Same emotion, Different church

P5 presentation - Levi Noah Steevensz

"I estimate that about one church a week has closed in the past decade"

- Director Alphons van der Voorn of church insurer Donatus

The Grote- of Mariakerk

Grote of Mariakerk in Meppel sluit de deuren. Gebrek aan vrijwilligers én de hoge energieprijzen zorgen ervoor dat het College van Kerkrentmeesters dit besluit naar eigen zeggen moet nemen

Eelco Kuiken * 10 oktober 2022, 16:22 * Meppel



De Grote of Mariakerk in het hart van Meppel. Het oudste deel stamt uit 1432. Foto: Wilbert Bijzitter

Meppel's and the Grote- of Mariakerk's urban growth



1650

The village of Meppel around 165 years before acquiring city rights



126

The City of Meppel around 50 years after acquiring city rights



1900

The City of Meppel slowly starting to expand outside of the histroric center



1930

The City of Meppel in between the 1st and 2nd world war



1960

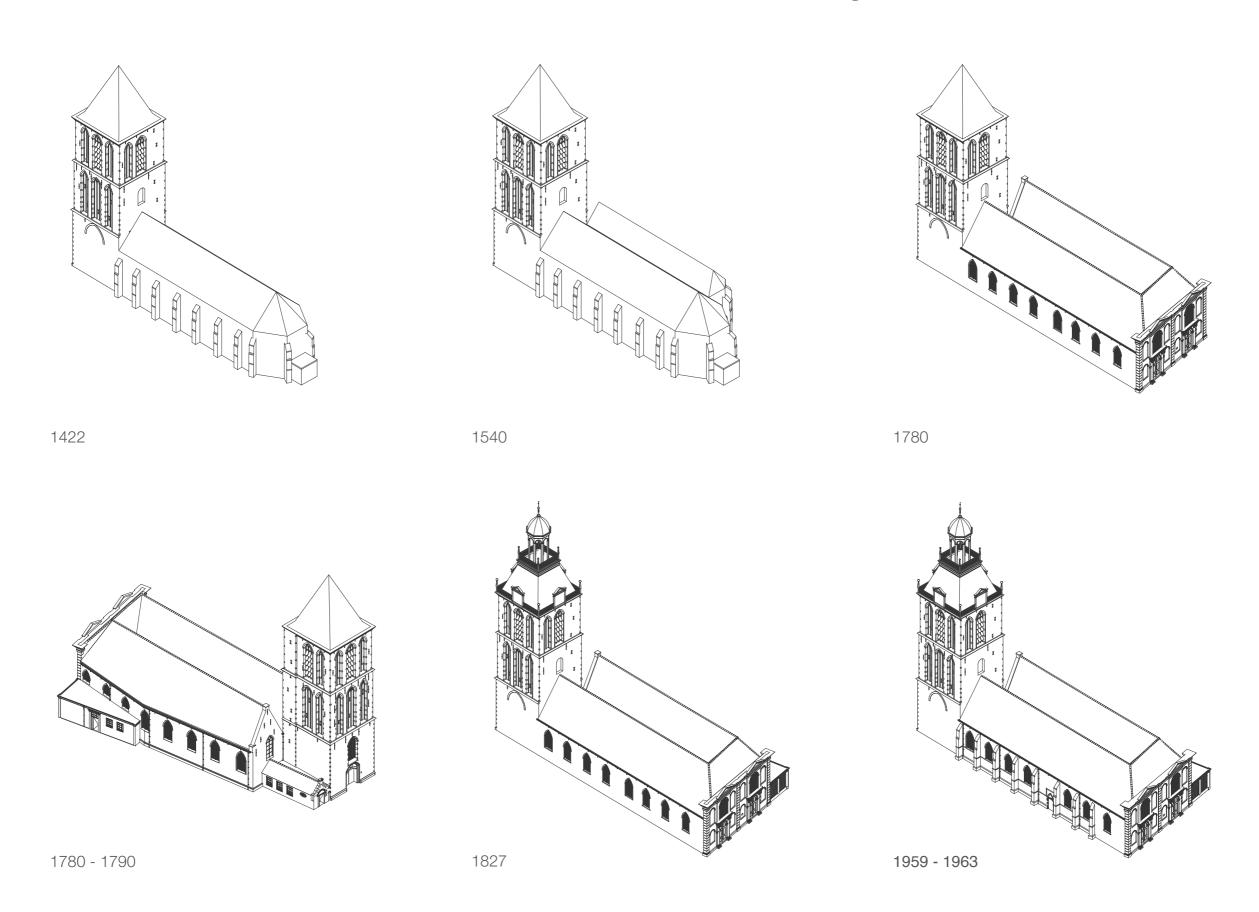
The City of Meppel after the 2nd world, starting the largely expand with multiple housing blocks and industry slowely starting to take shape



1990

The City of Meppel close to now, expansion now slowing down near the center and housing blocks now being build more outside the city (moving borders)

The Grote- of Mariakerk's historical growth



The Grote- of Mariakerk as a landmark



What hinders the repurposing of the Grote- of Mariakerk?

Repurposing is a problem

Locals place restrictions on business dealings, through protest or by arguing for a listing on the monument list

(Het Bisdom van Haarlem et al., 2008) (Zomer, 2014)

Difficulty finding a new use



De Grote of Mariakerk in Meppel © RTV Drenthe / Bastian van de Belt

De plannen voor een bibliotheek in de Grote of Mariakerk in Meppel zijn van tafel. Over een andere invulling van het gebouw is onenigheid ontstaan tussen de Protestantse Gemeente en de Stichting Grote of Mariakerk. De stichting dreigt zichzelf op te heffen.

Kerkdiensten worden al jaren niet meer gehouden in de monumentale kerk, om het gebouw een nieuwe invulling te geven werd de Stichting Grote of Mariakerk opgetuigd. Maar juist die stichting denkt er over na om er de brui aan te geven na een 'onverwachte wending'.

"What is the limit of acceptable change to the sense of place for the local community, when transforming the form and function of the Grote- of Mariakerk in Meppel?"

What is a Sense of Place?

Definition of a Sense of Place

Sense of Place can be defined as the emotional bond or attachment individuals or groups develop with locations or environments, ranging between positive and negative bonds

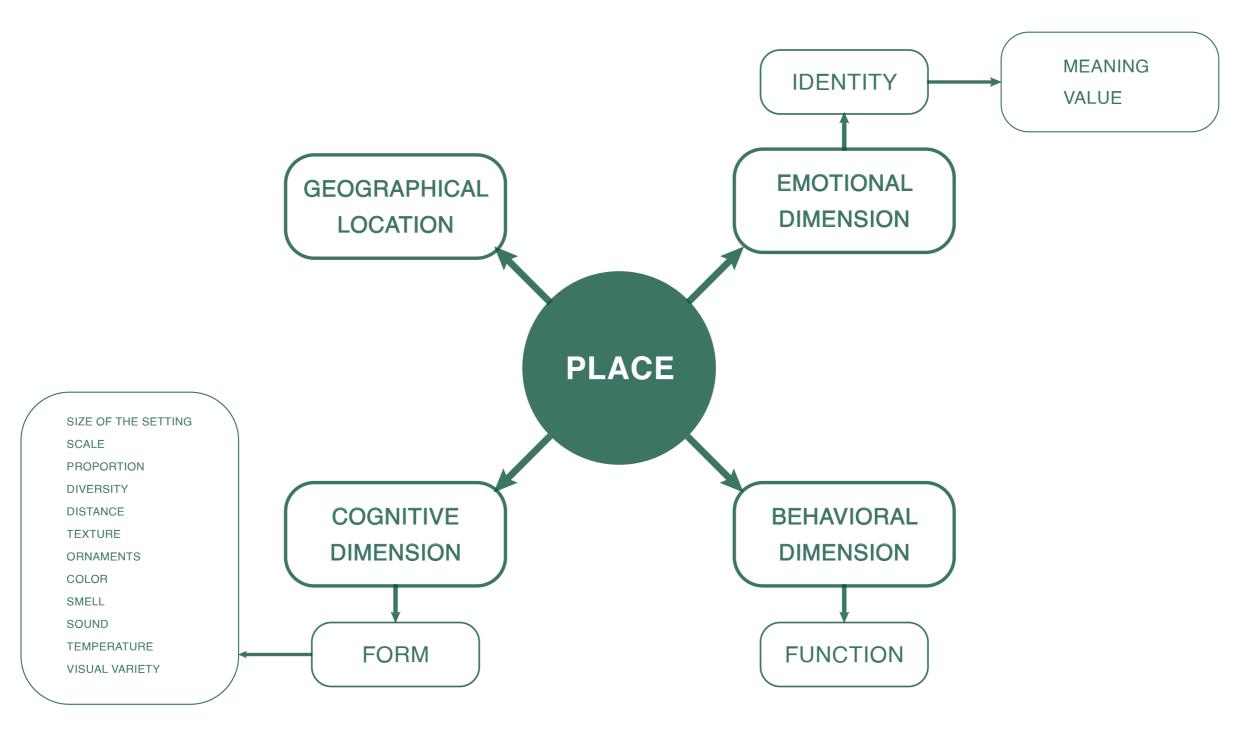
(Foote & Azaryahu, 2009)

Forming a Sense of Place

Sense of Place is a phenomenon created from the interaction between people and places

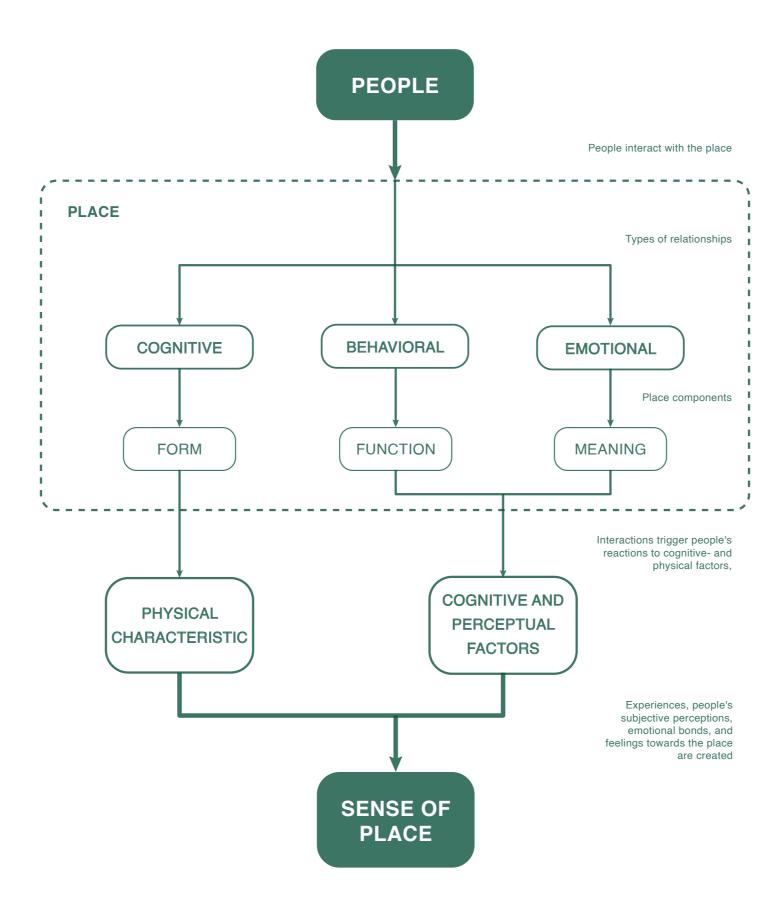
(Hashemnezhad et al., 2013)

Sense of Place and Place

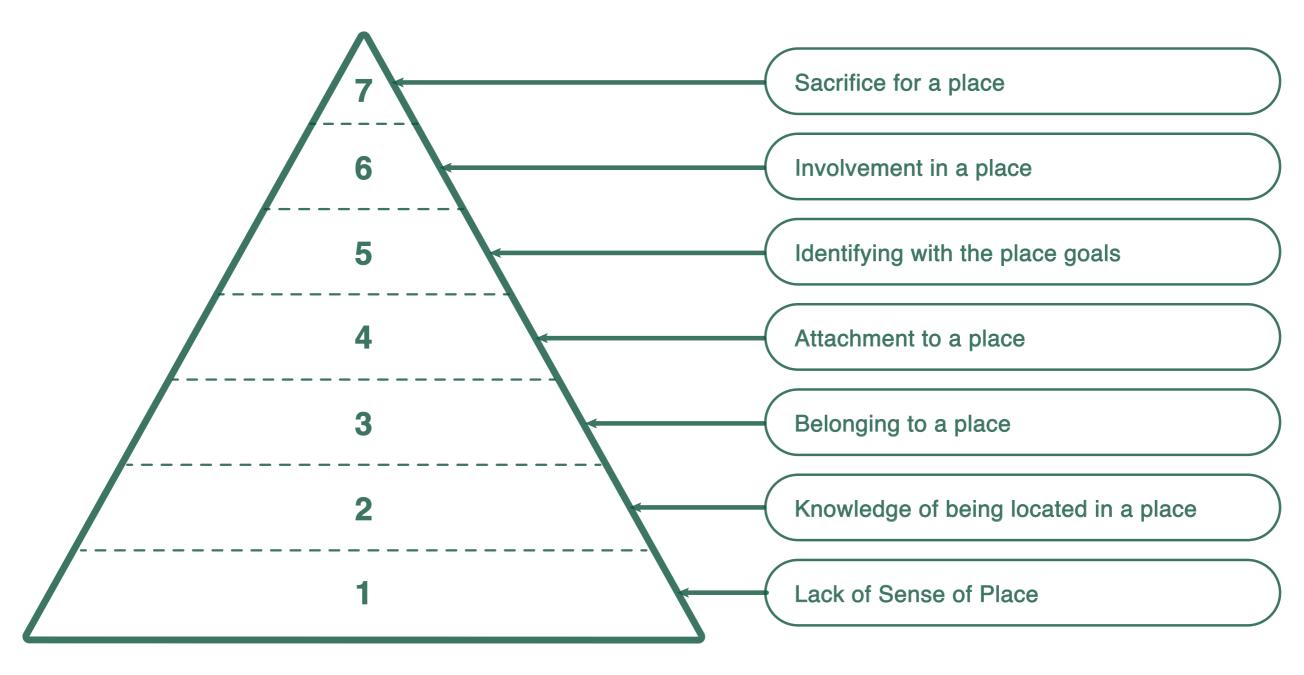


((own work) according to (JORGENSEN en STEDMAN, 2001);(Gieryn, 2000))

Forming a Sense of Place



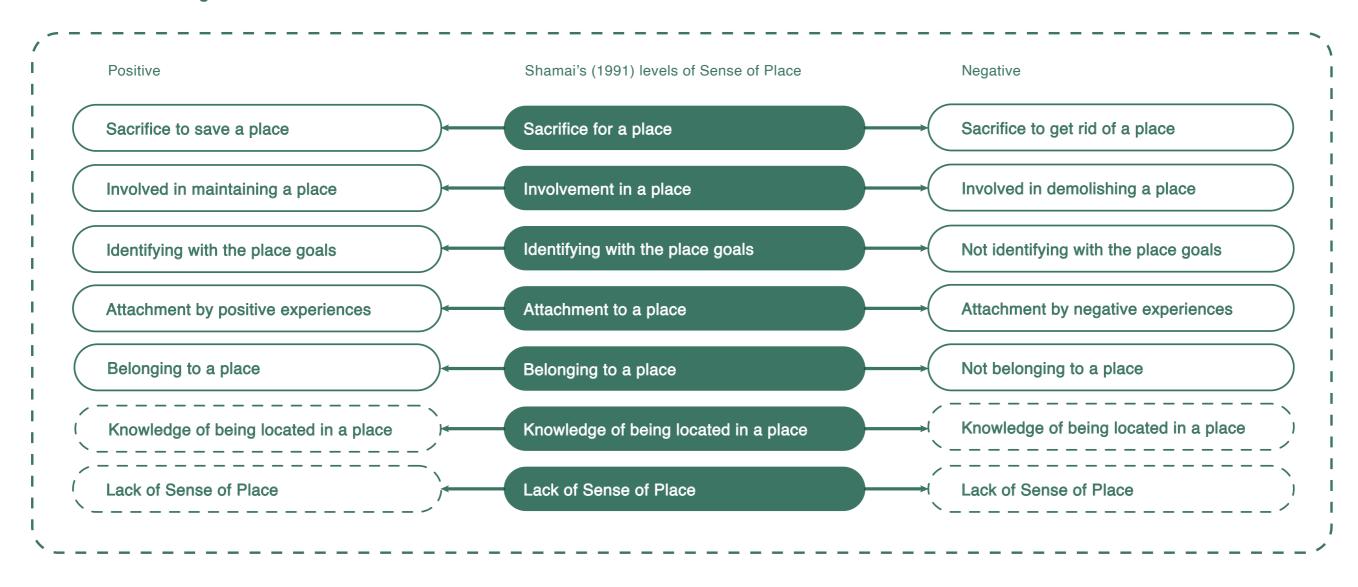
Levels of Sense of Place



((own work) according to (Shamai, 1991))

Levels of Sense of Place

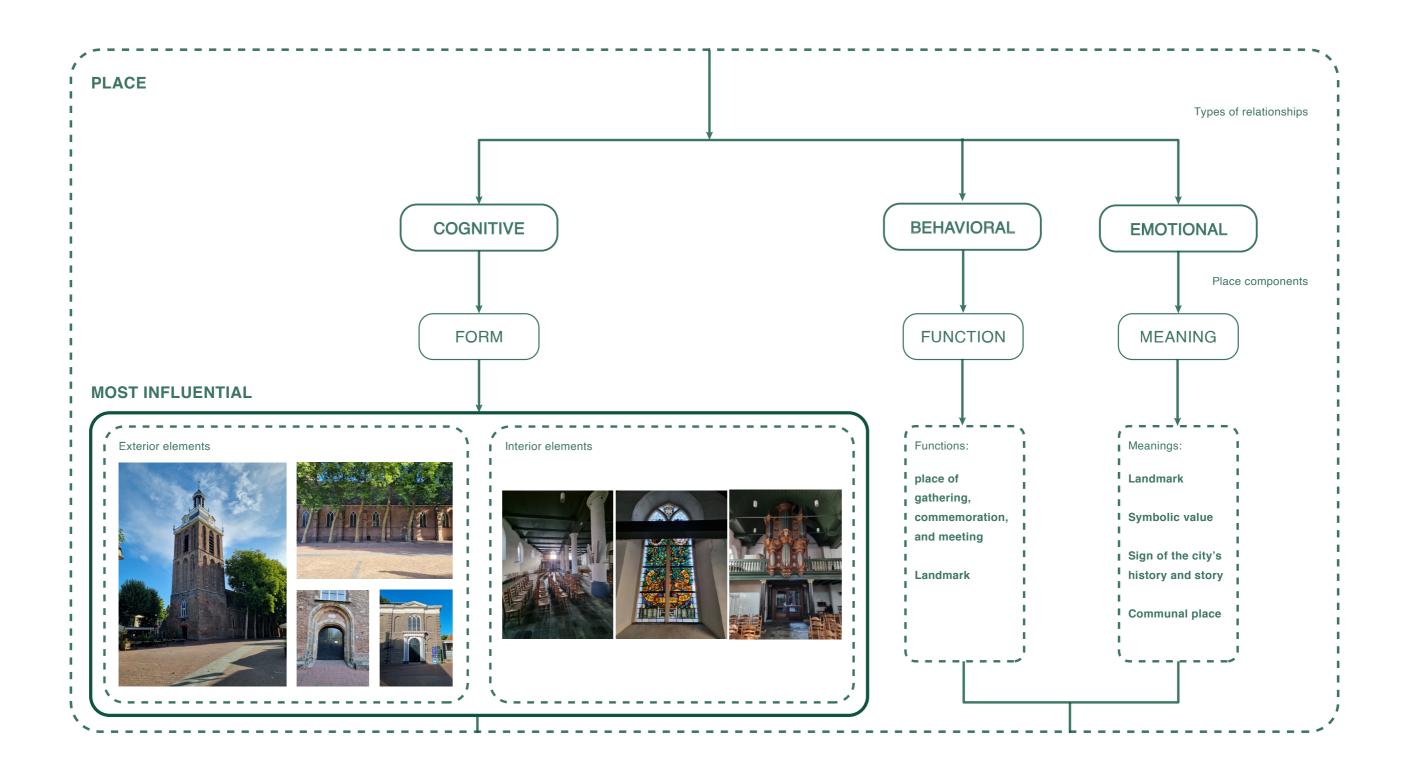
Positive and Negative Levels of Sense of Place



((own work) according to (Shamai, 1991))

What is the local Sense of Place towards the Grote-of Mariakerk?

