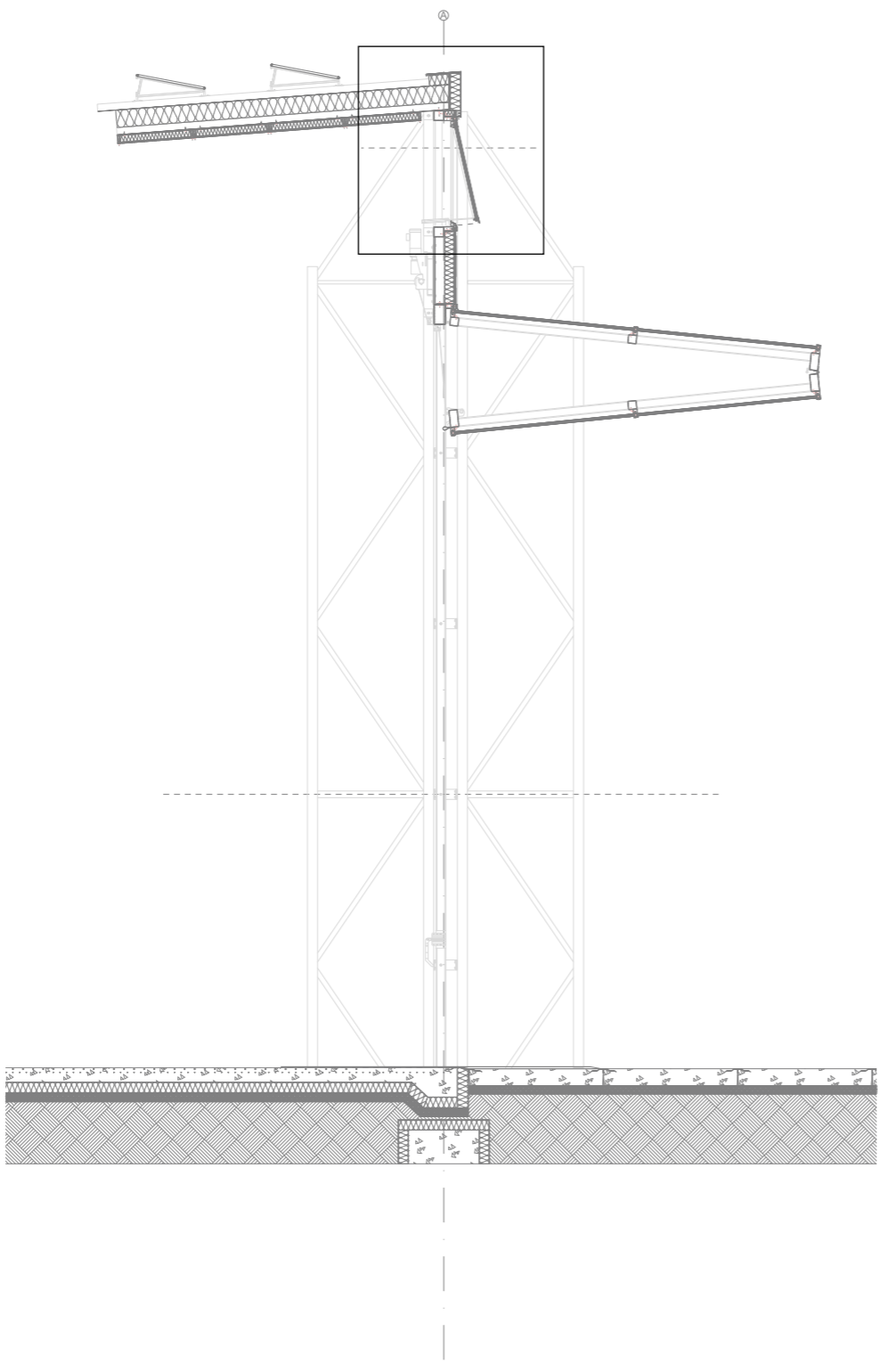
Stelcon N-plate concrete plates for high loads