Local Sense of Place towards the Grote- of Mariakerk



Factors most influential factors towards forming a Sense of Place

Exterior elements

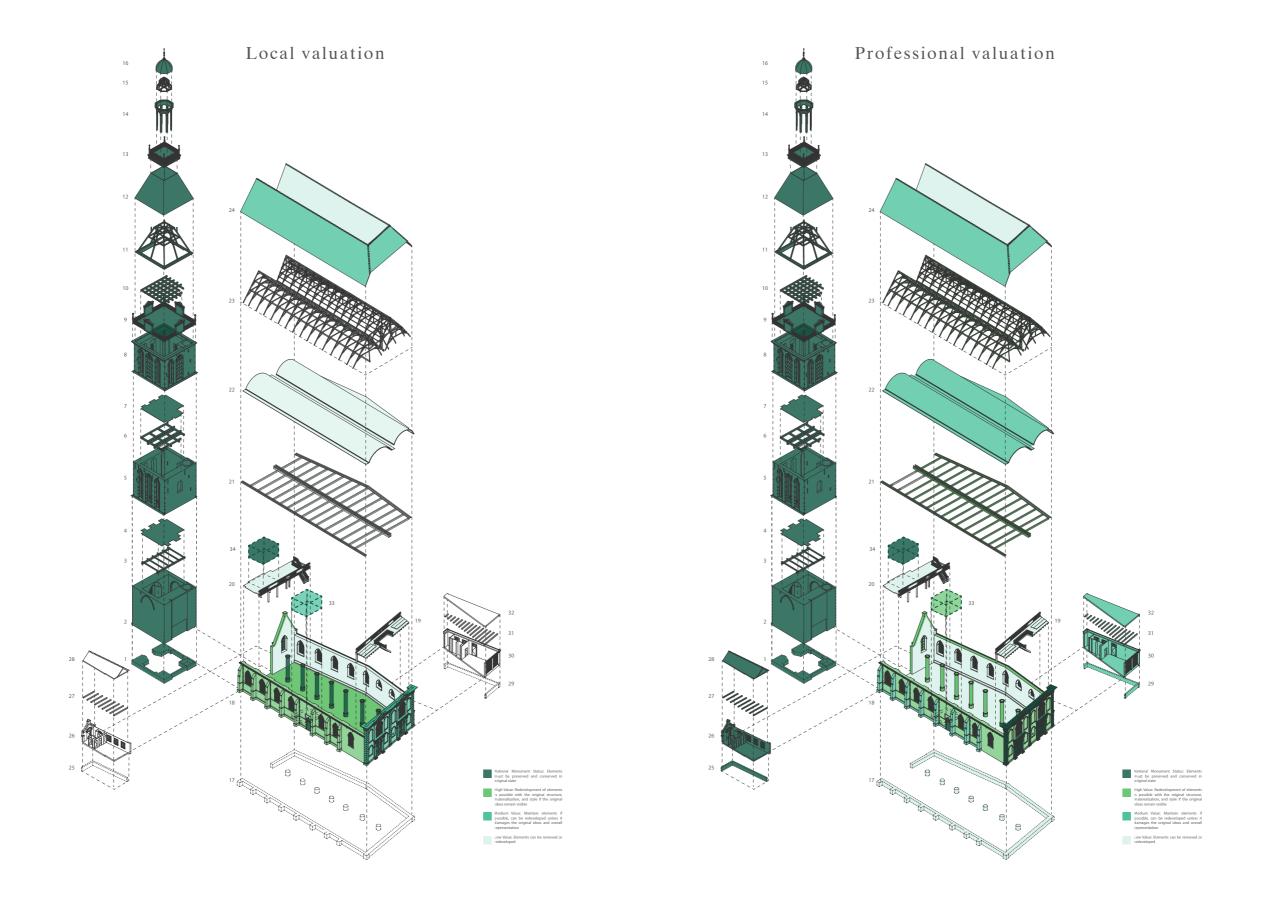




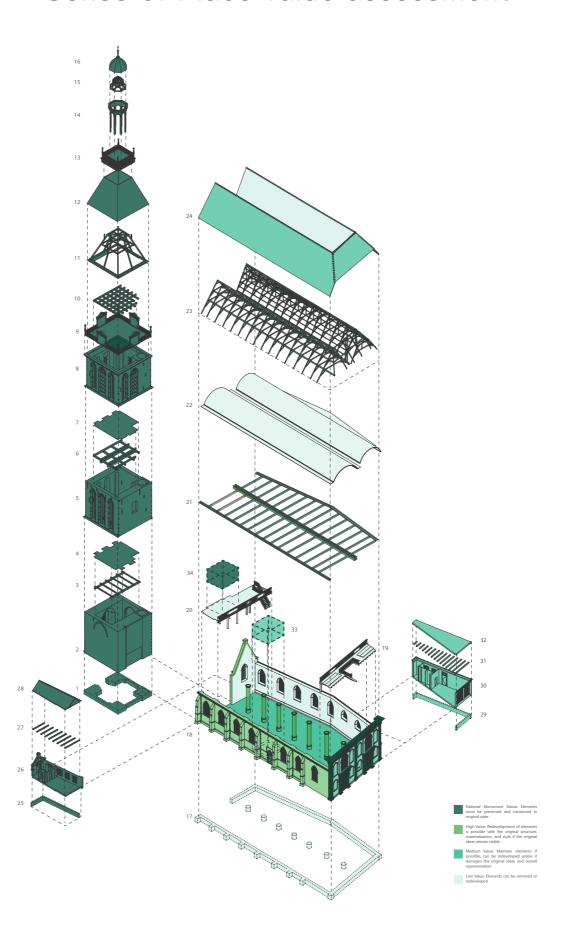




Professional vs Local value assessment

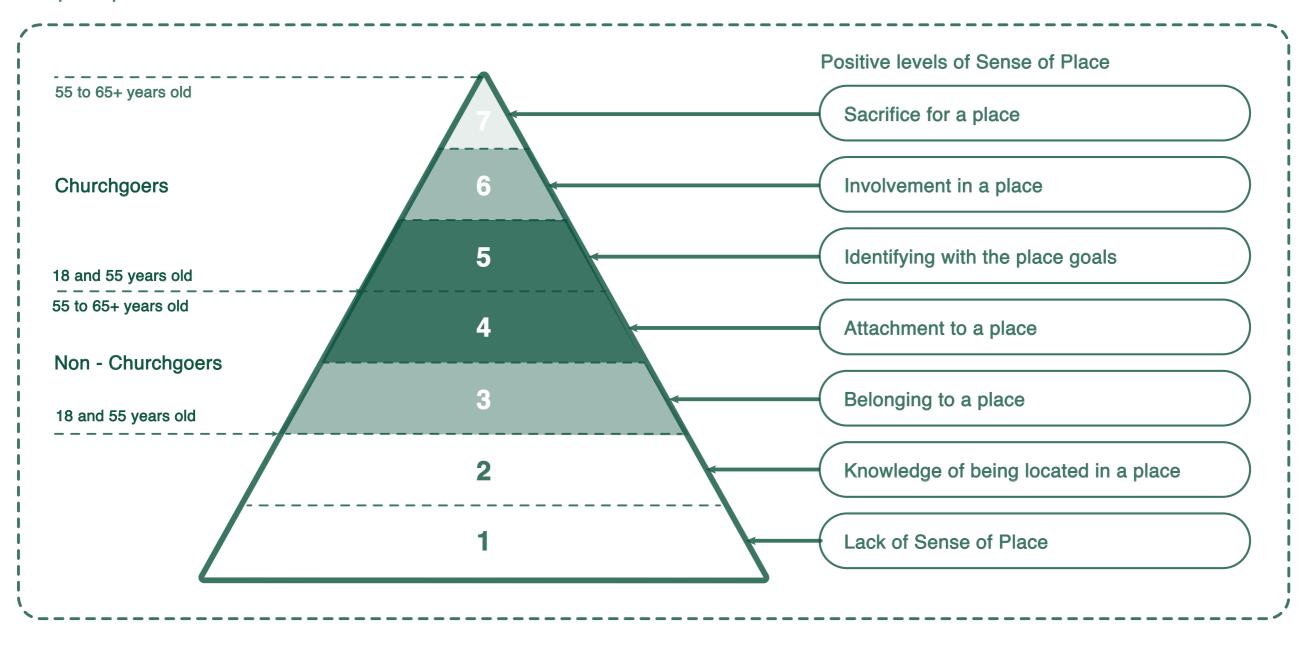


Sense of Place value assessment



Local level of Sense of Place towards the Grote- of Mariakerk

The participant's Sense of Place towards the Grote of Mariakerk



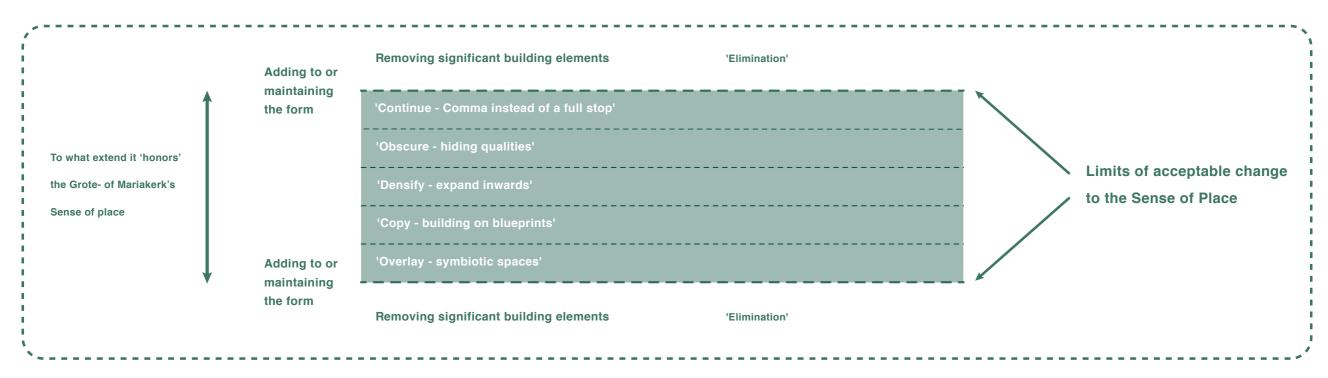
How does transformation of the Grote- of Mariakerk affect to local Sense of Place?

Local level of Sense of Place towards the Grote- of Mariakerk

LIMITS OF ACCEPTABLE CHANGE TO THE FUNCTION OF THE GROTE- OF MARIAKERK



LIMITS OF ACCEPTABLE CHANGE TO THE FORM OF THE GROTE- OF MARIAKERK



How did the local Sense of Place affect the repurposing of the Grote- of Mariakerk?

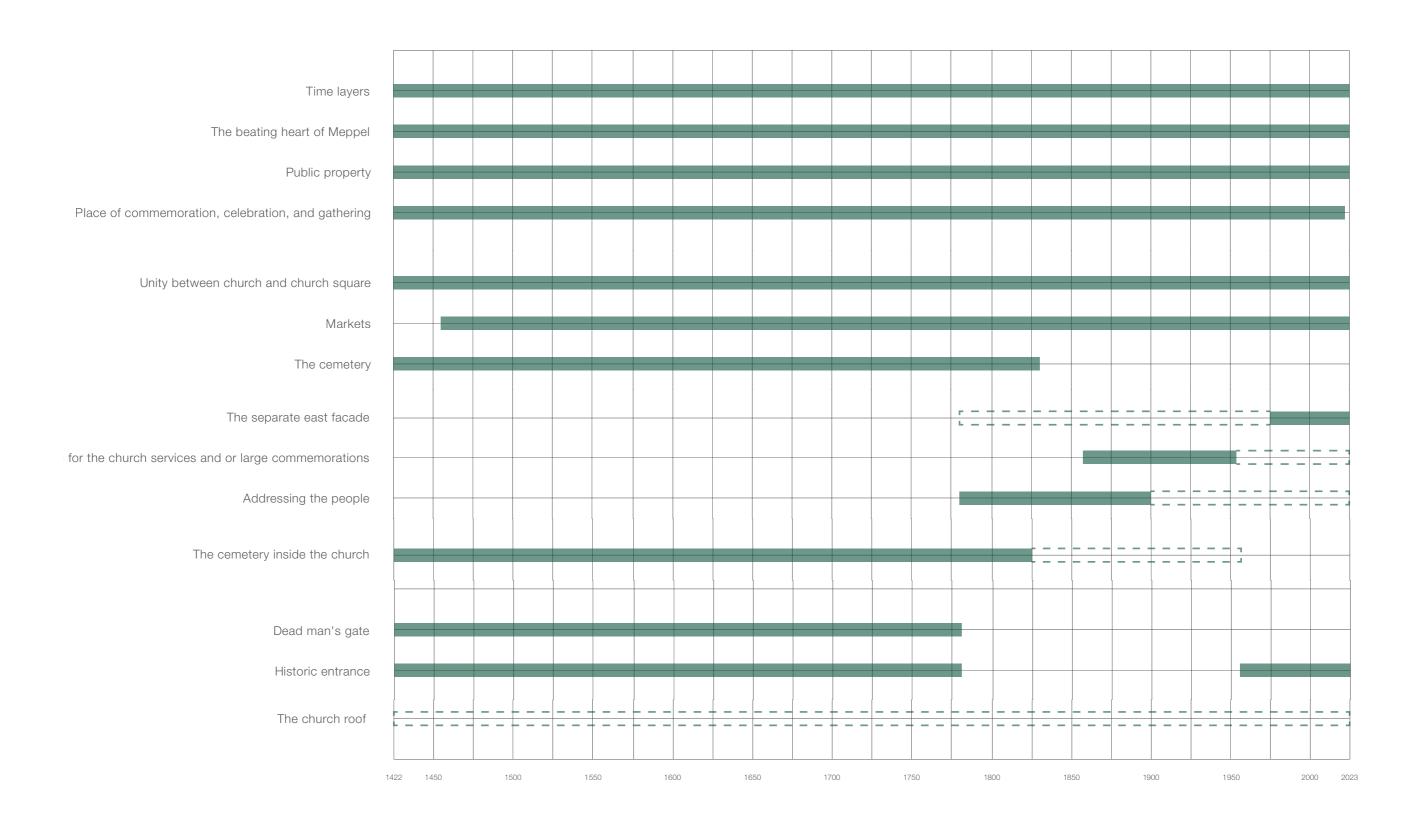
Local Sense of Place as a source of inspiration

"The Grote- of Mariakerk tells the story of Meppel and Meppel tells the story of the Grote- of Mariakerk"

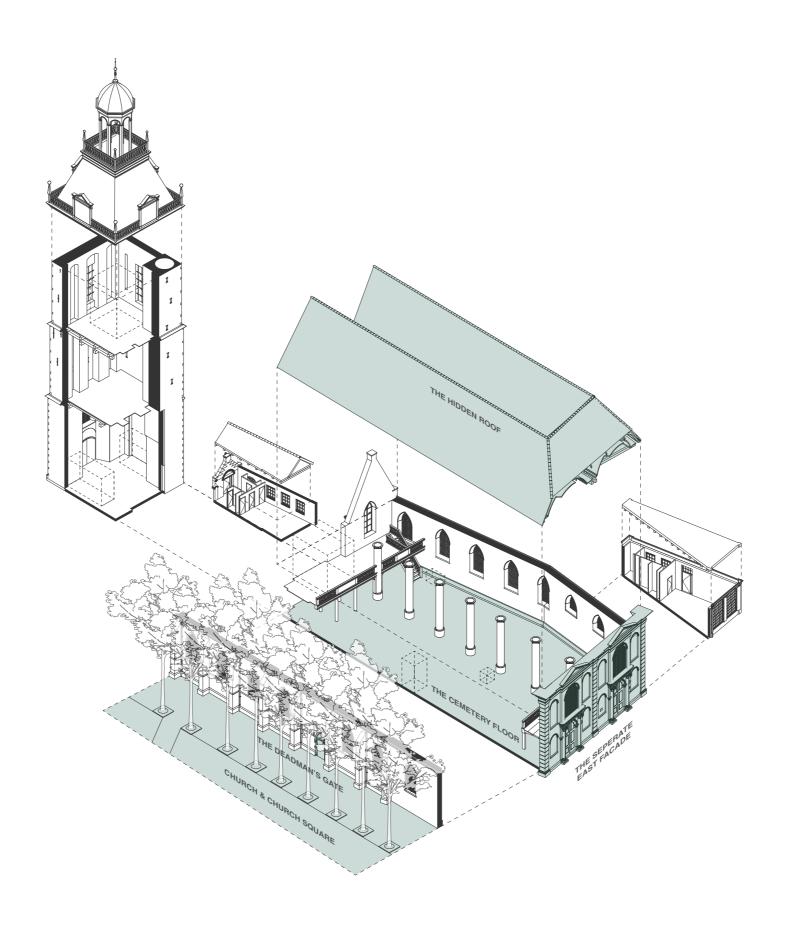
Design concept

Telling the Story of the Grote- of Mariakerk, Meppel, and the public perception of the church through the church building's use and spatial experience

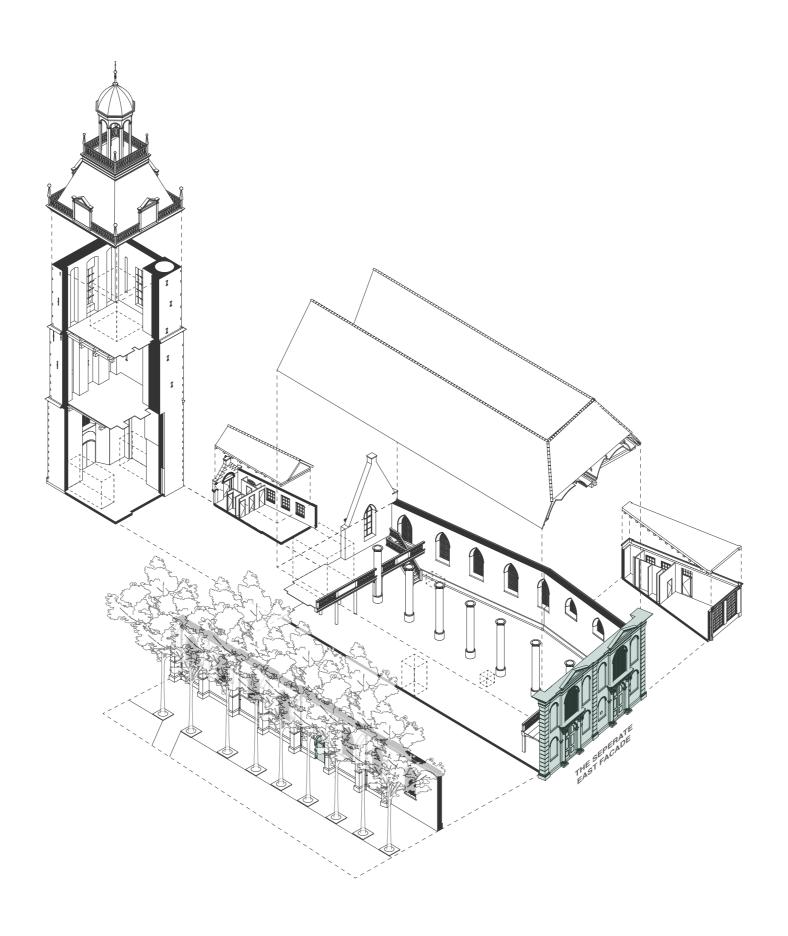
Timeline of the Grote- of Mariakerk



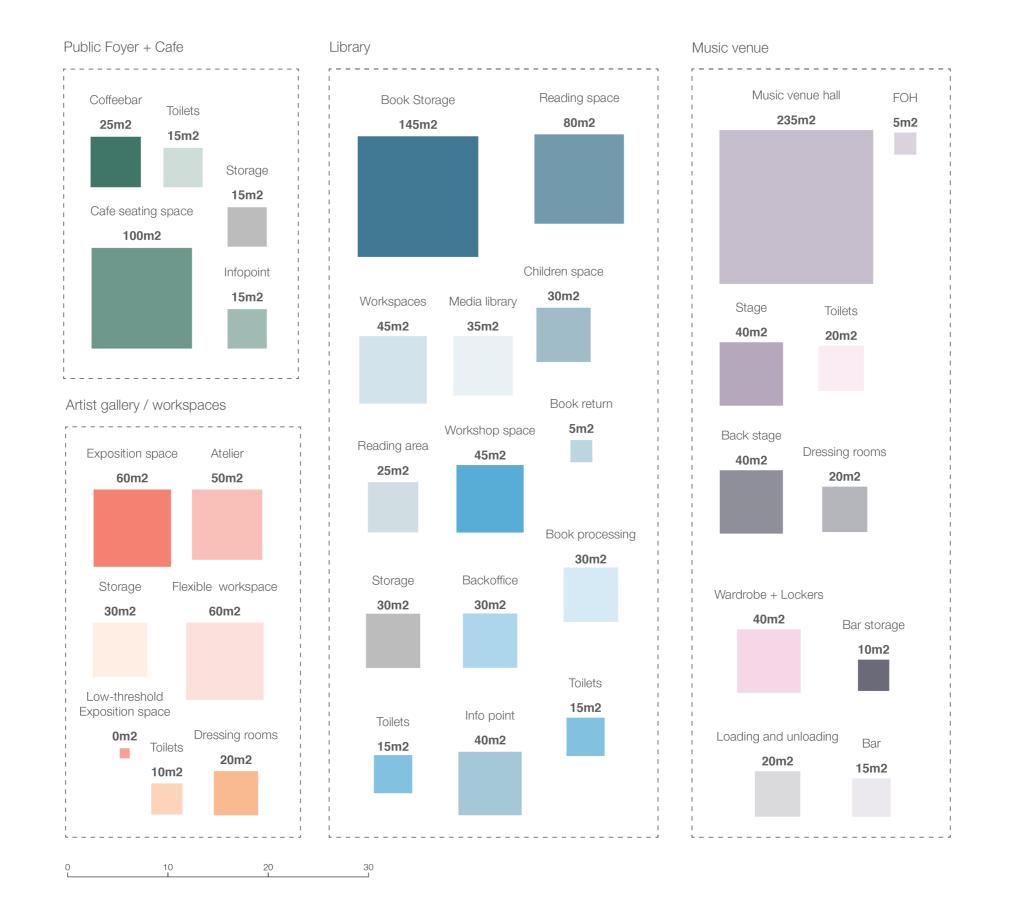
Main interventions



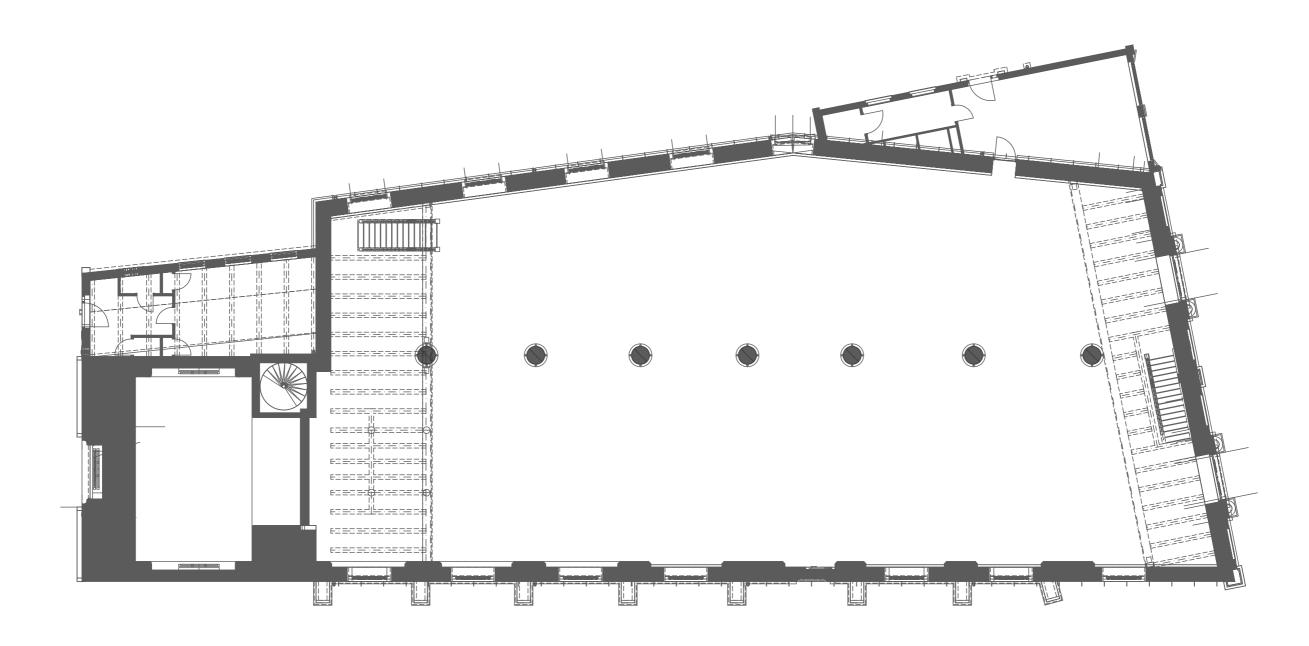
The seperate east facade



New program



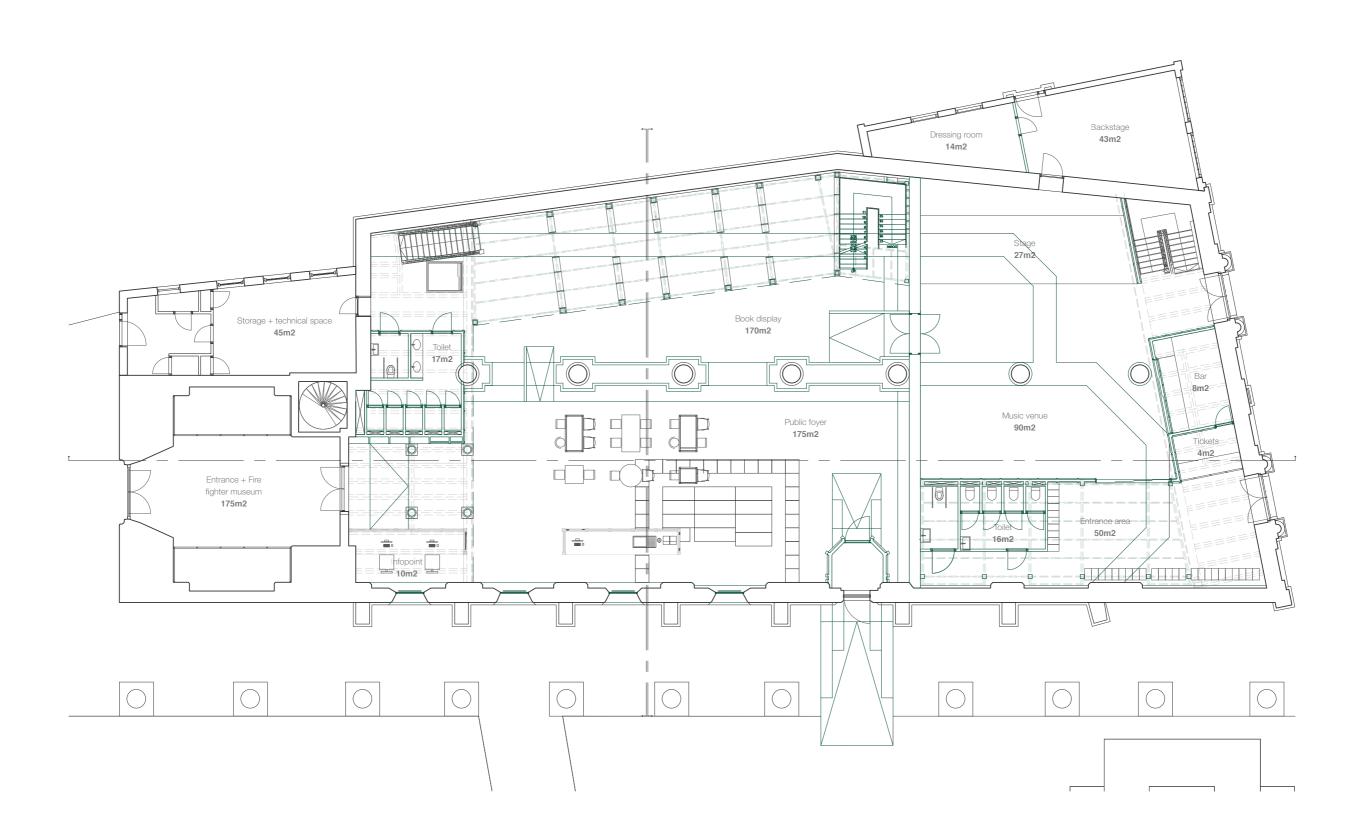
Existing ground floor



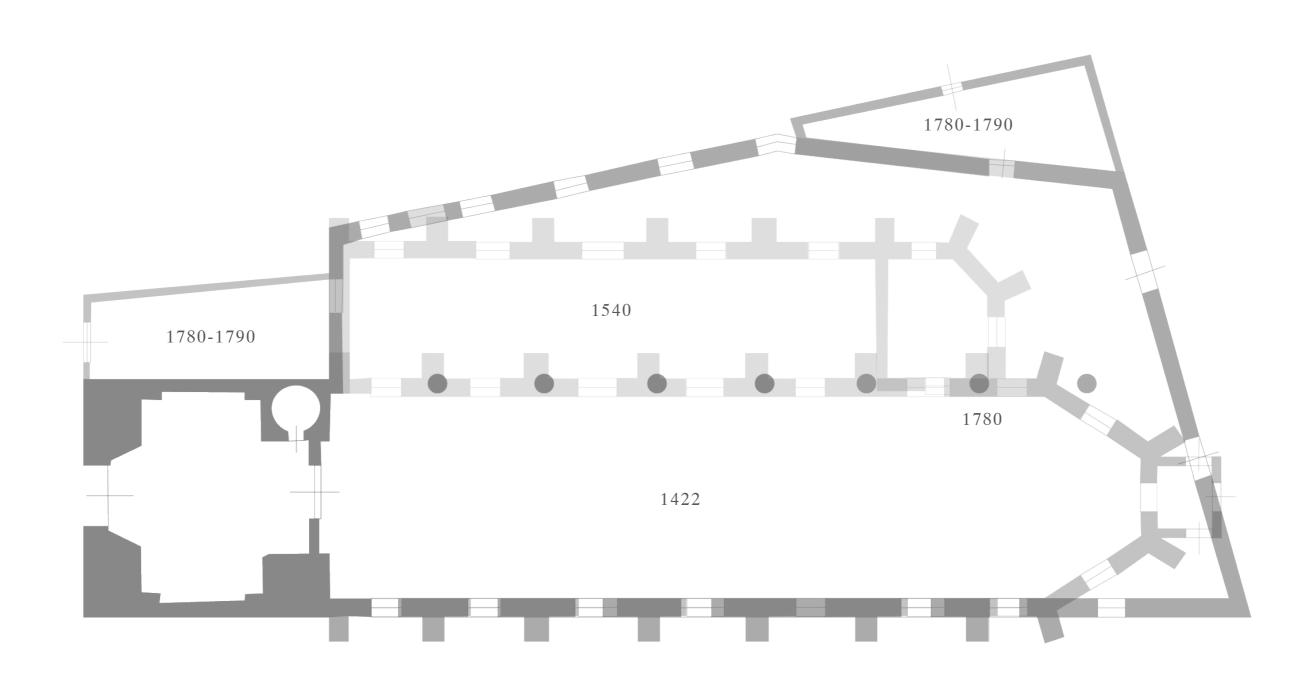
Ground floor 0 5 1

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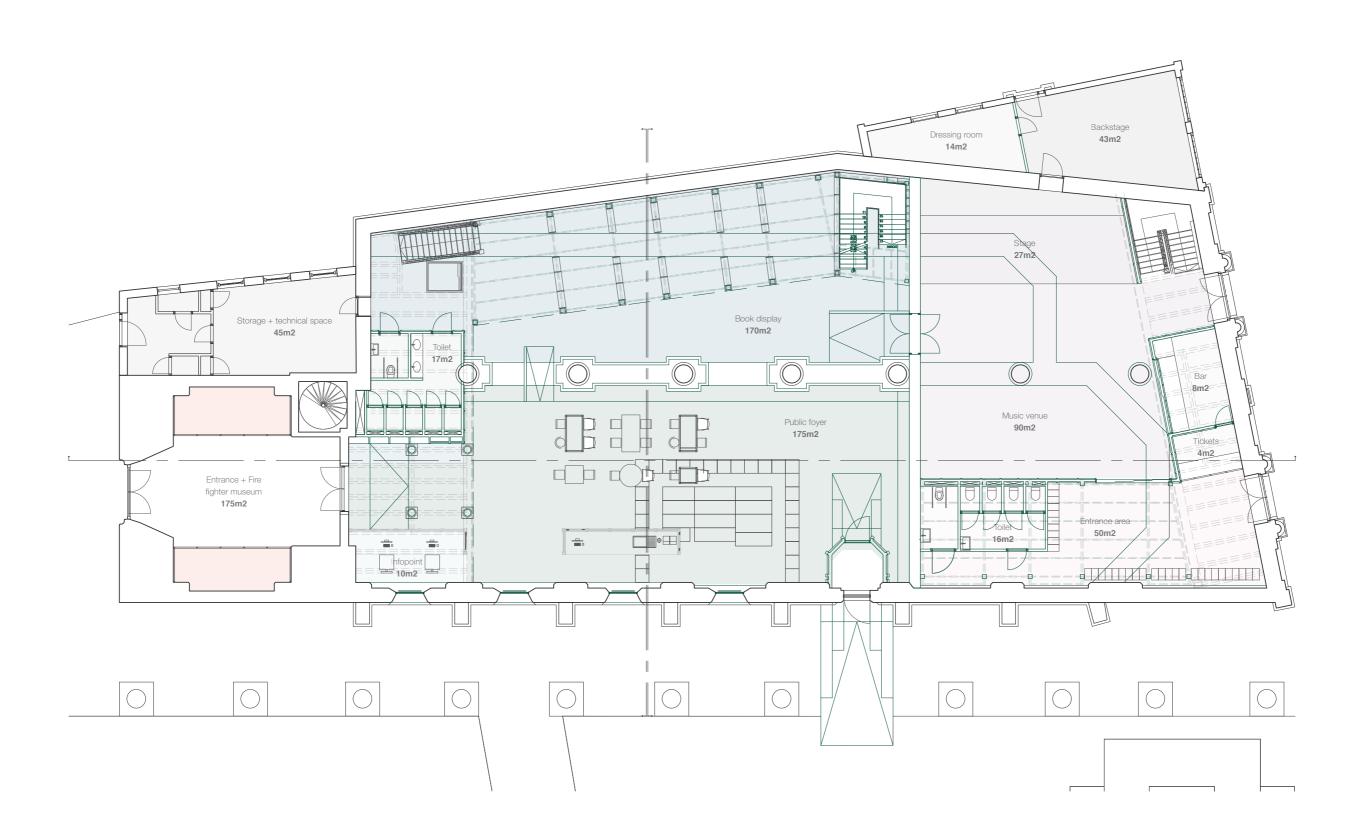
New ground floor