Polyfoam XPS for extra high floor loads

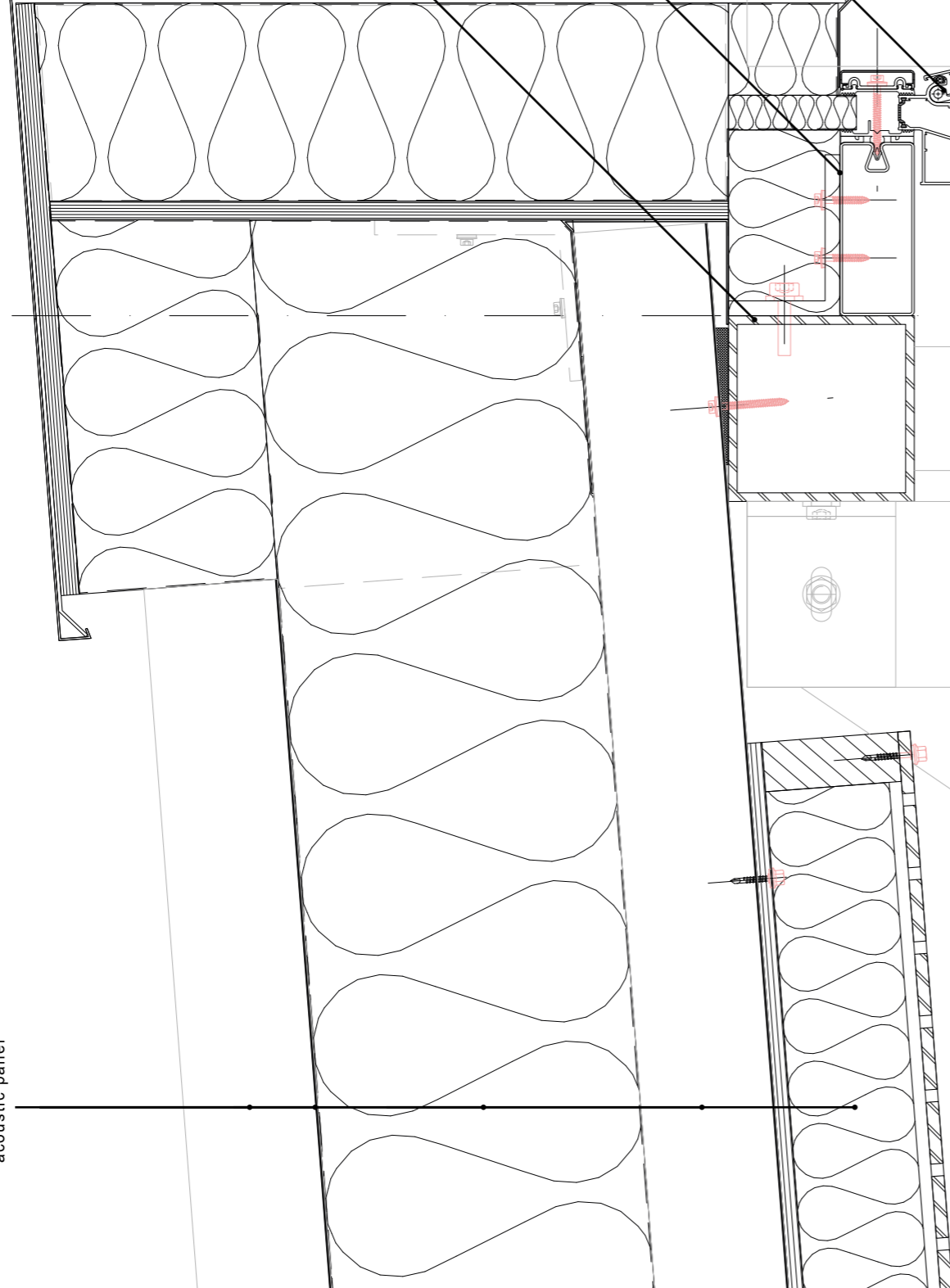


1:5 Floor edge

1:20 - voorgevel - detail versie



Roof
Aluminium corrugated sheet 2nd canopy
water proofing
Rockwool 260 mm
Original aluminium corrugated sheet
acoustic panel