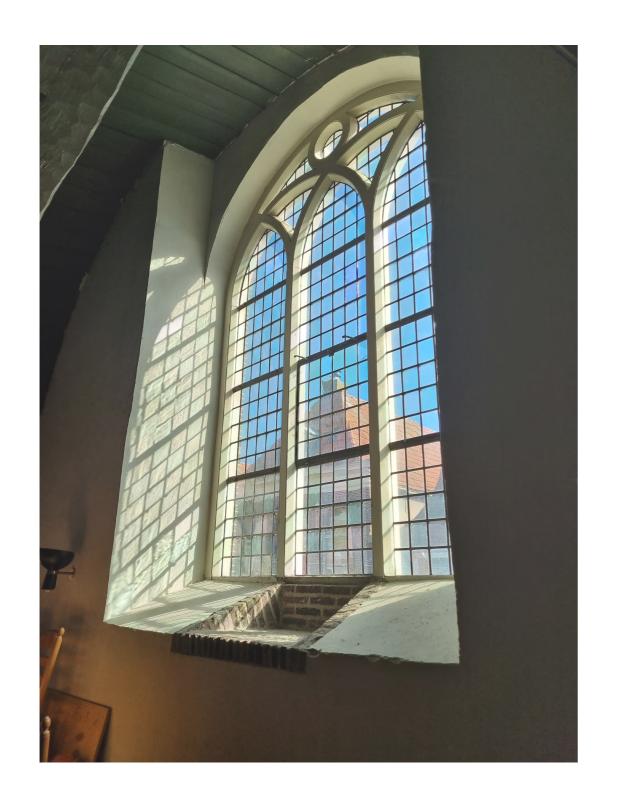
Timelayers of the Grote of Mariakerk

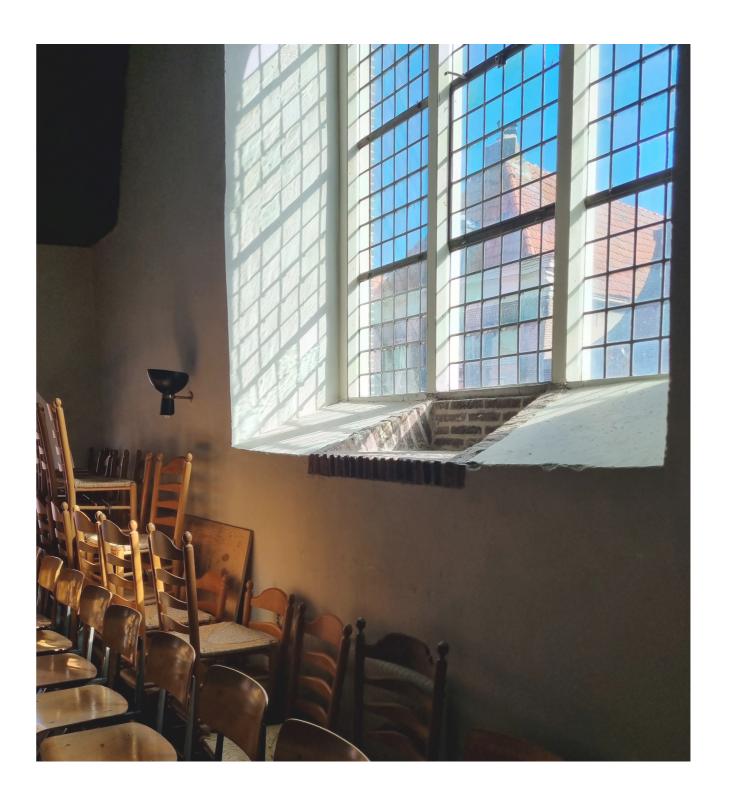


New ground floor

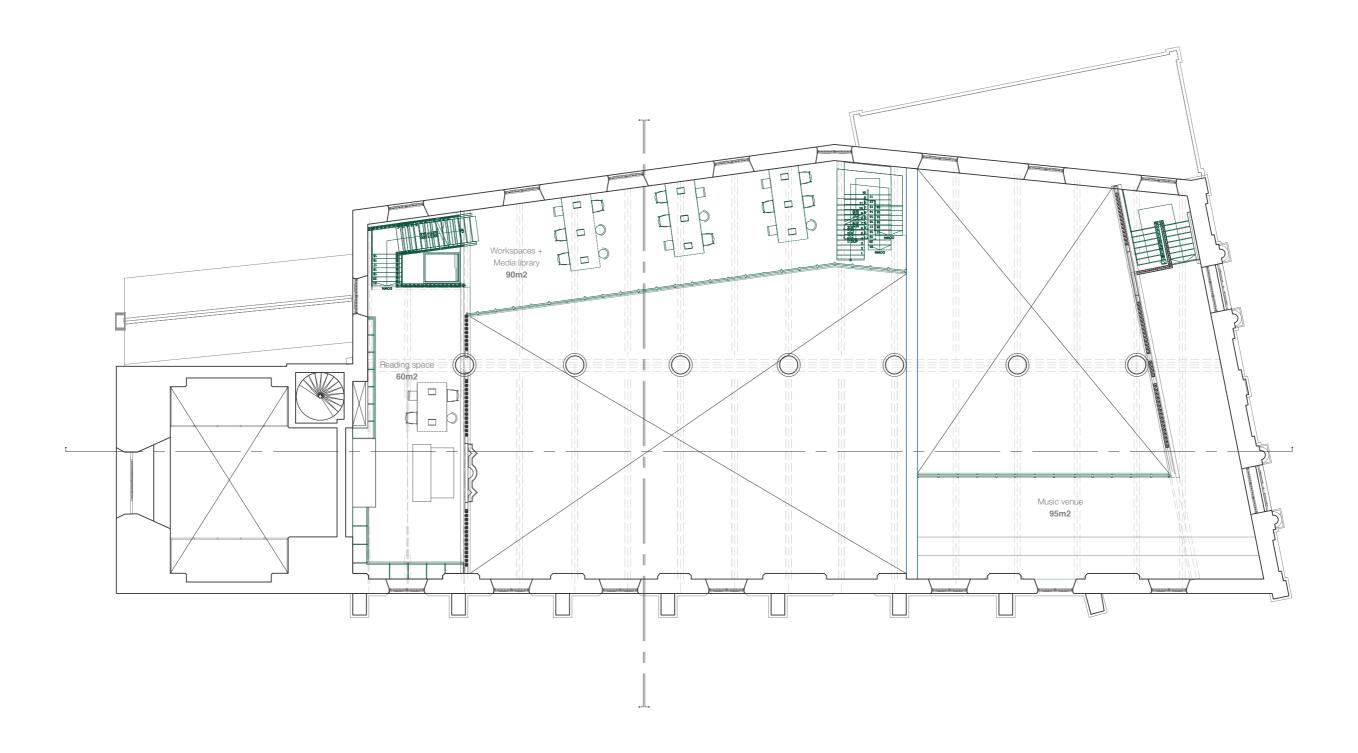


The townspeaker

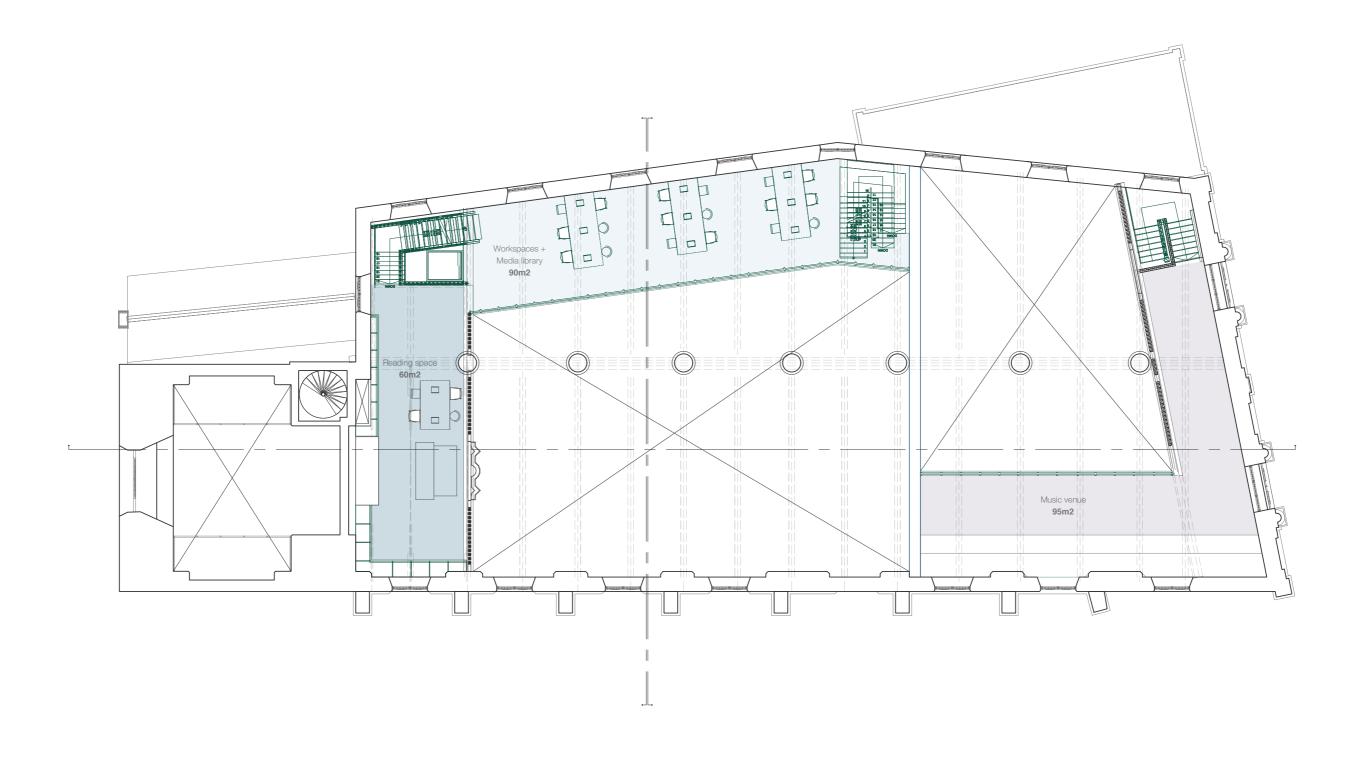




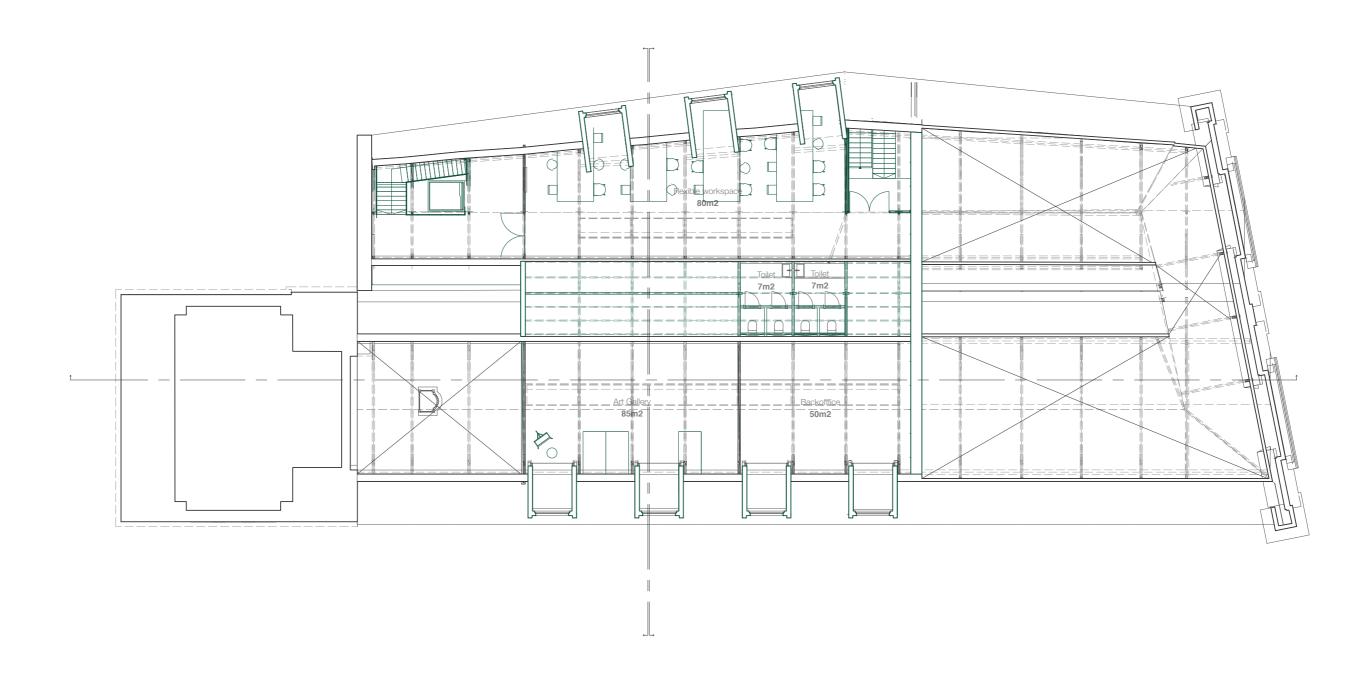
New first floor



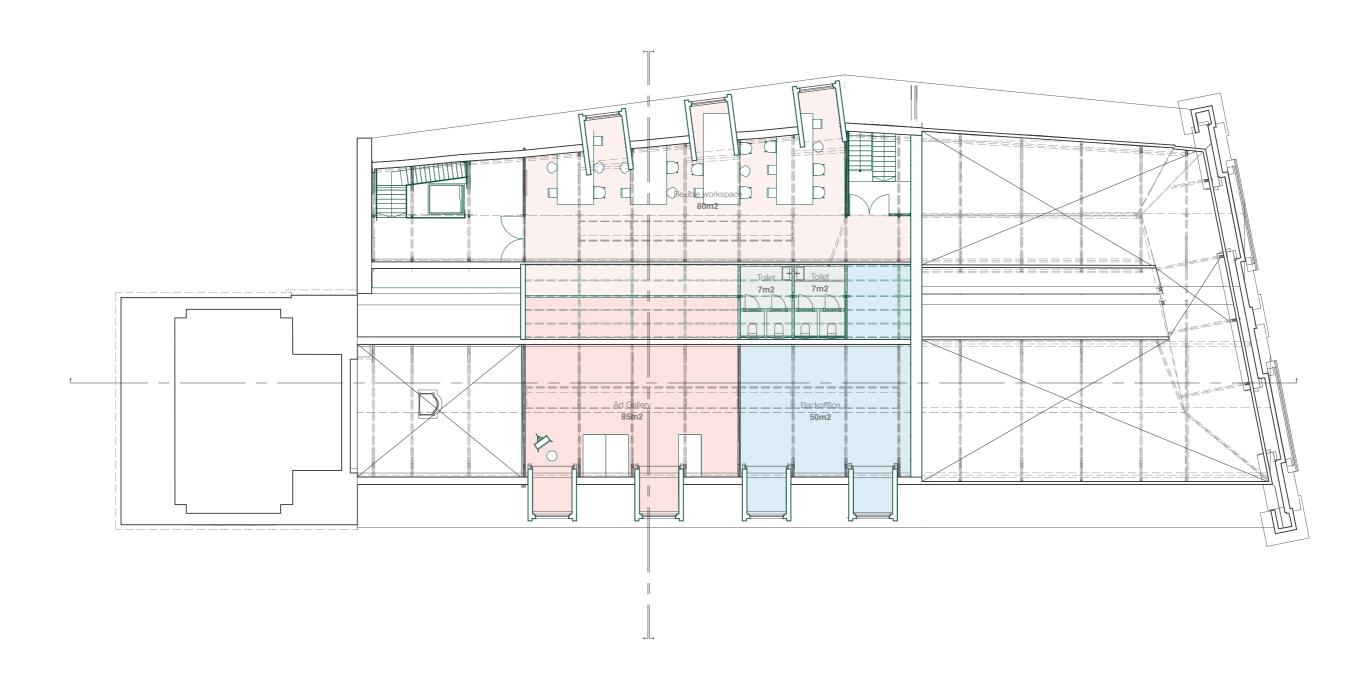
New first floor



New second floor



New second floor



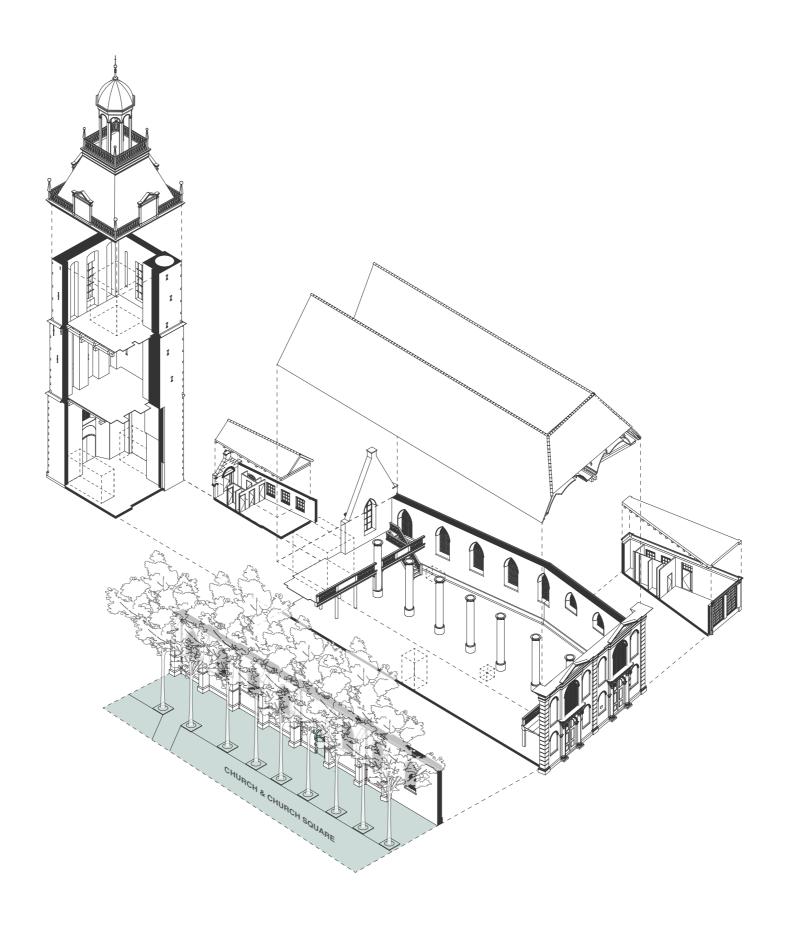
Longitudinal section



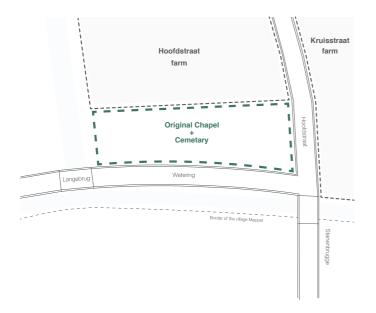
Longitudinal section



The church and the church square



Historic timeline of the Grote- of Mariakerk and Kerkplein



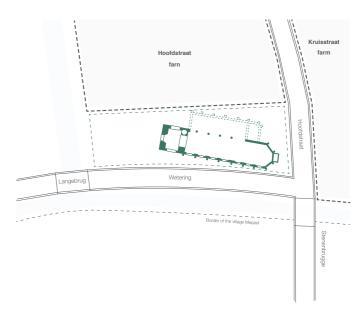
< 1400

Orginally there was a chapel and cemetary located on the location of the current the Grote- of Mariakerk, however its appearance is unknown



1422

In 1422 the original Grote- of Mariakerk was named a parish church (built)



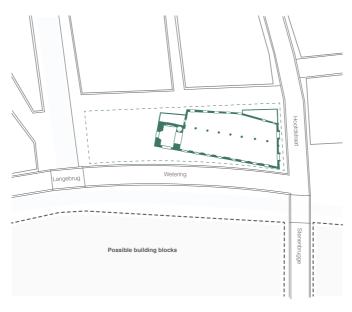
1540

The church was rebuilt/enlarged for the first time with the addition of a new north beech to accommodate more people



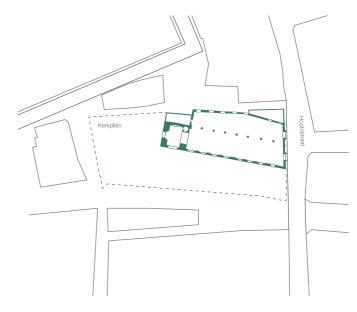
1780

The church was enlarged a second time by extending east facade with a new classic facade to accommodate even more people, and the North beach was enlarged with the additional new facade and nod we see today



1780 - 1790

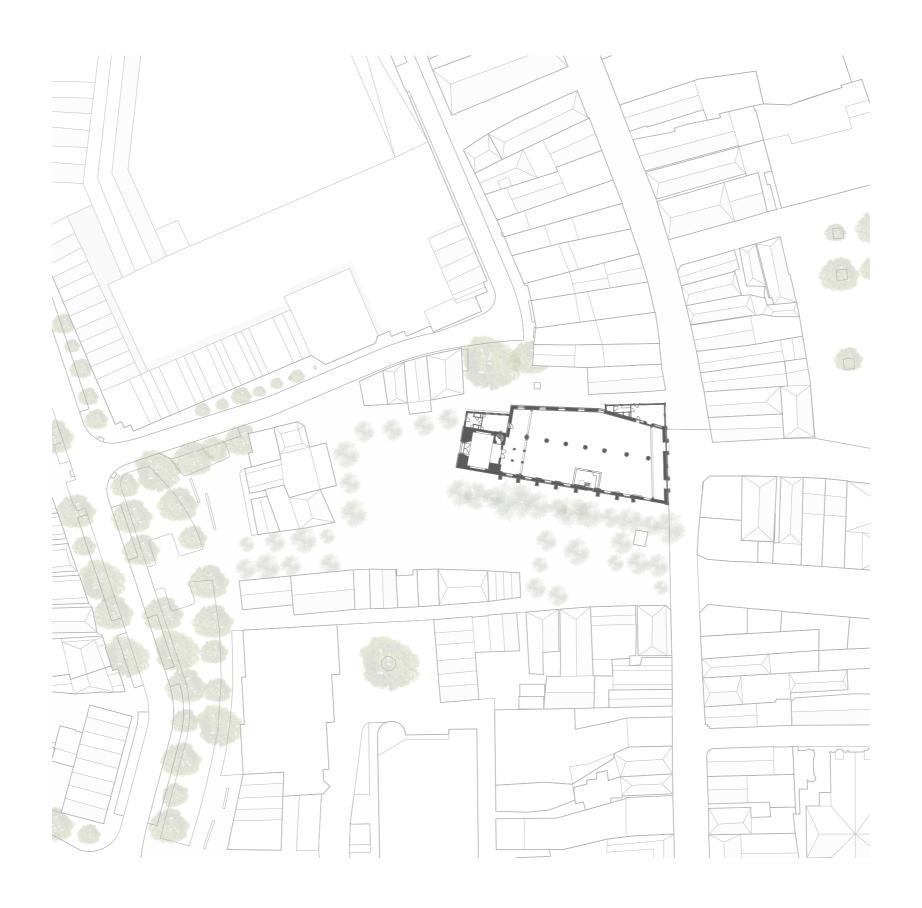
To accommodate priest and the local trade a vicar's room and a trade house were built as small outbuildings