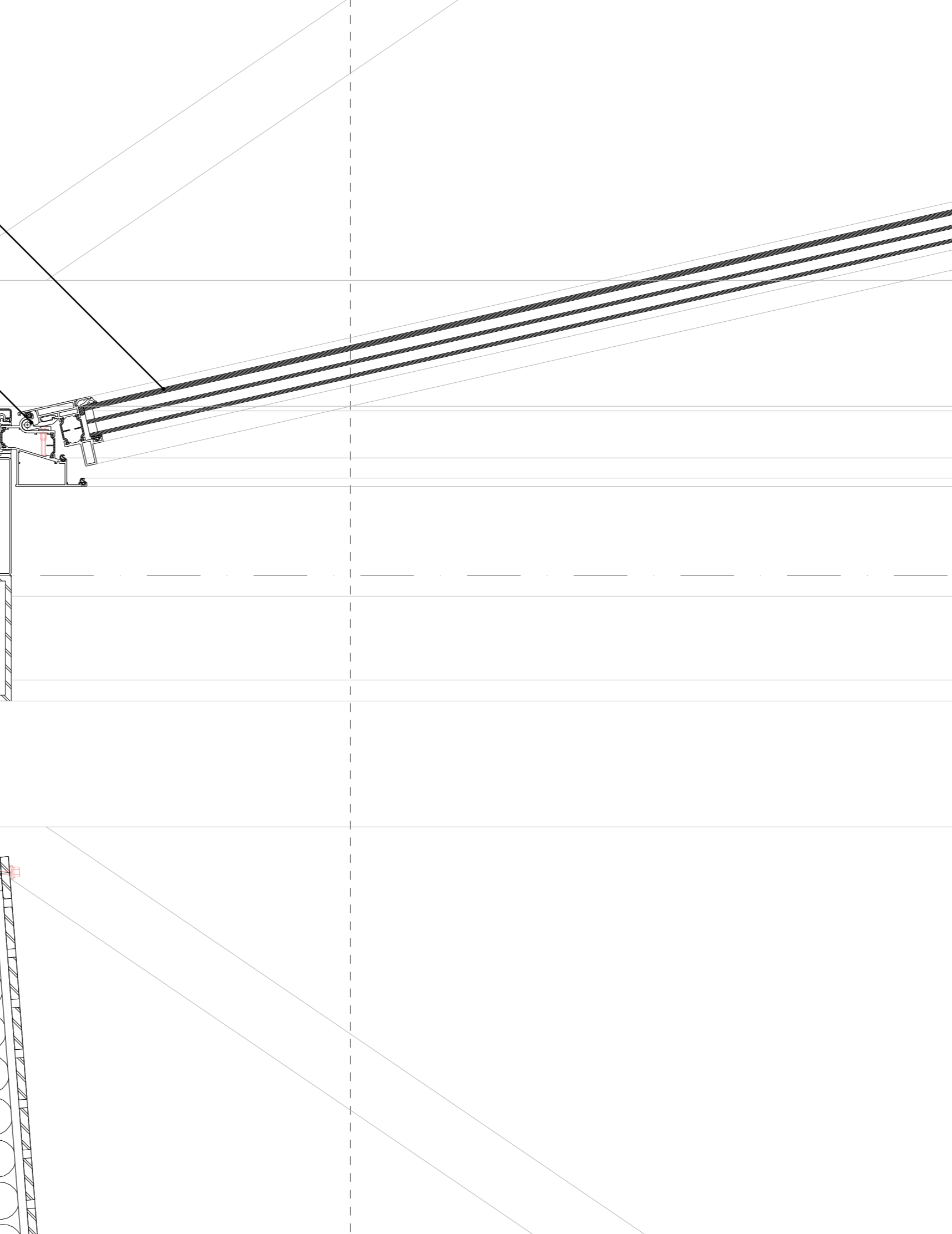


original roof truss

Stabalux SB curtain wall system

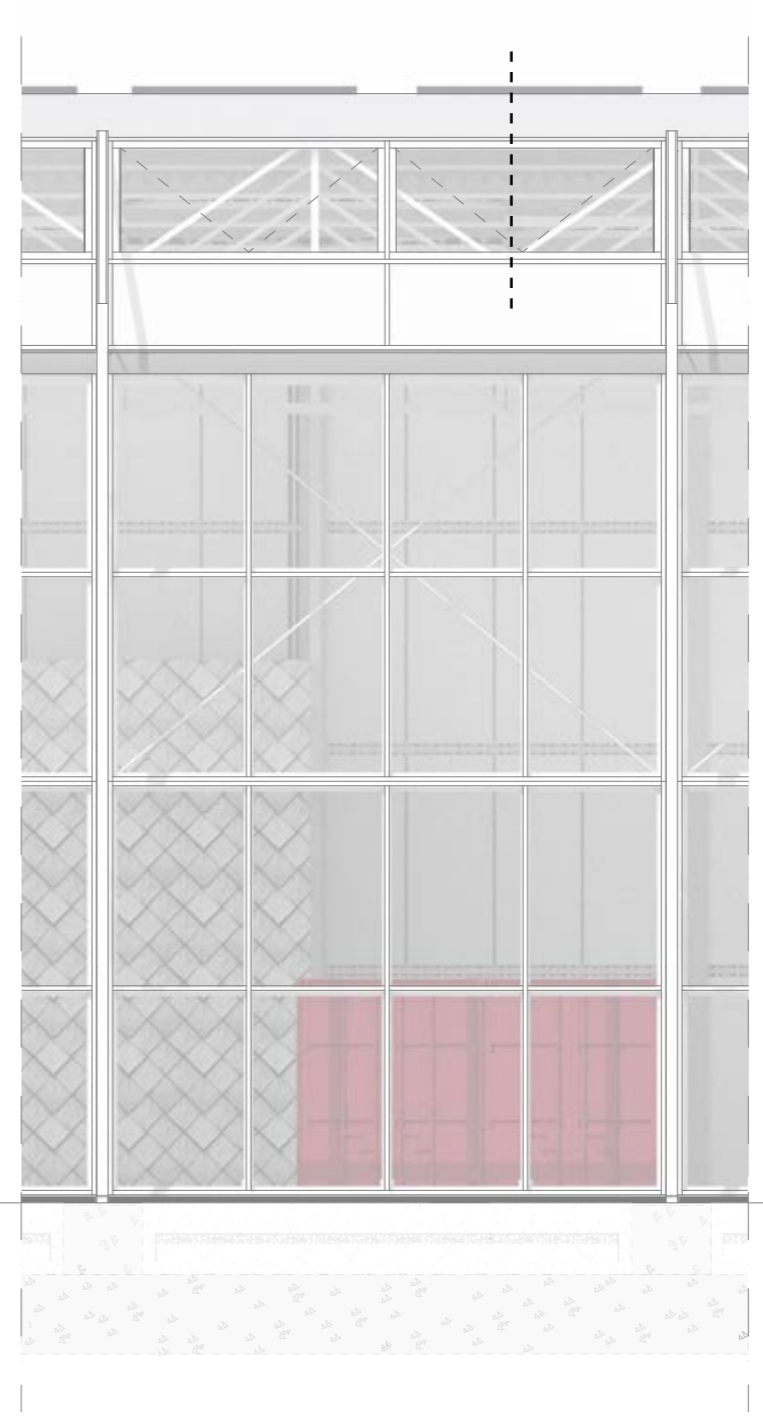
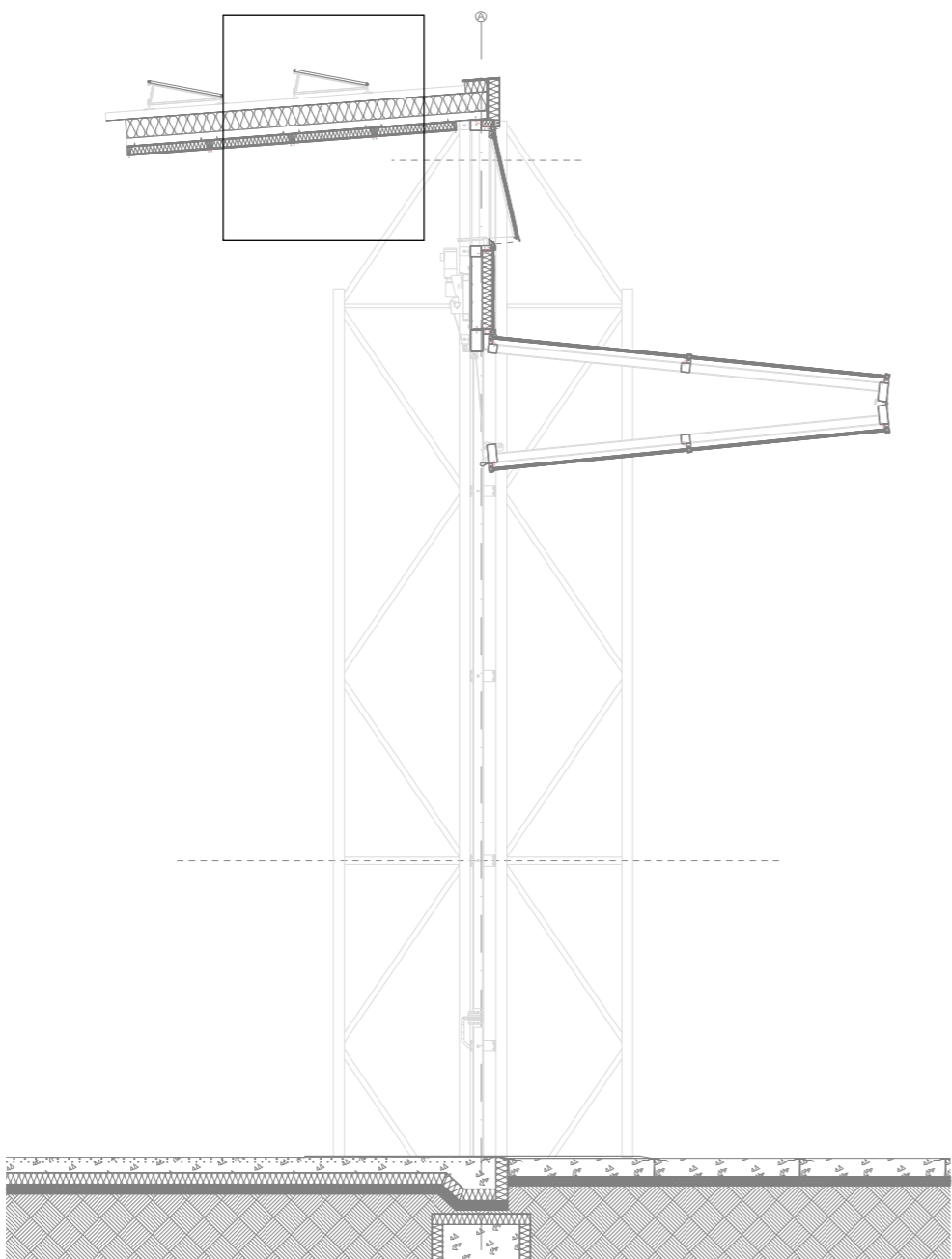
Stabalux SB openable window frame

Acoustic triple glass



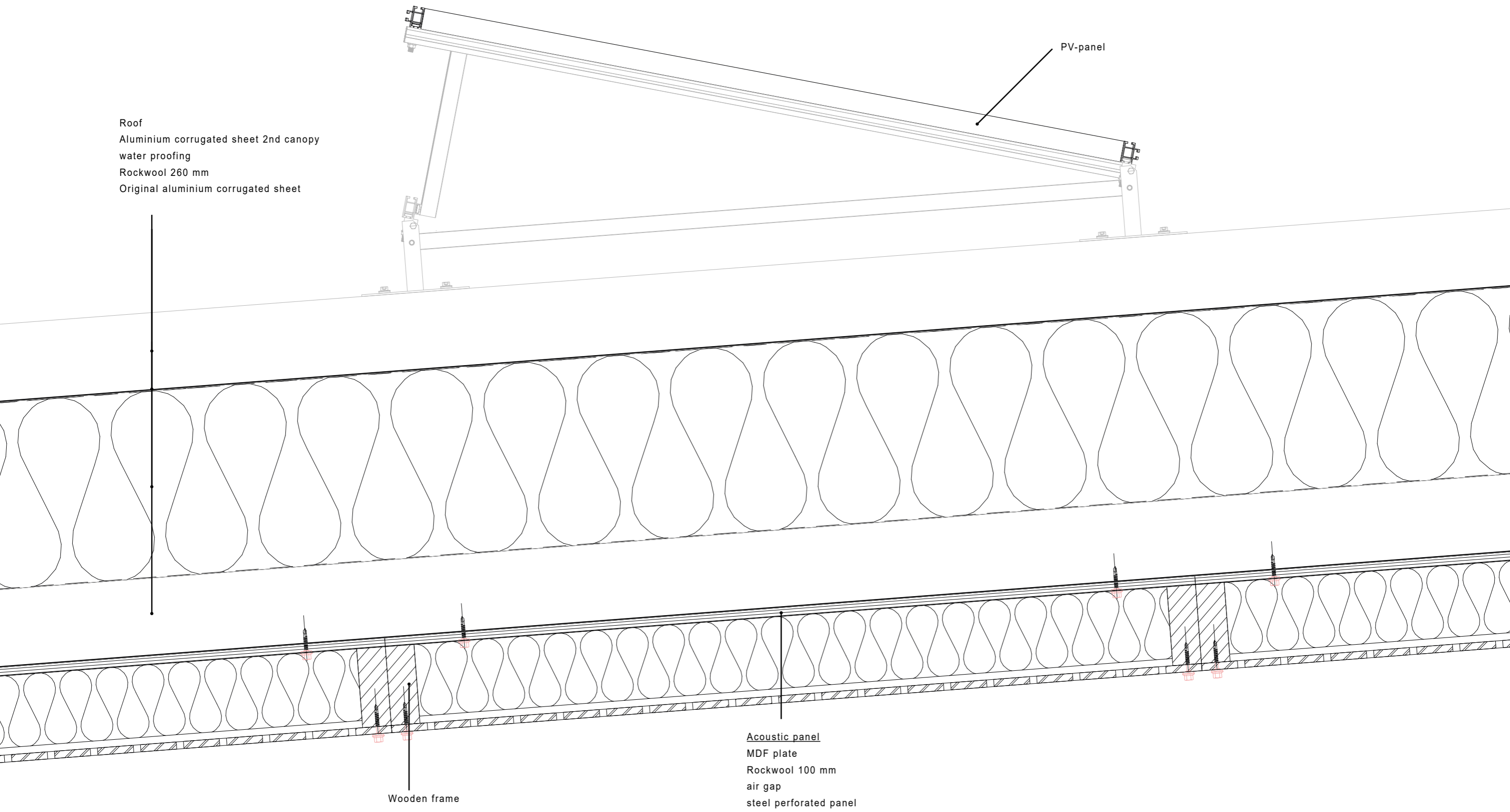
1:5 Roof and acoustic panel

1:20 - voorgevel - detail versie



Roof
Aluminium corrugated sheet 2nd canopy
water proofing
Rockwool 260 mm
Original aluminium corrugated sheet