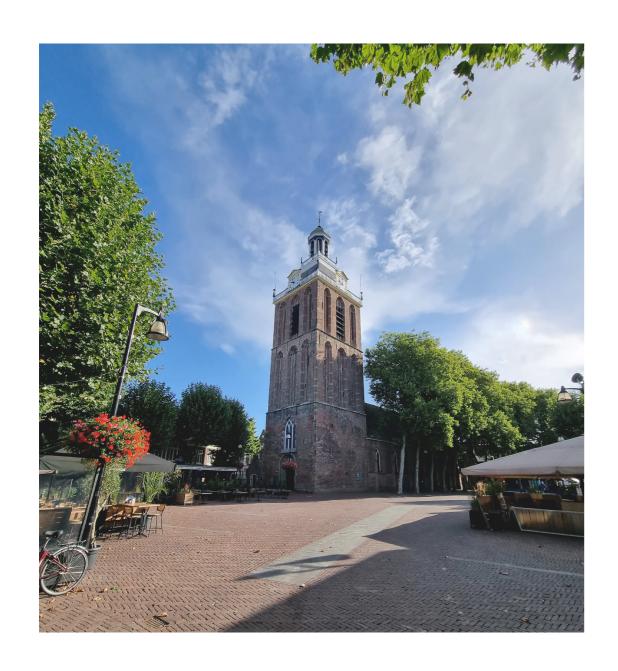
1955

Finally, the church square gained more ground as the canals originally used for the supply of local goods were dryed out

Grote- of Mariakerk and the Kerkplein

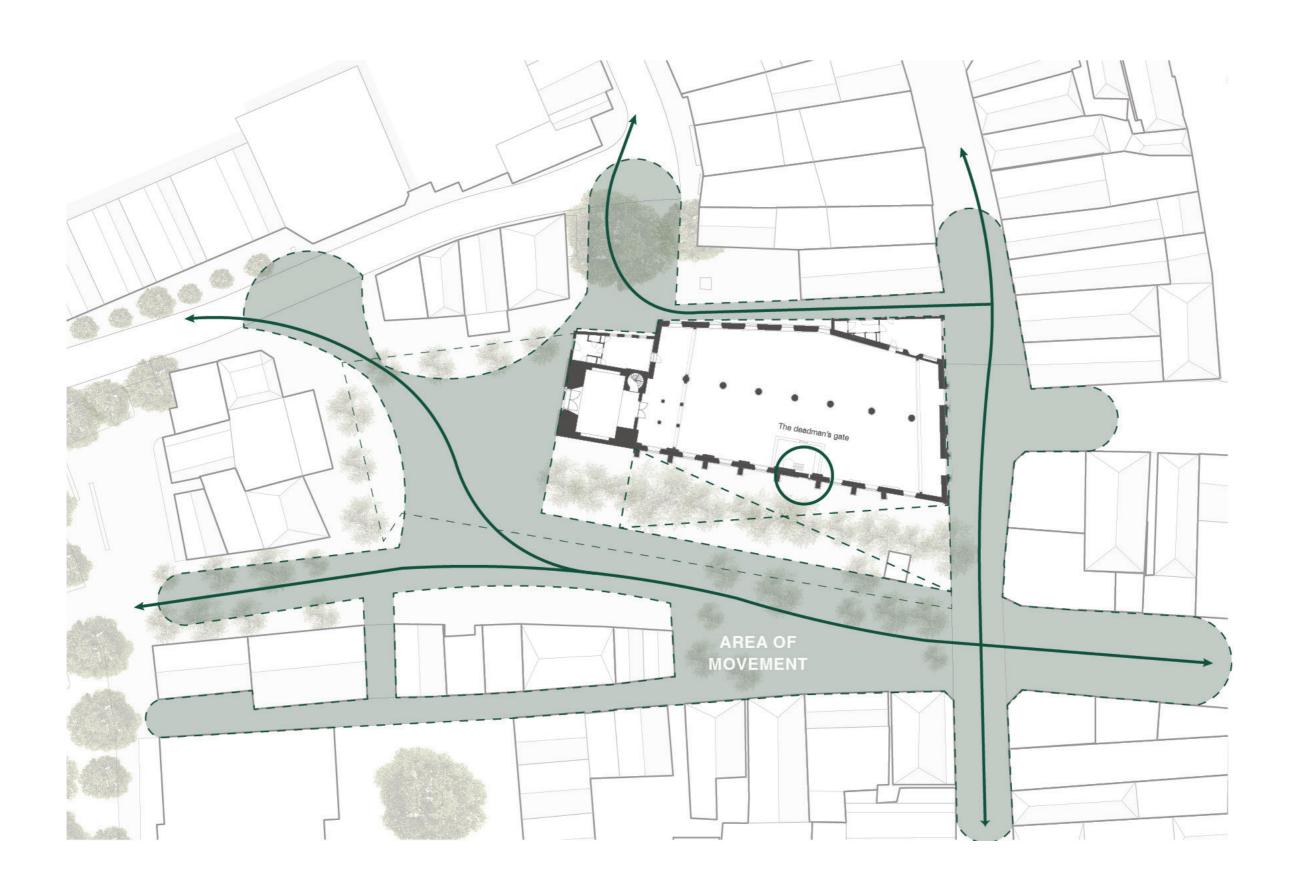


The church and the church square

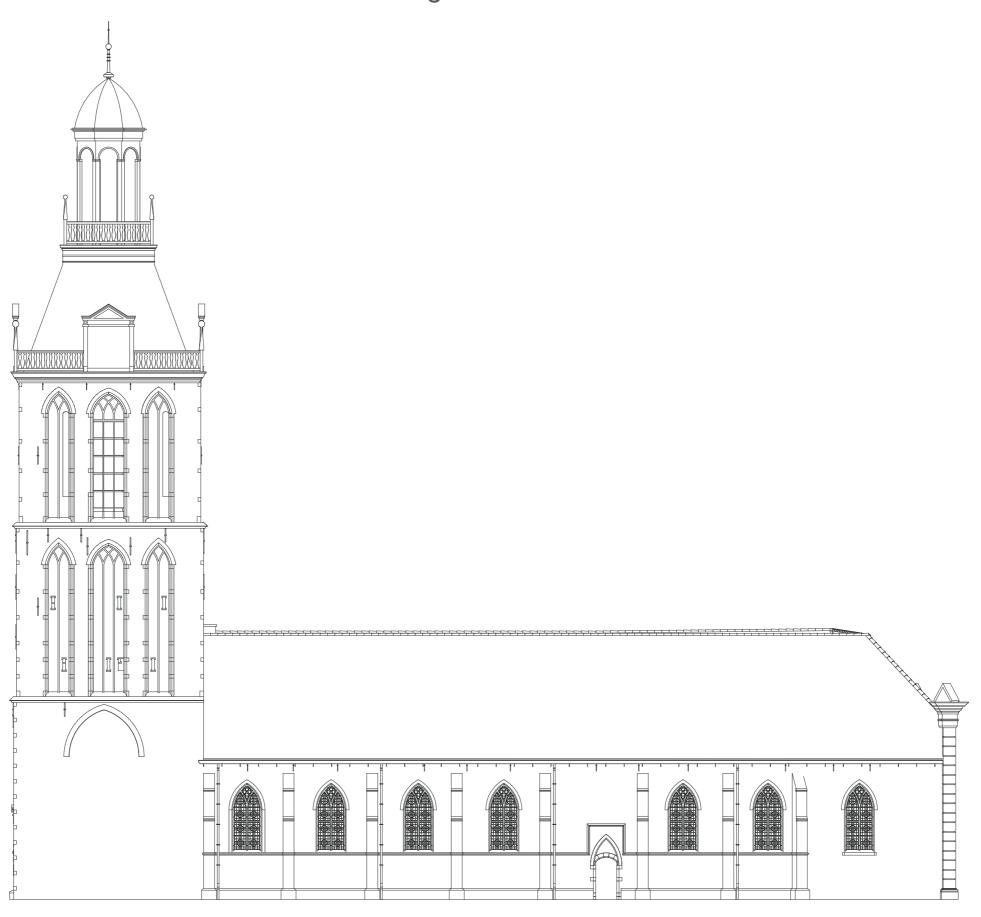




Functional connection between church and church square is lost



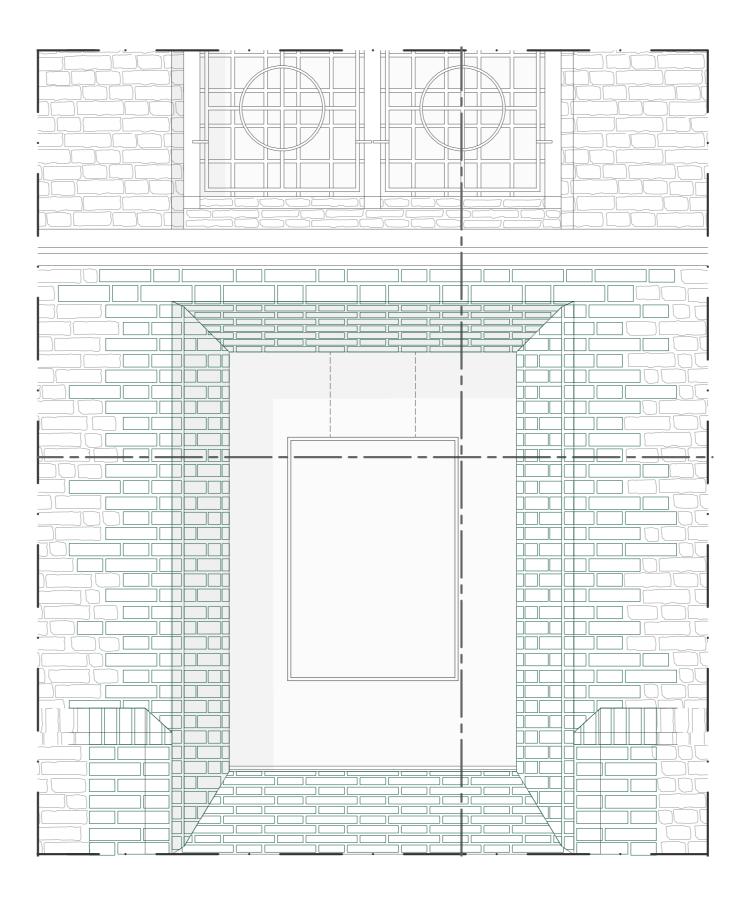
Existing south facade



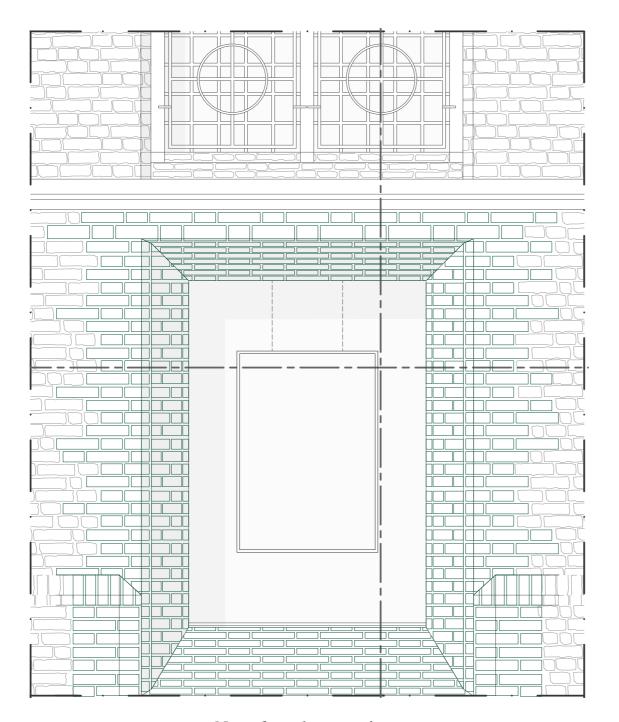
New south facade



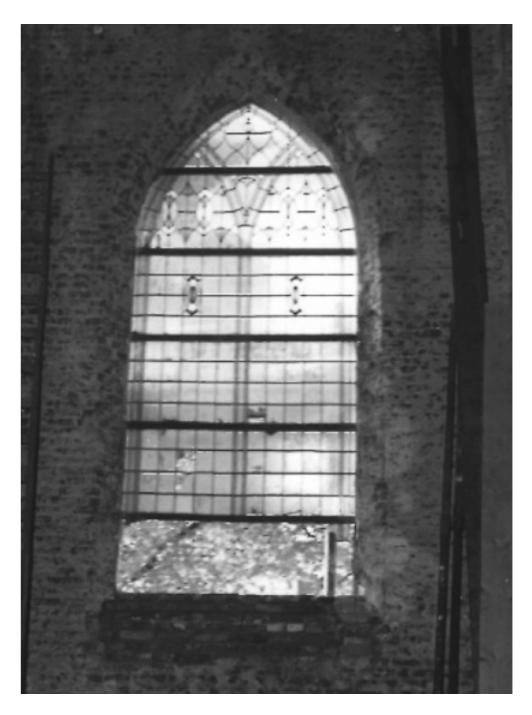
Ground floor facade openings



New openings referencing the old



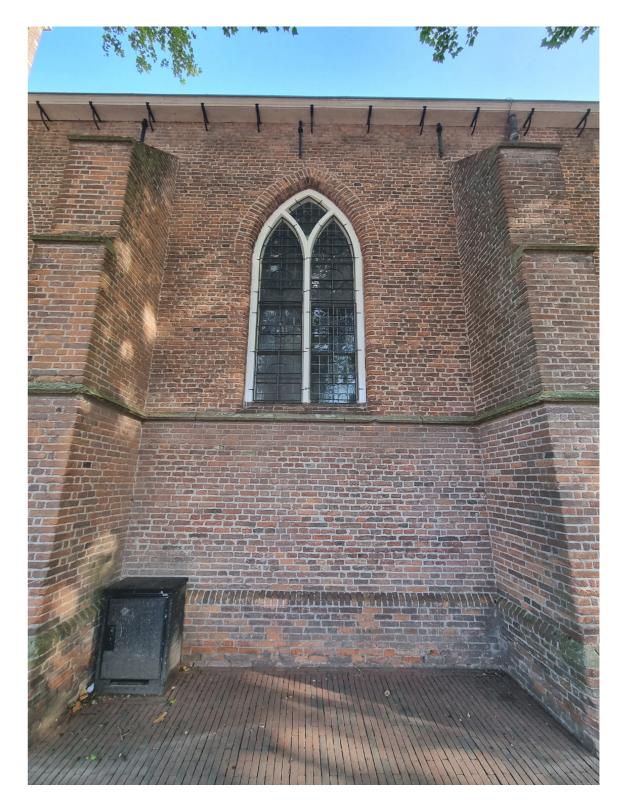
New facade openings



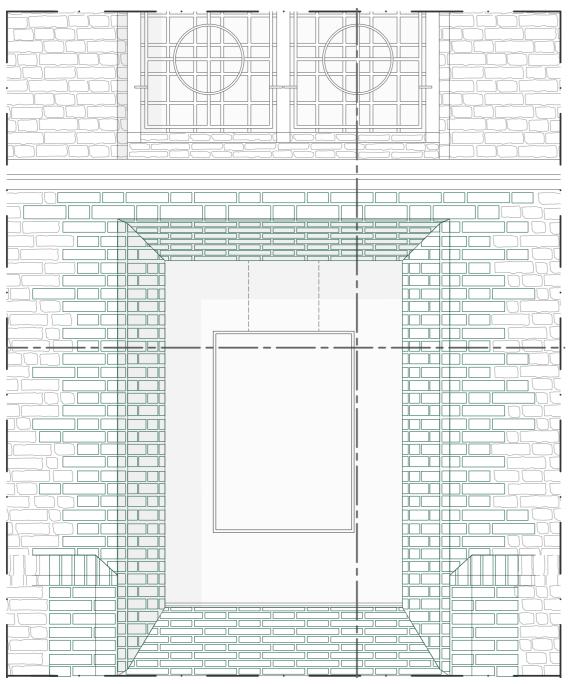
Original window openings before 1962 renovation