PV-panel

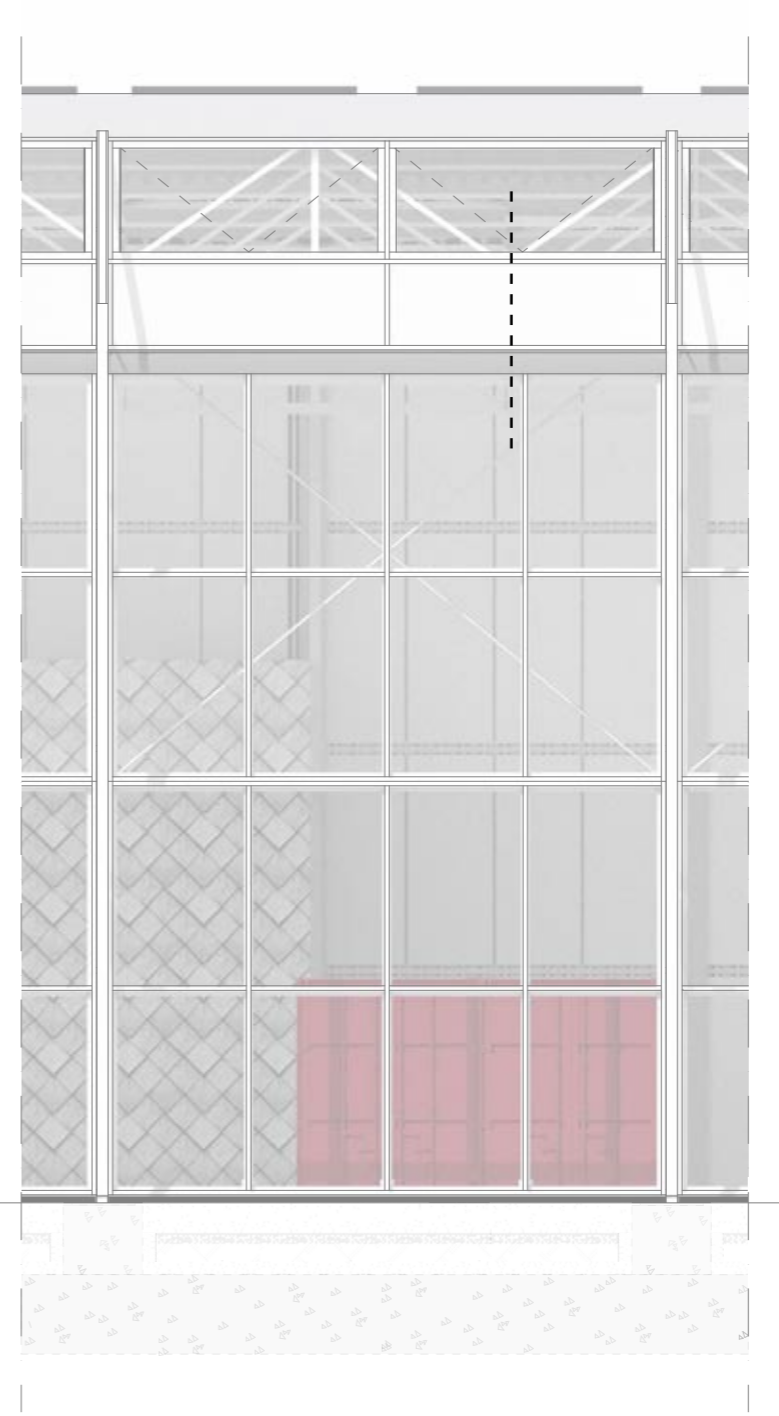
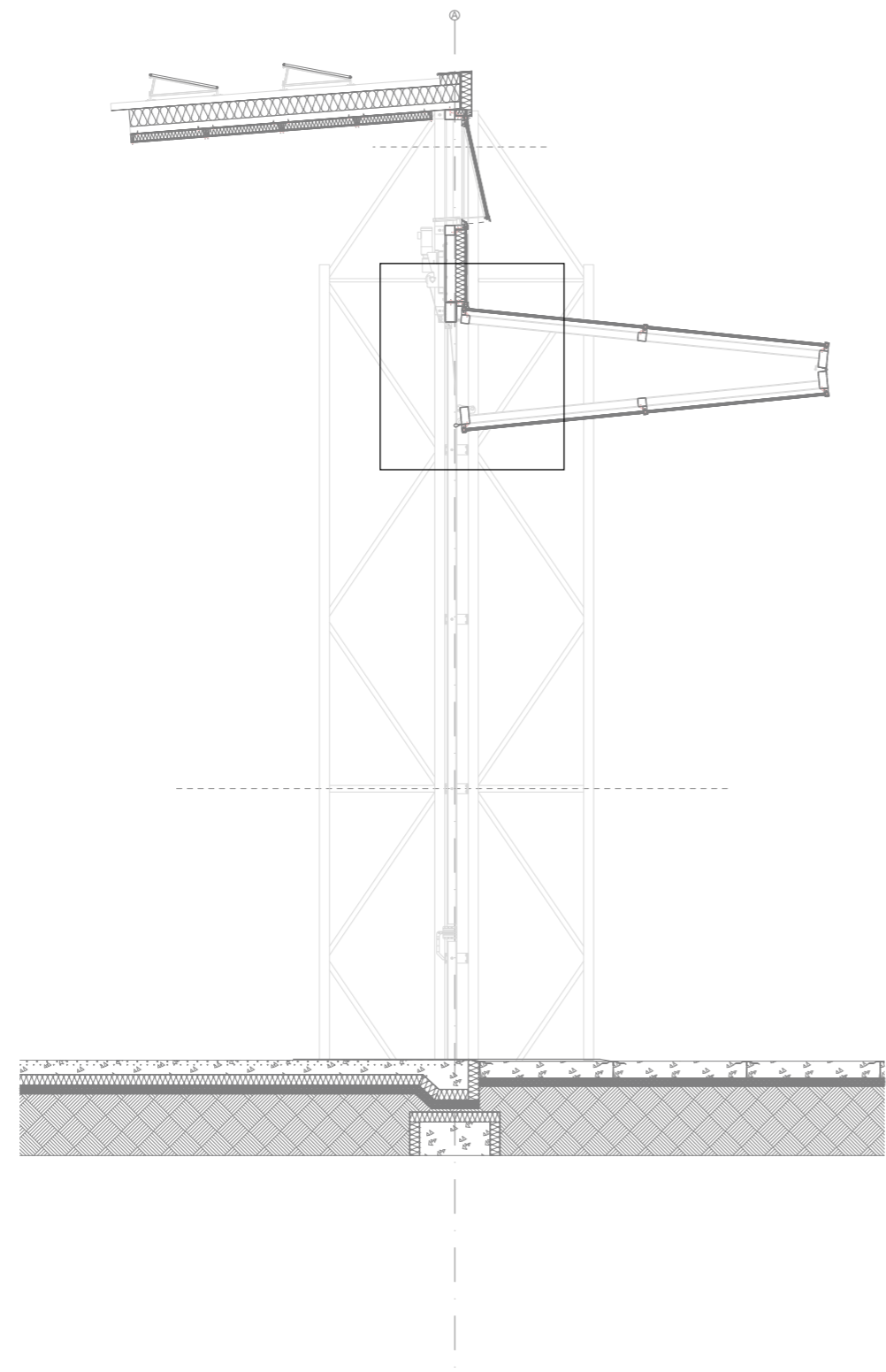


Wooden frame

Acoustic panel
MDF plate
Rockwool 100 mm
air gap
steel perforated panel

1:5 window and bifold facade connection

1:20 - voorgevel - detail versie



Window actuator

Stabalux SB curtain wall system

original roof truss

Rockwool 135 mm

CradleCore circular sandwich panel

Bifold facade frame top beam

Stabalux SB curtain wall system

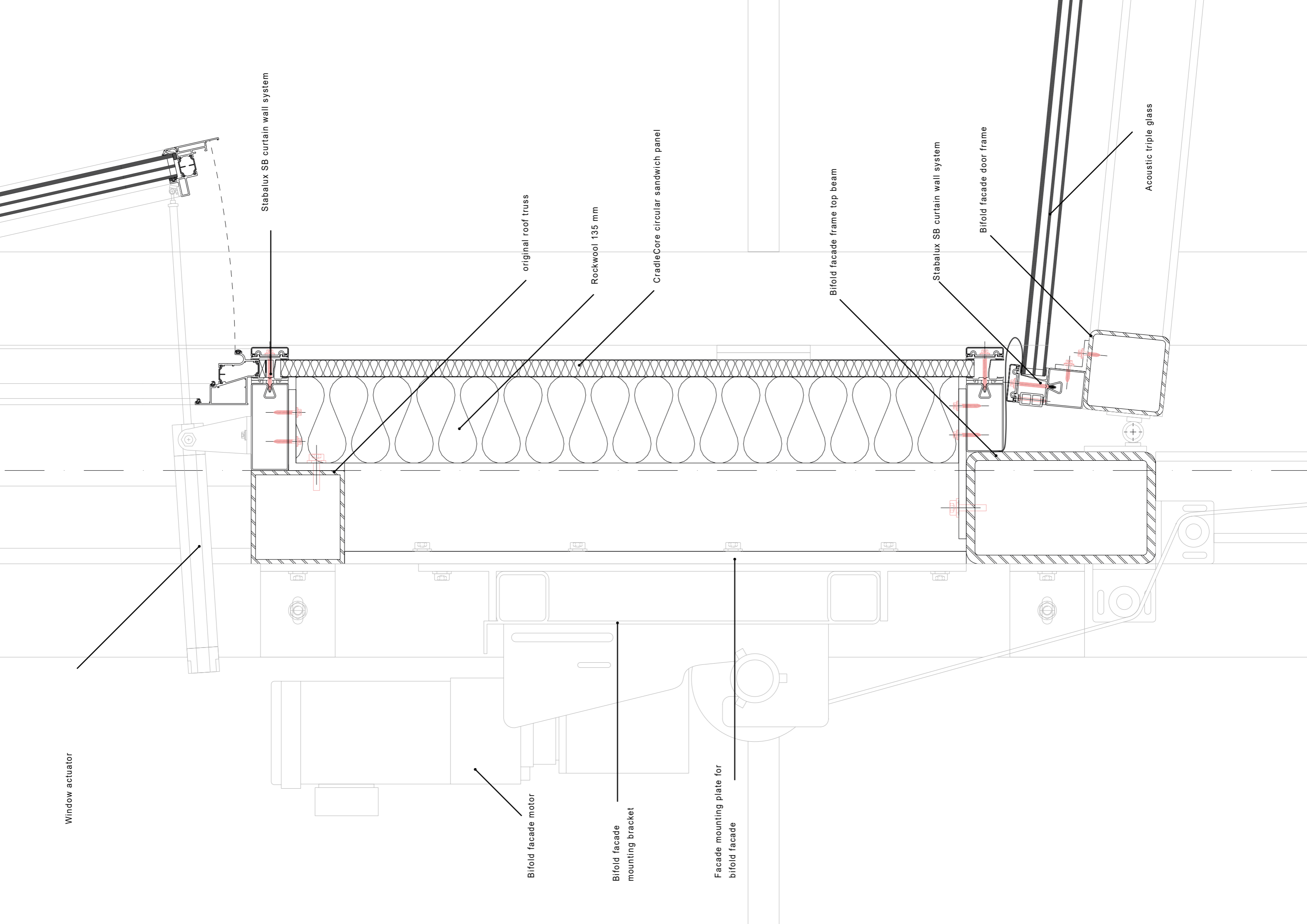
Bifold facade door frame

Acoustic triple glass

Bifold facade motor

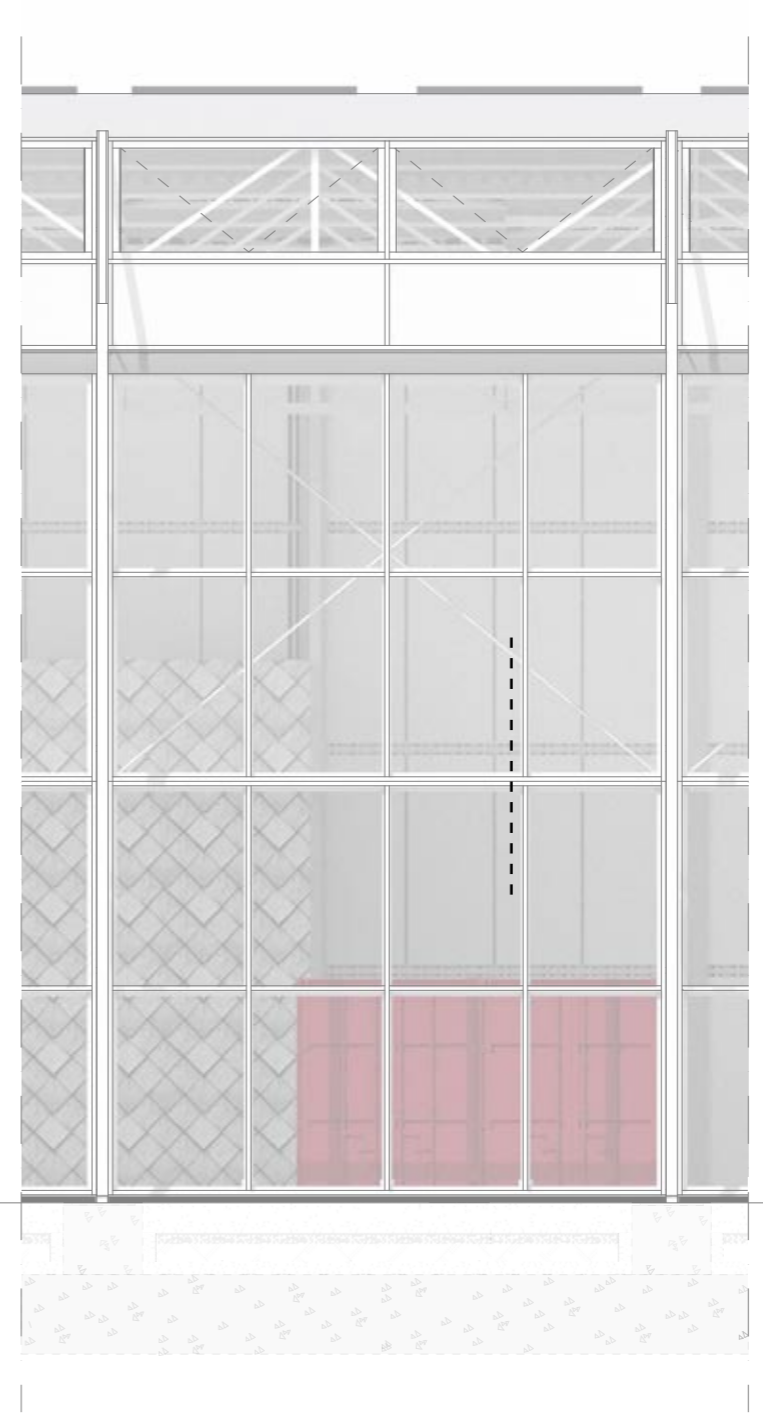
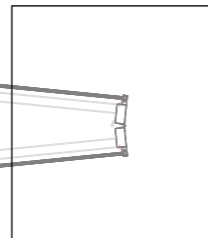
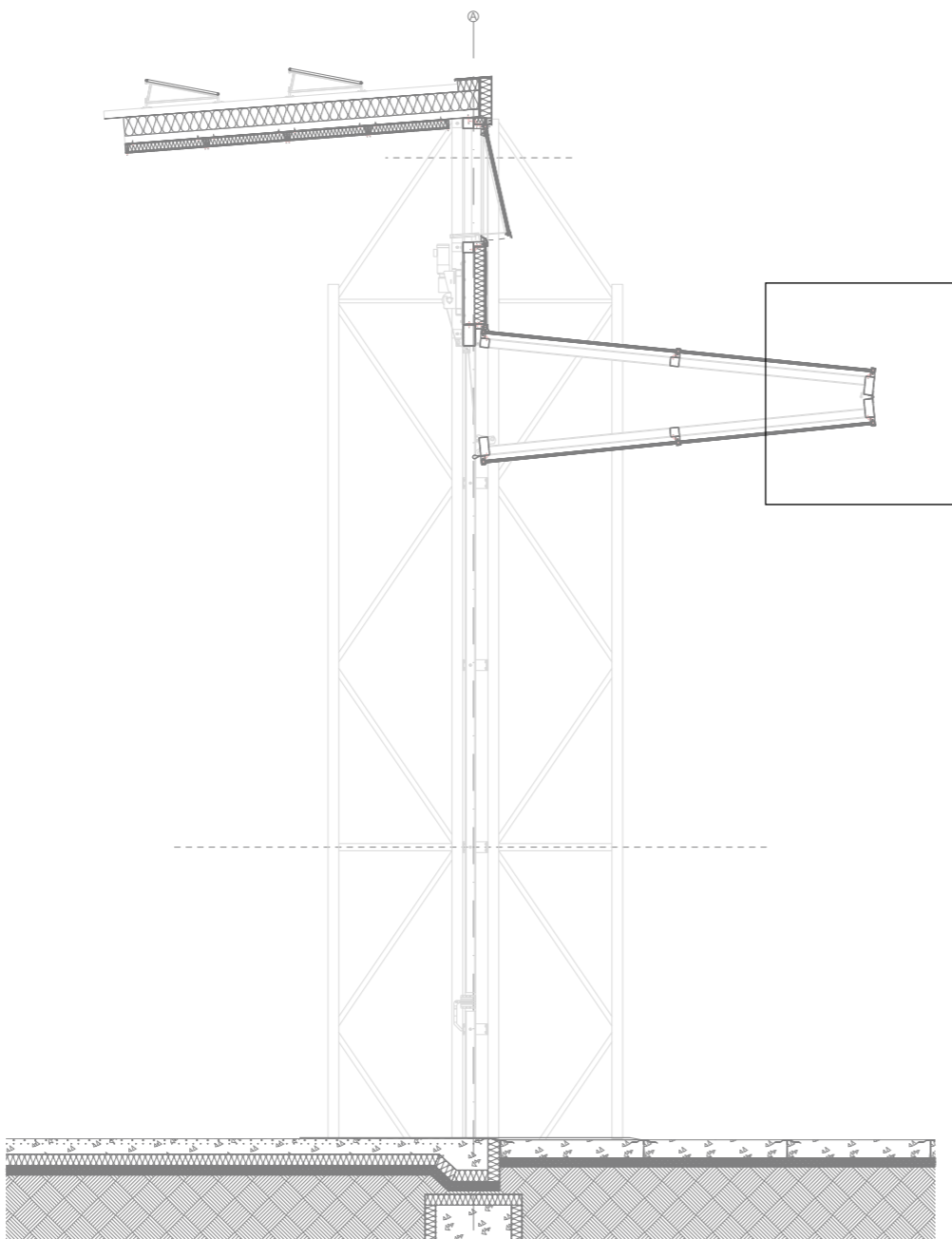
Bifold facade mounting bracket