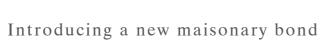
Marks of time

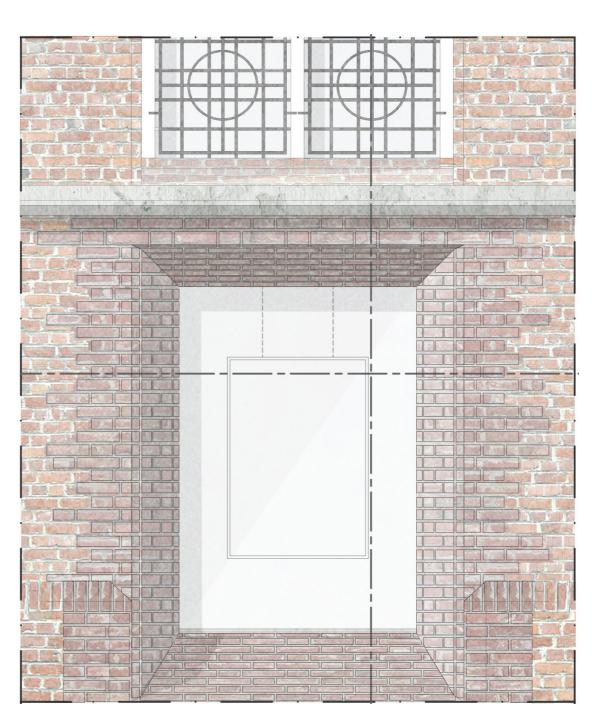




New openings adding to the marks of time

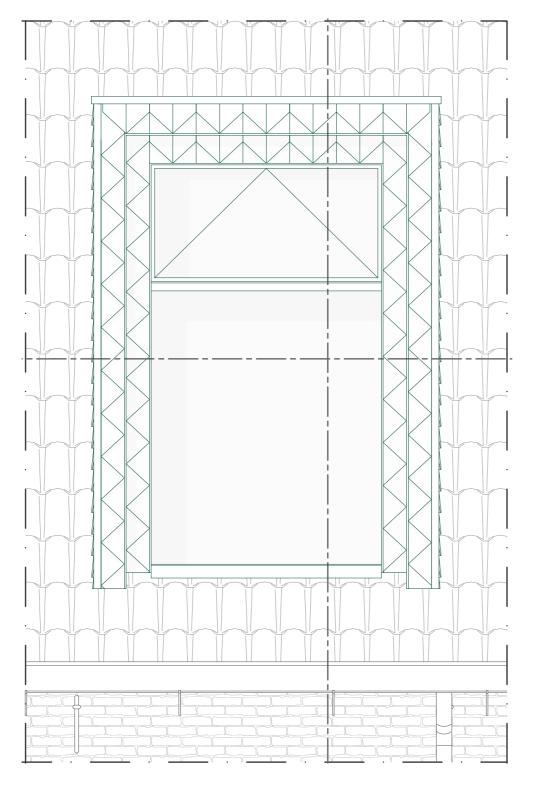






Introducing a new stone

New openings adding to the marks of time

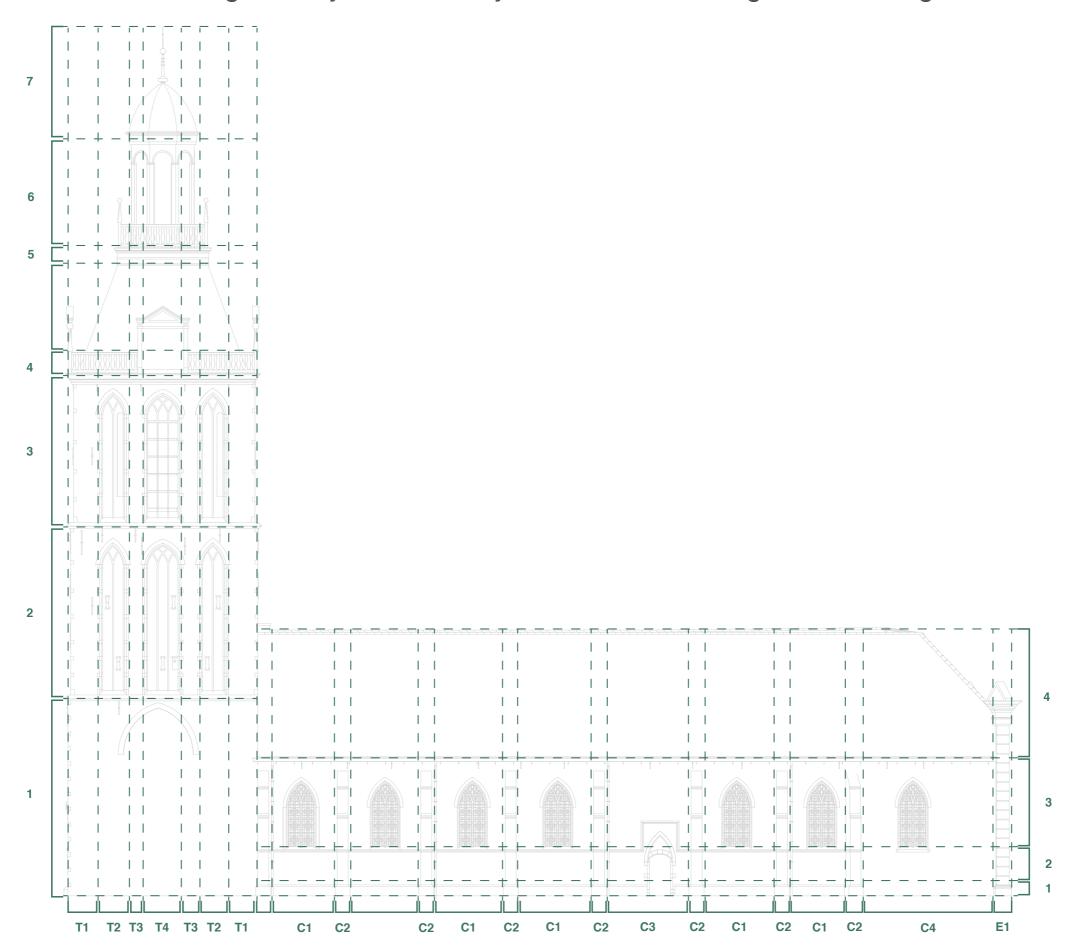


Introducing a new roof covering



Introducing a texture

Adding new rythm and style while honouring the existing



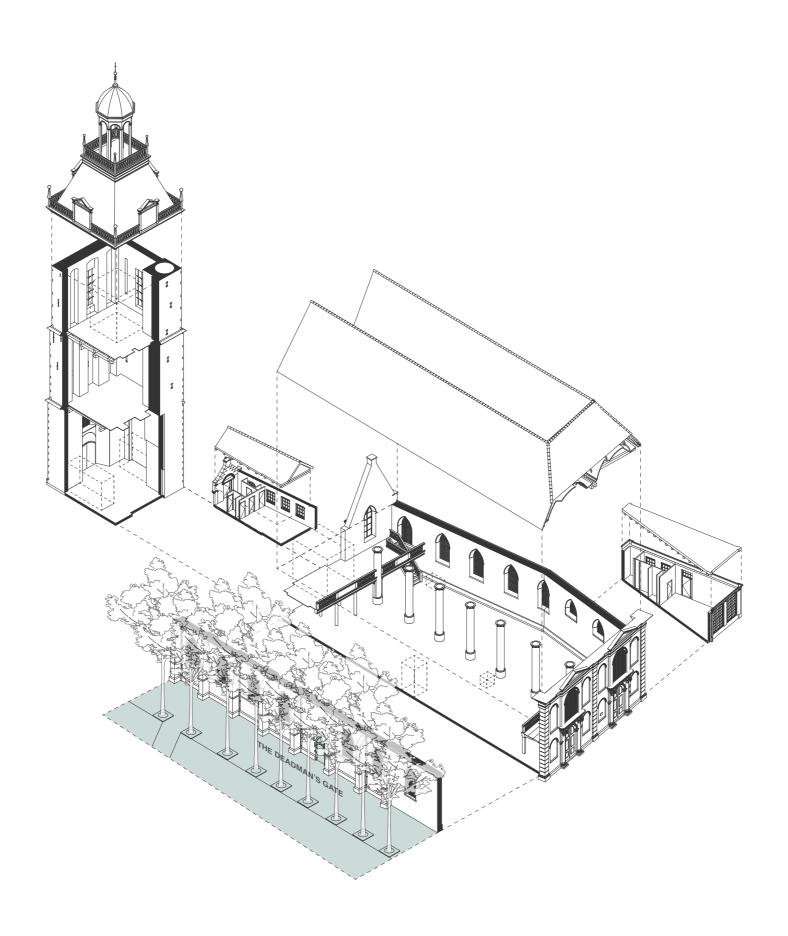
Adding new rythm and style while honouring the existing