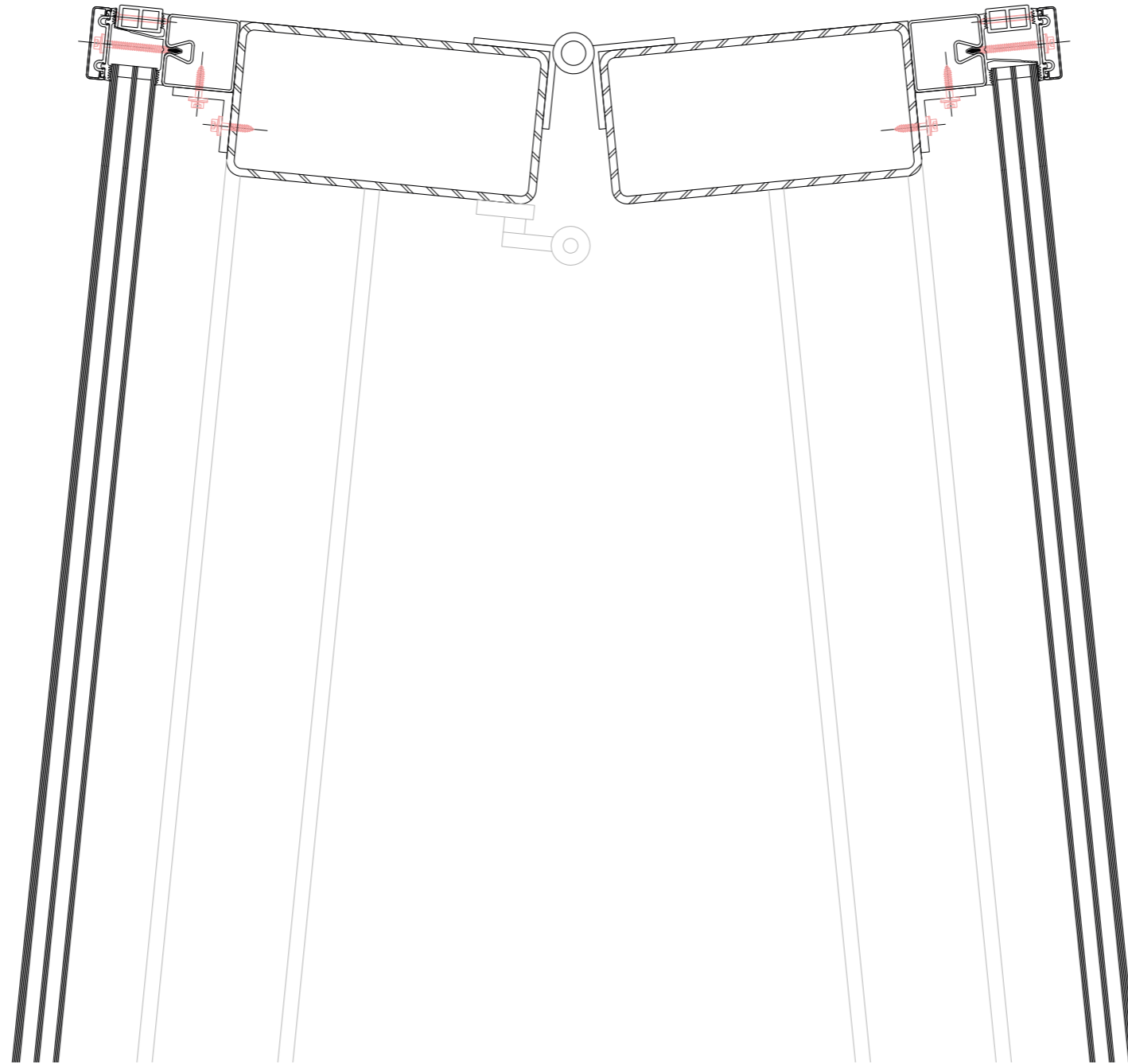
Facade mounting plate for bifold facade



1:5 bifold facade joint

1:20 - voorgevel - detail versie





1:5 bifold facade bottom

1:20 - voorgevel - detail versie