Reshaping the connection between the church and churchsquare



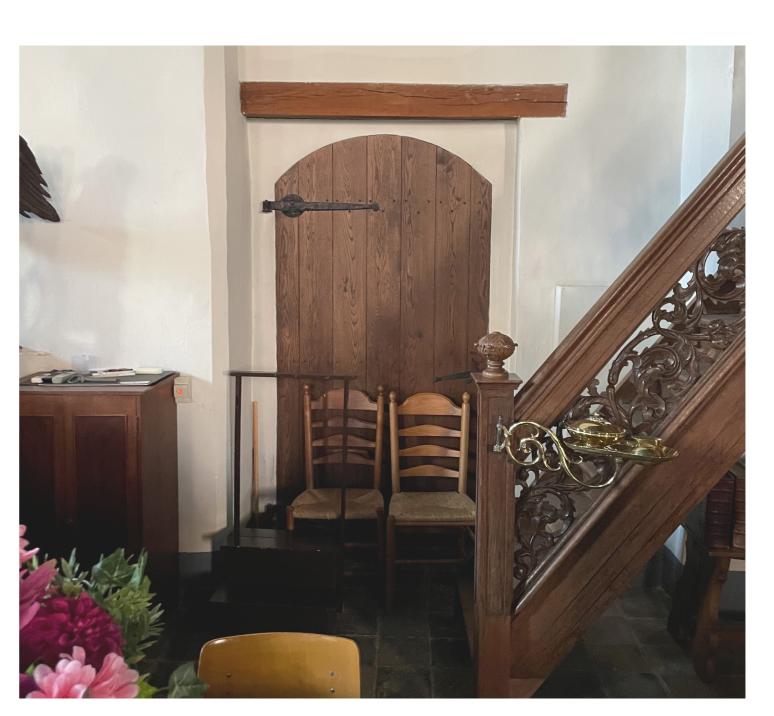
The deadman's gate



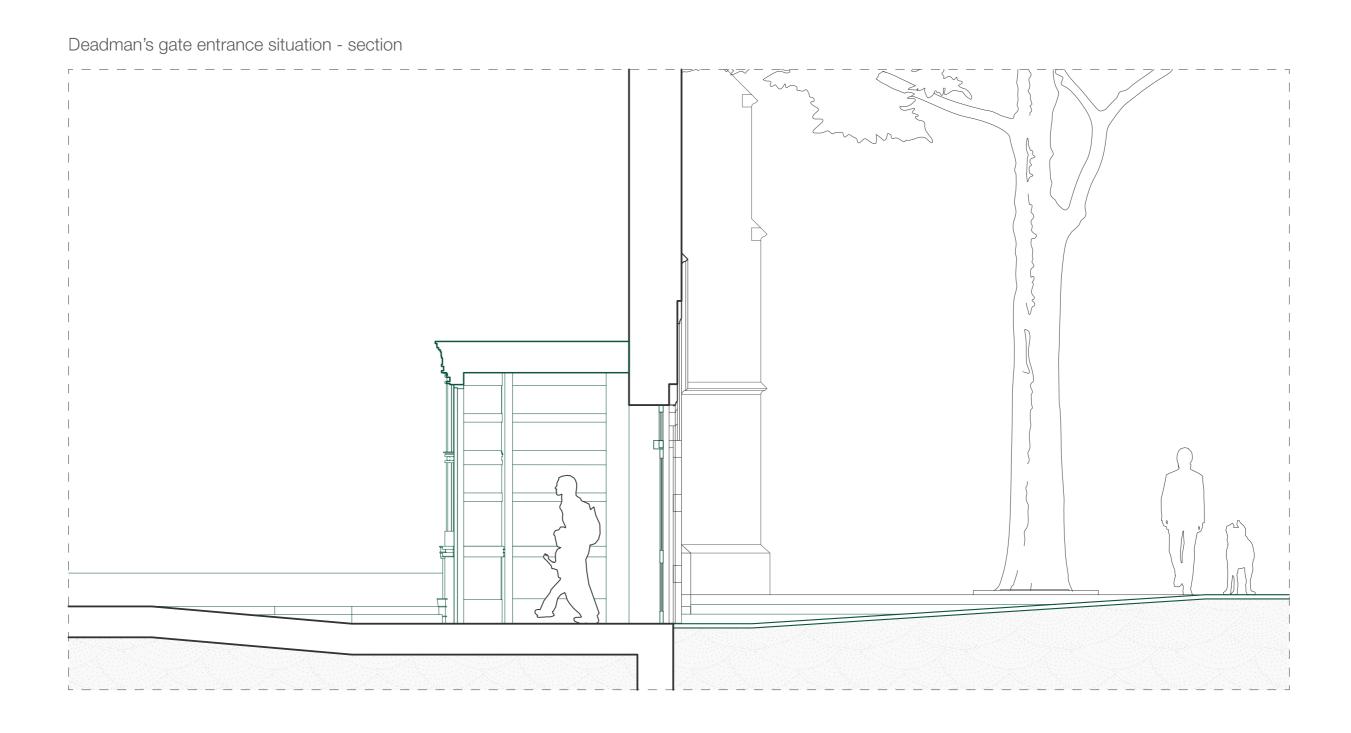
The deadman's gate



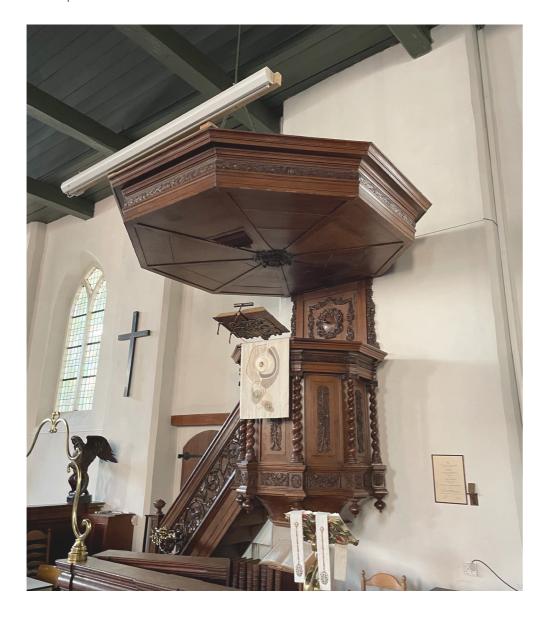




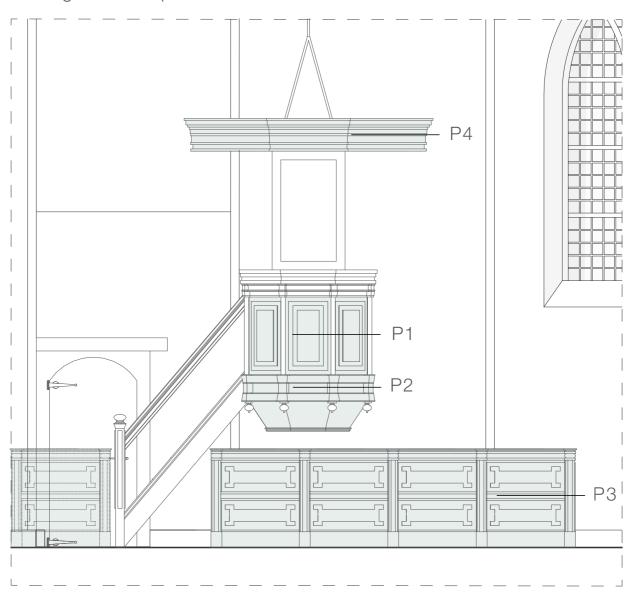
Current inside view

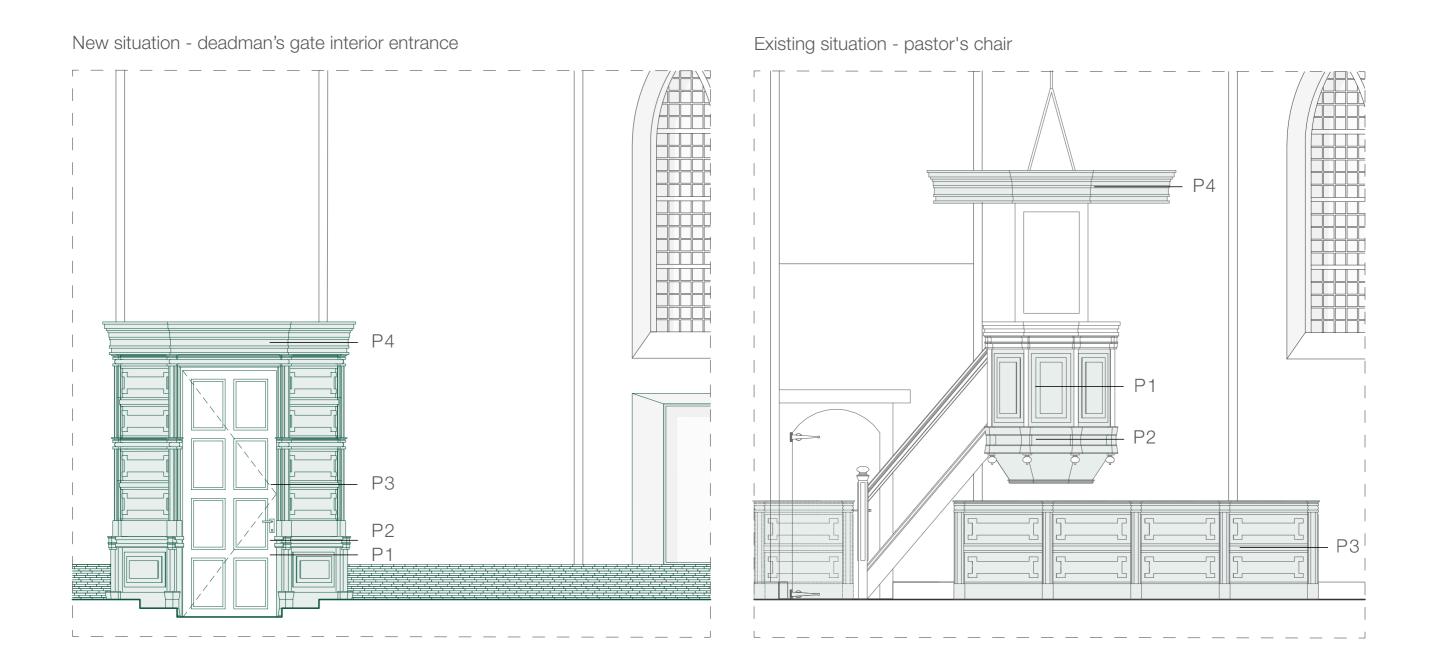


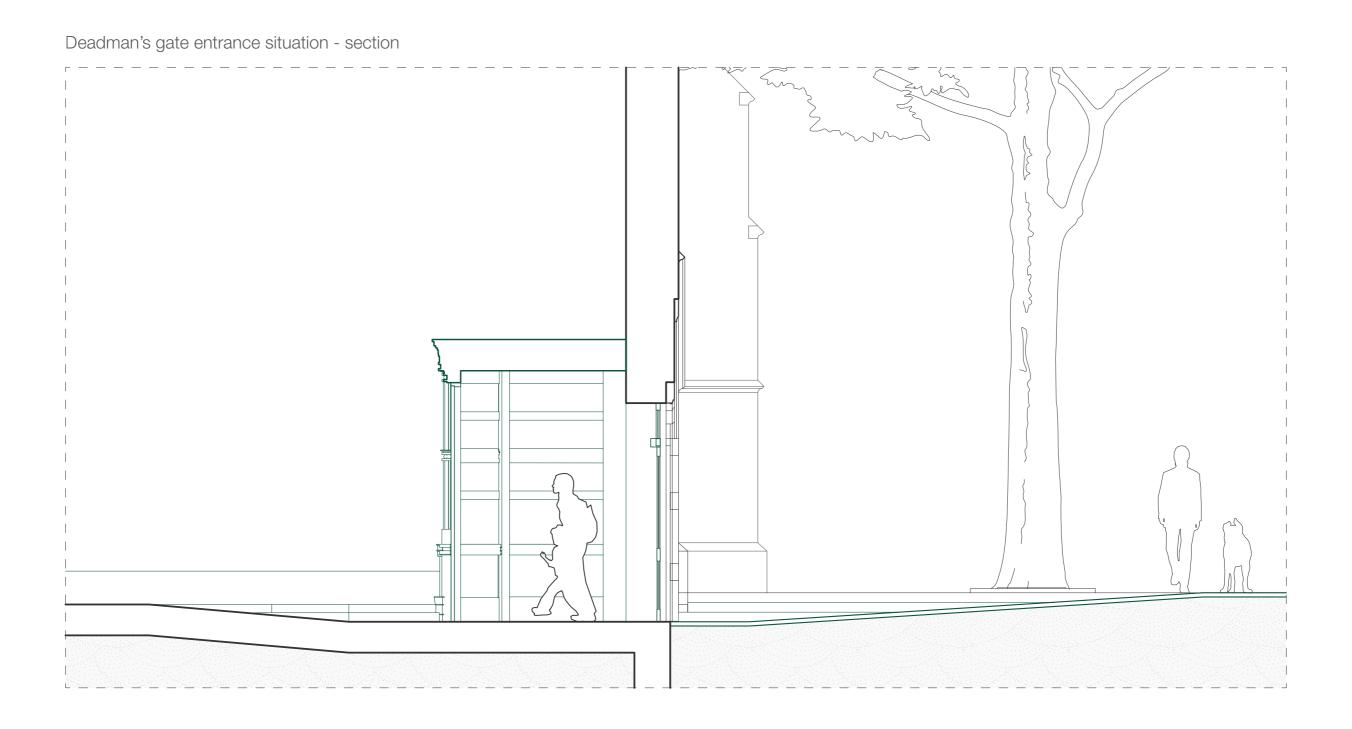
The preachers chair



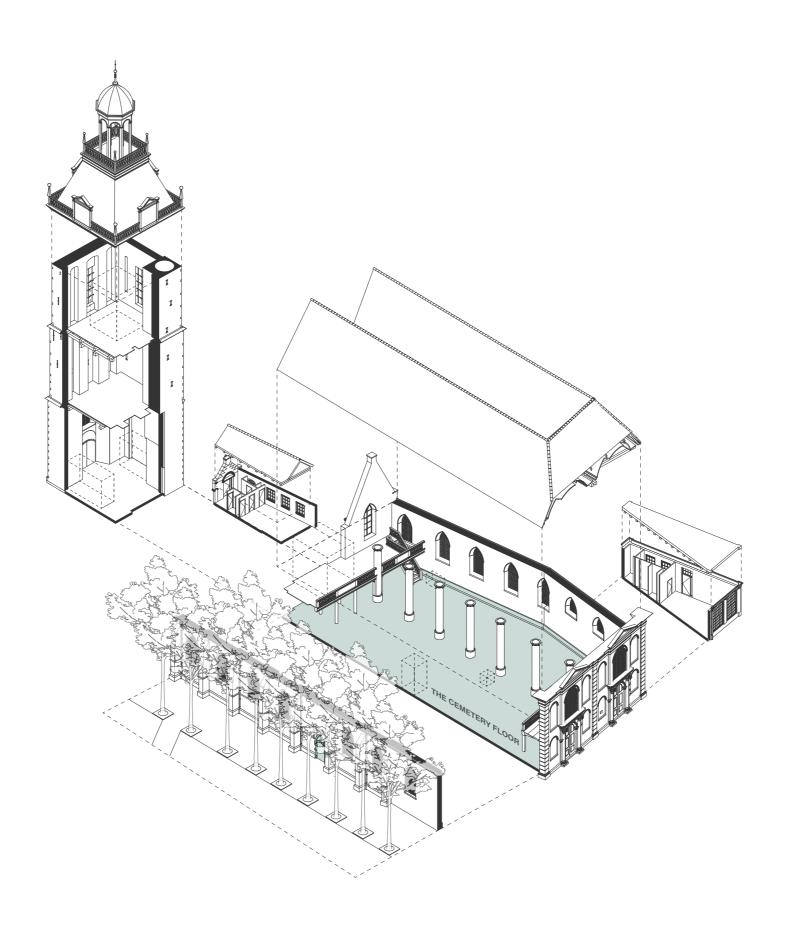
Existing situation - pastor's chair







The cemetary floor



Marks of the cemetary floor

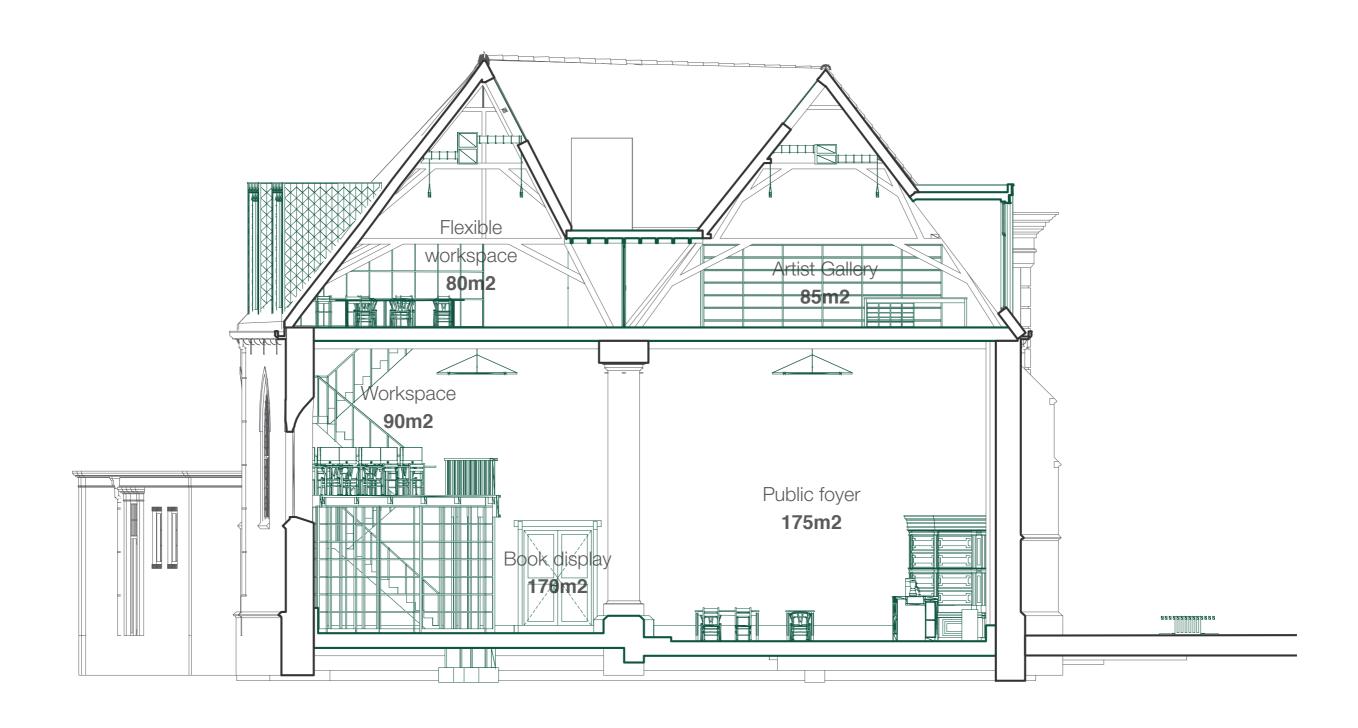


Gravestones still present within the church

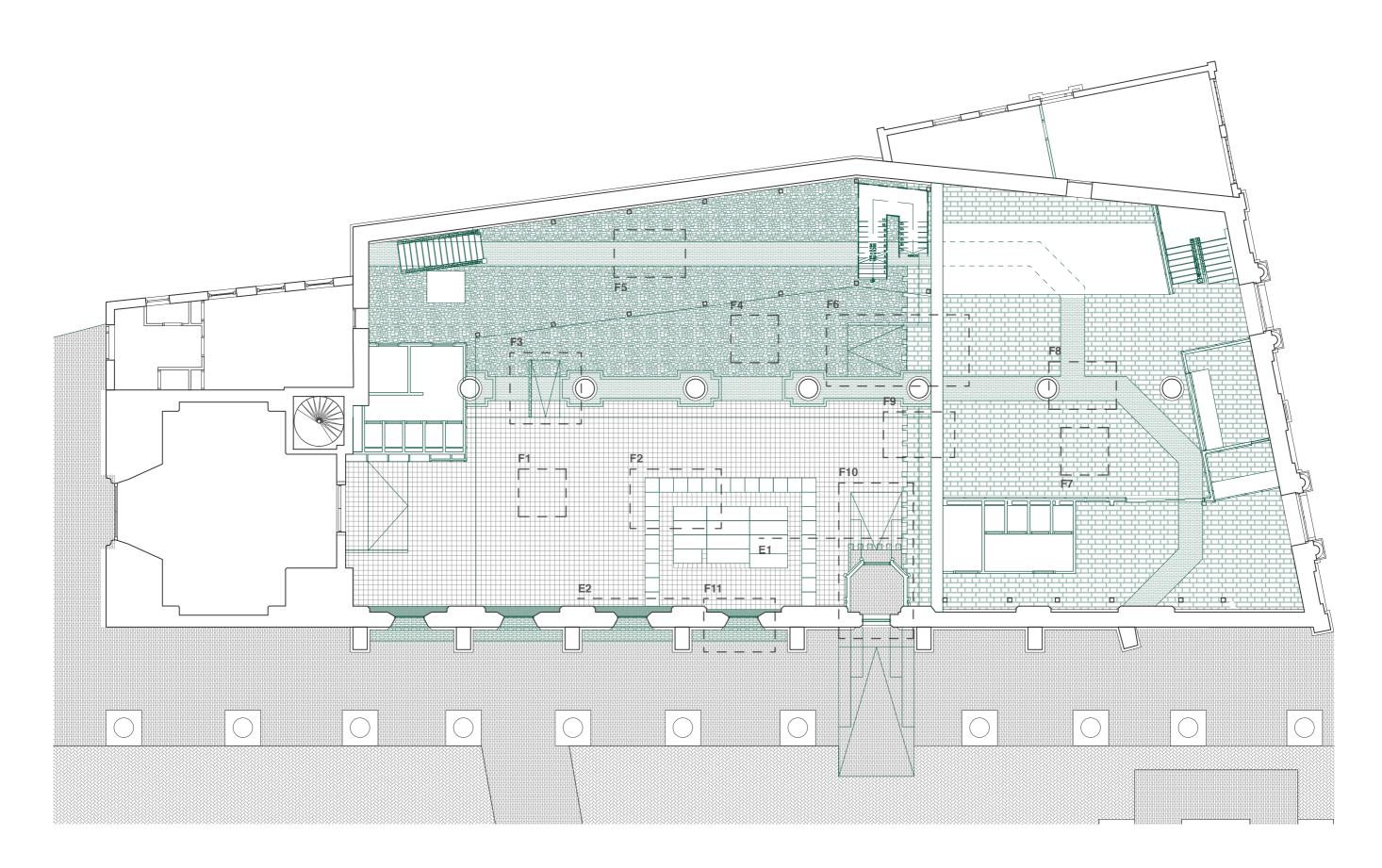


Lines marking the original height of the floor

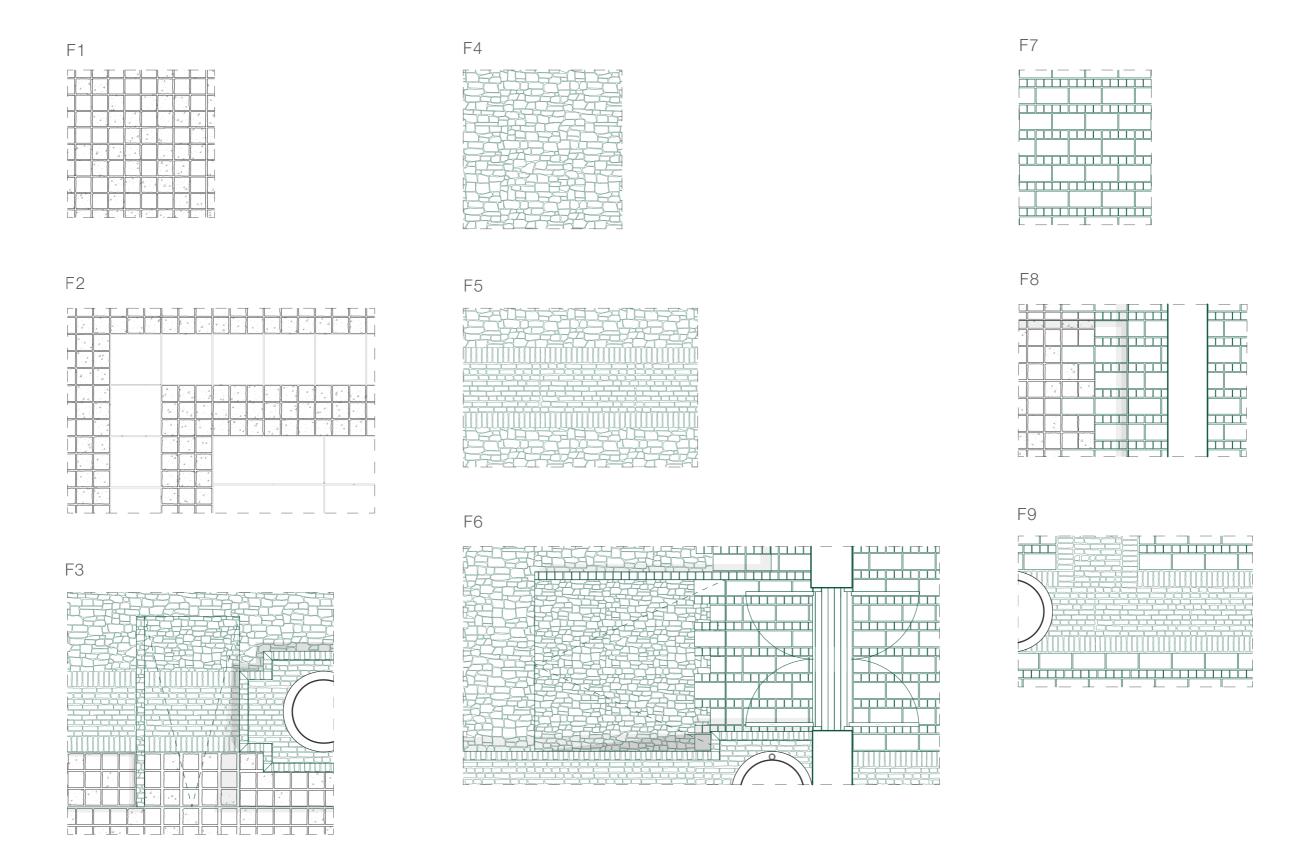
Referencing the height differences in the floor



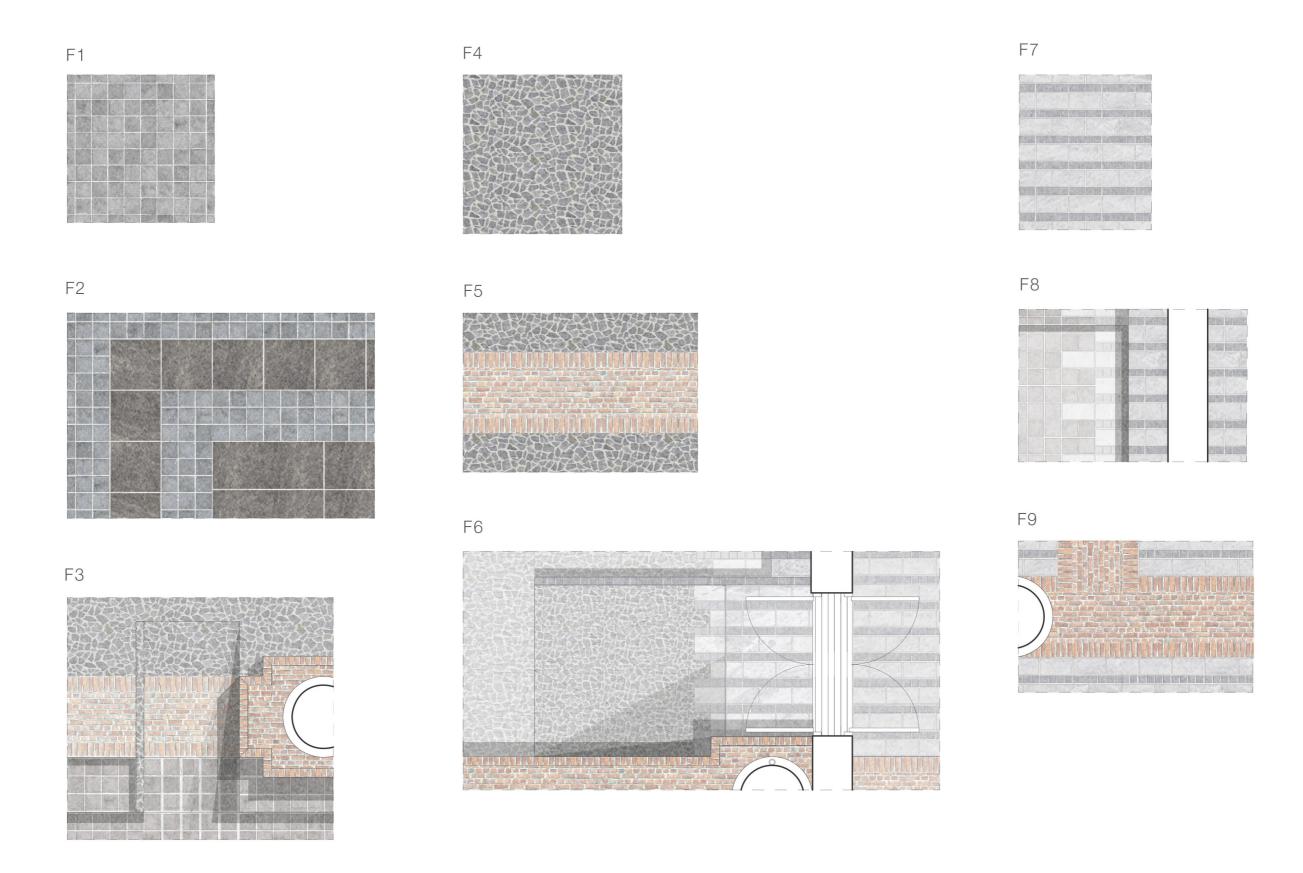
Referencing the cemetary history and layering of time



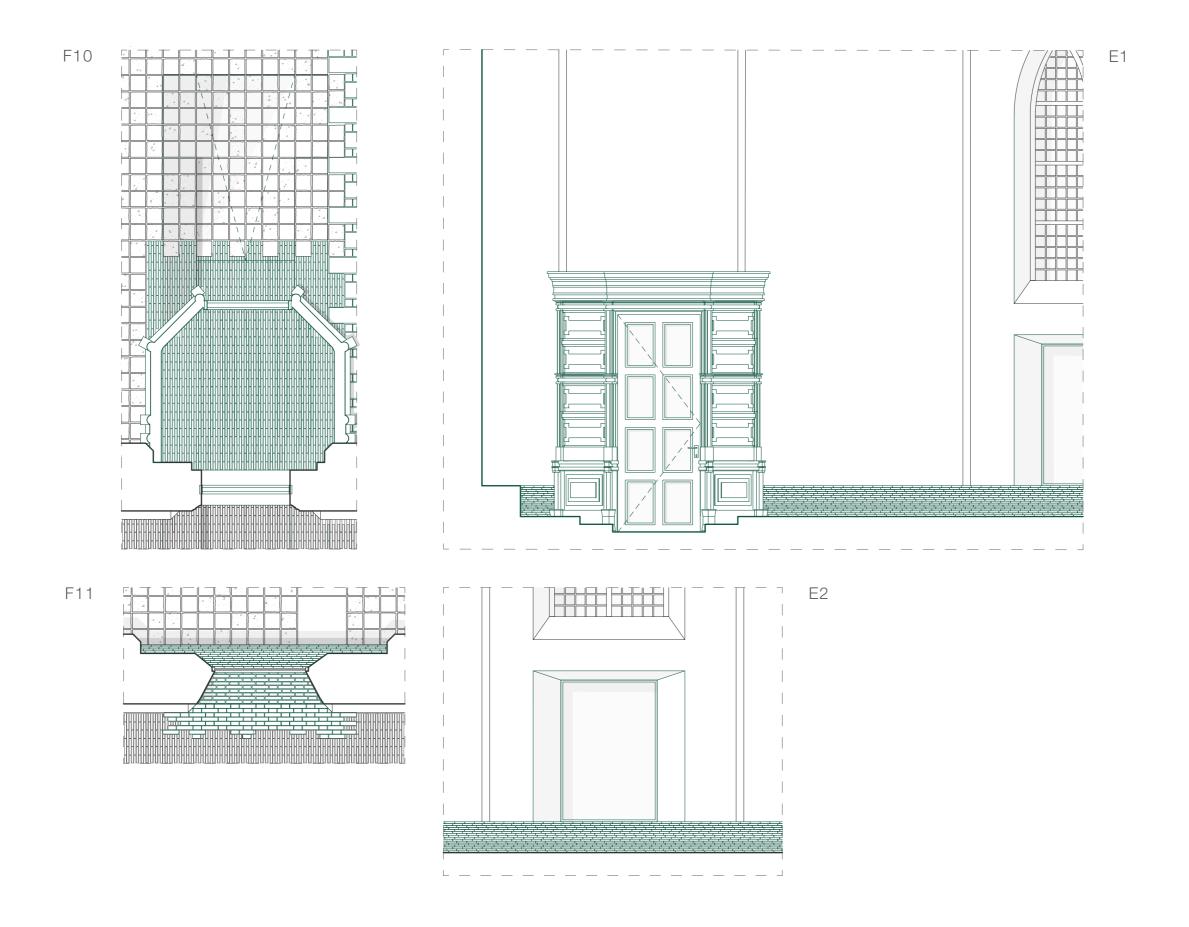
Referencing the cemetary history and layering of time



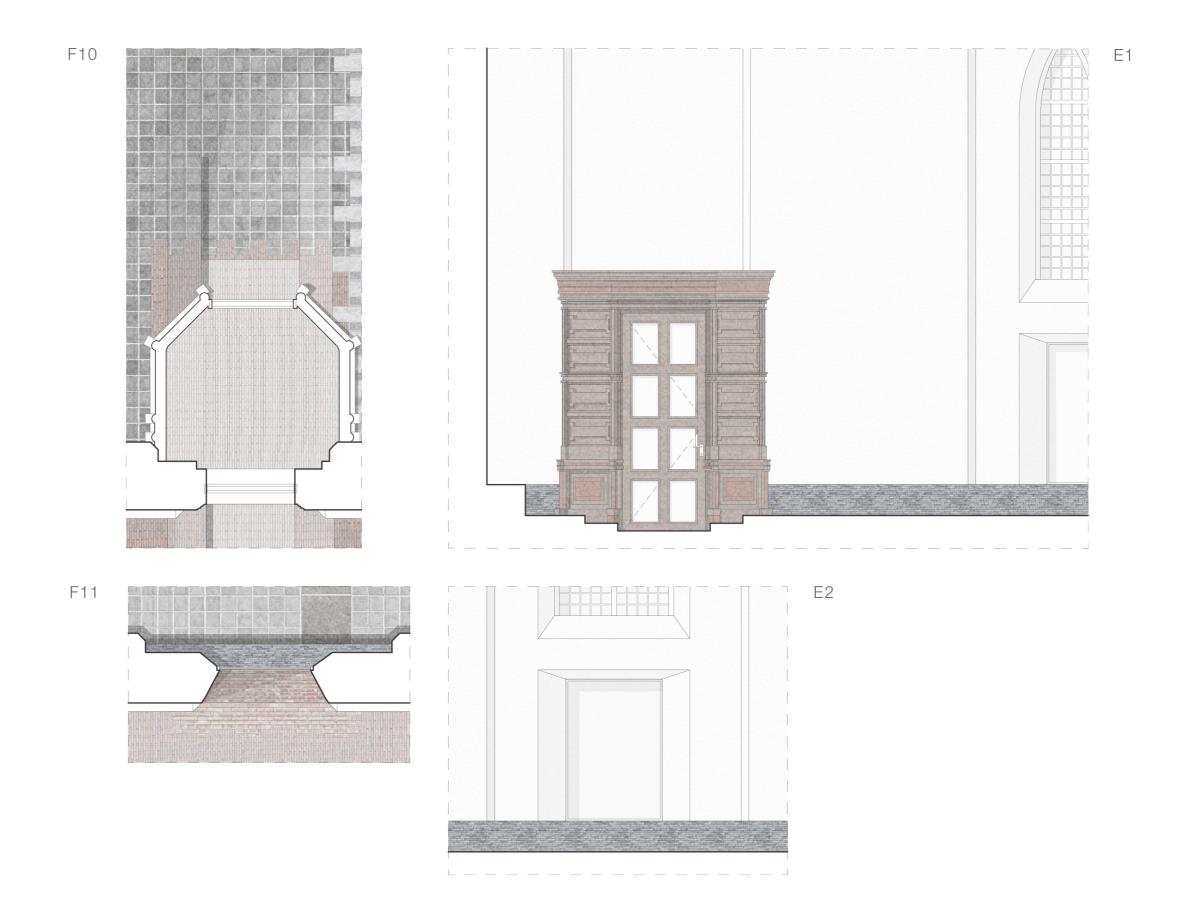
Creating a texture landscape that shows the marks of time



Referencing the cemetary history and layering of time



Creating a texture landscape that shows the marks of time

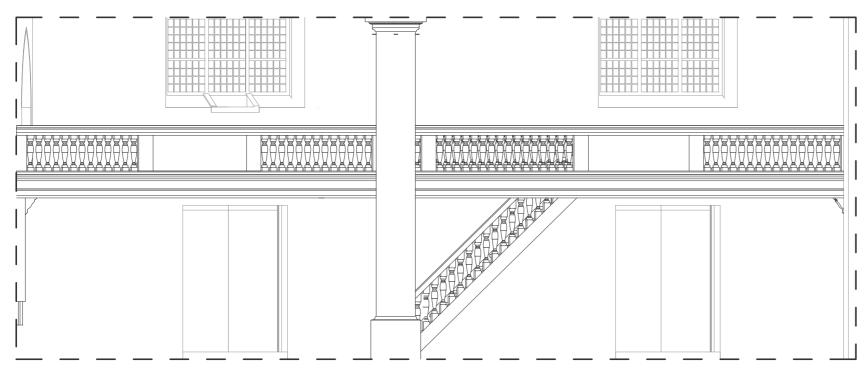


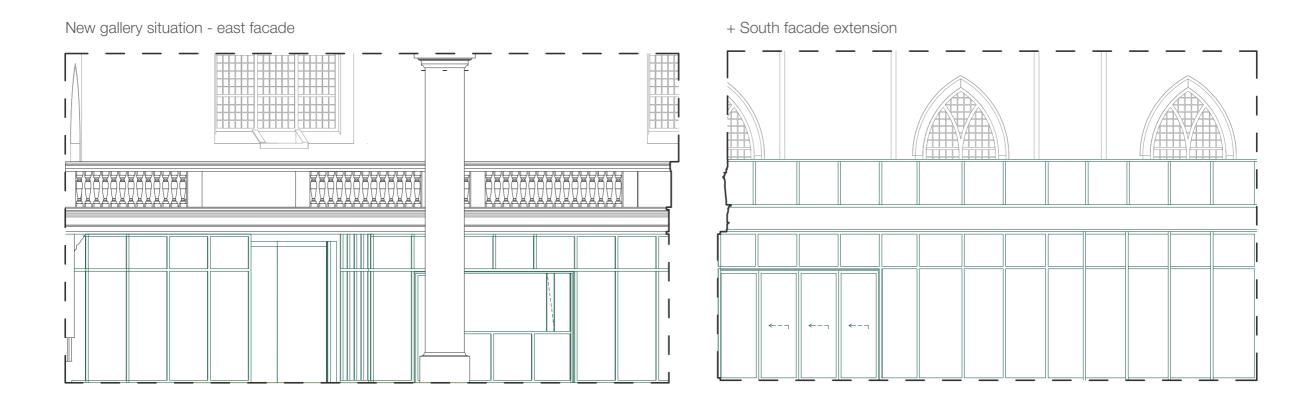
Creating a contemporary translation of the existing



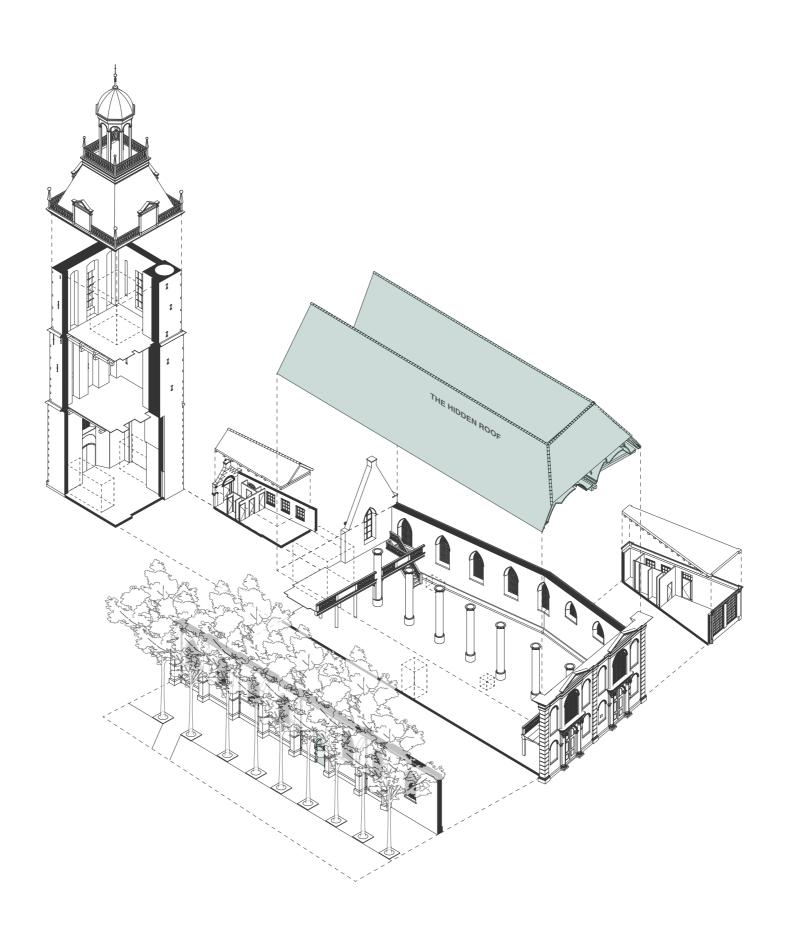
Creating a contemporary translation of the existing

Existing gallery situation - east facade



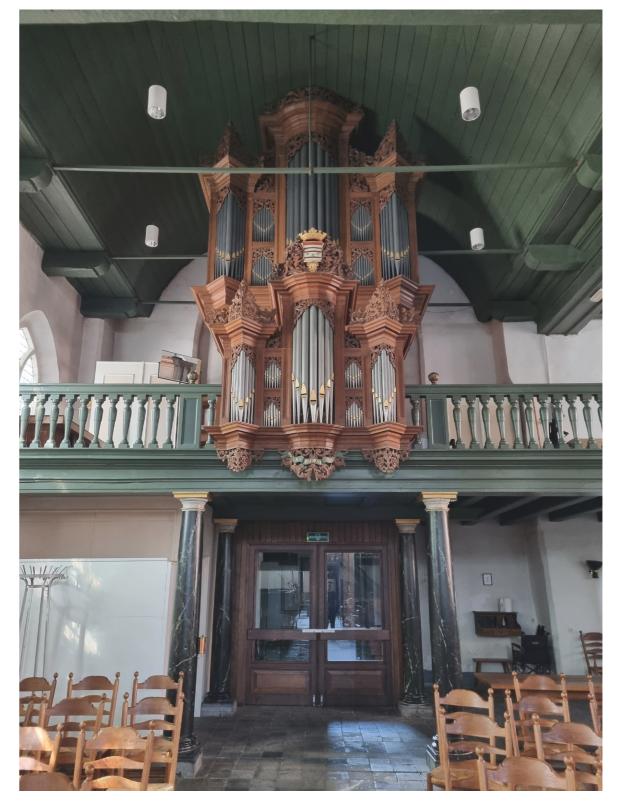


The hidden roof

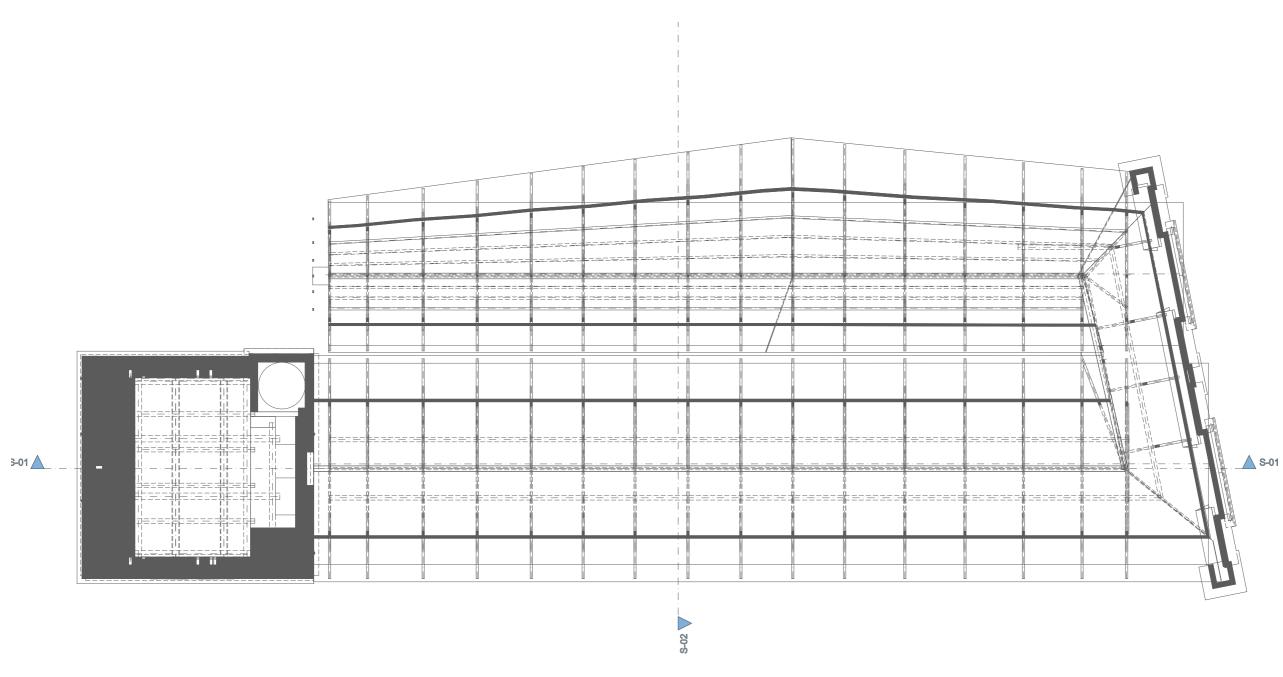


The roof hidden behind a curved ceiling



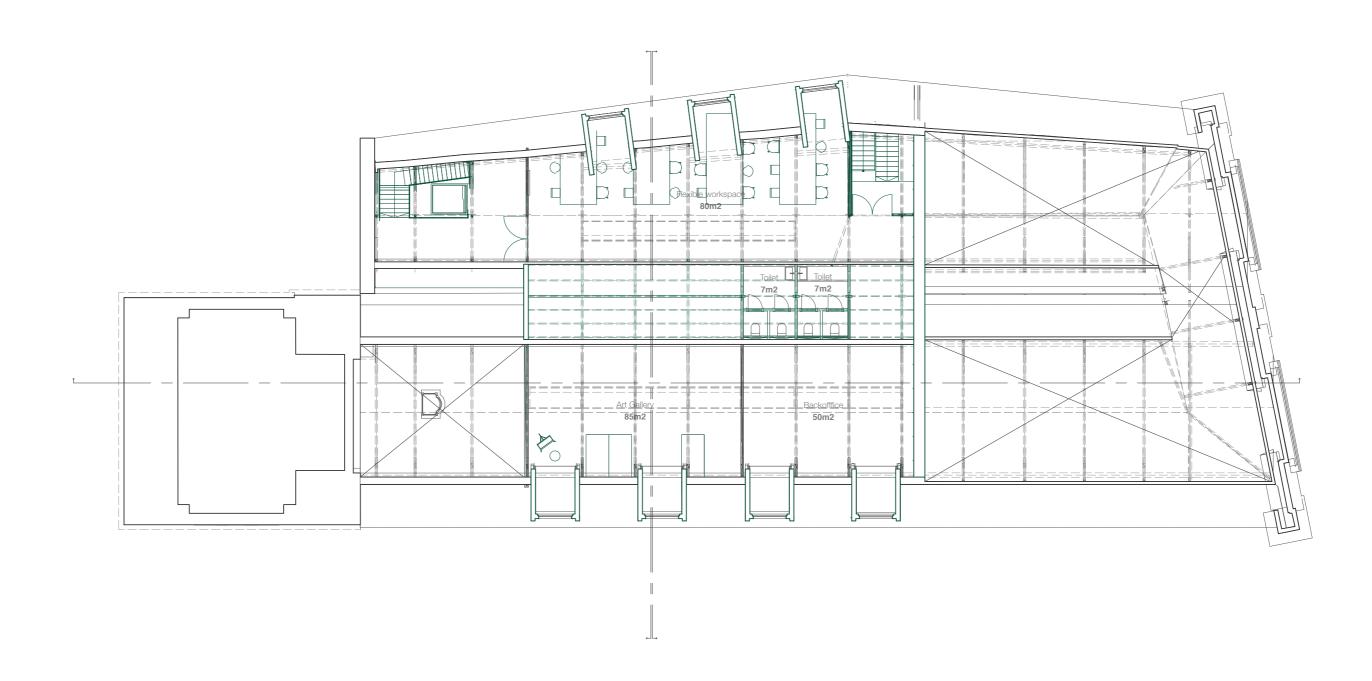


The existing roof level

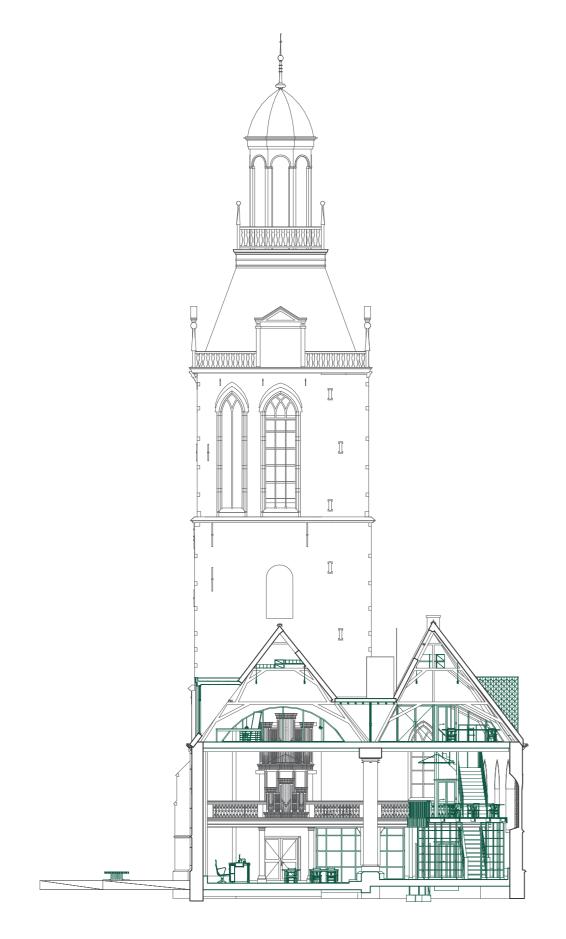


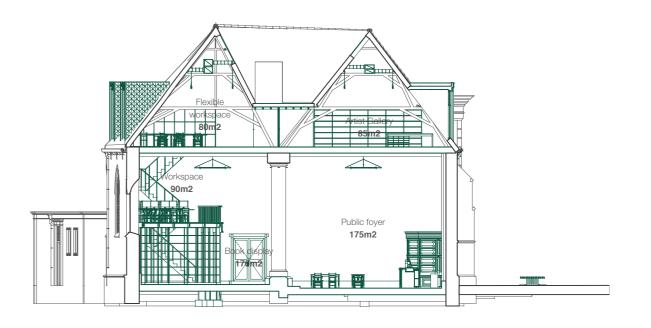
Church hall roof level

Introducing the roof as a functional part of the building

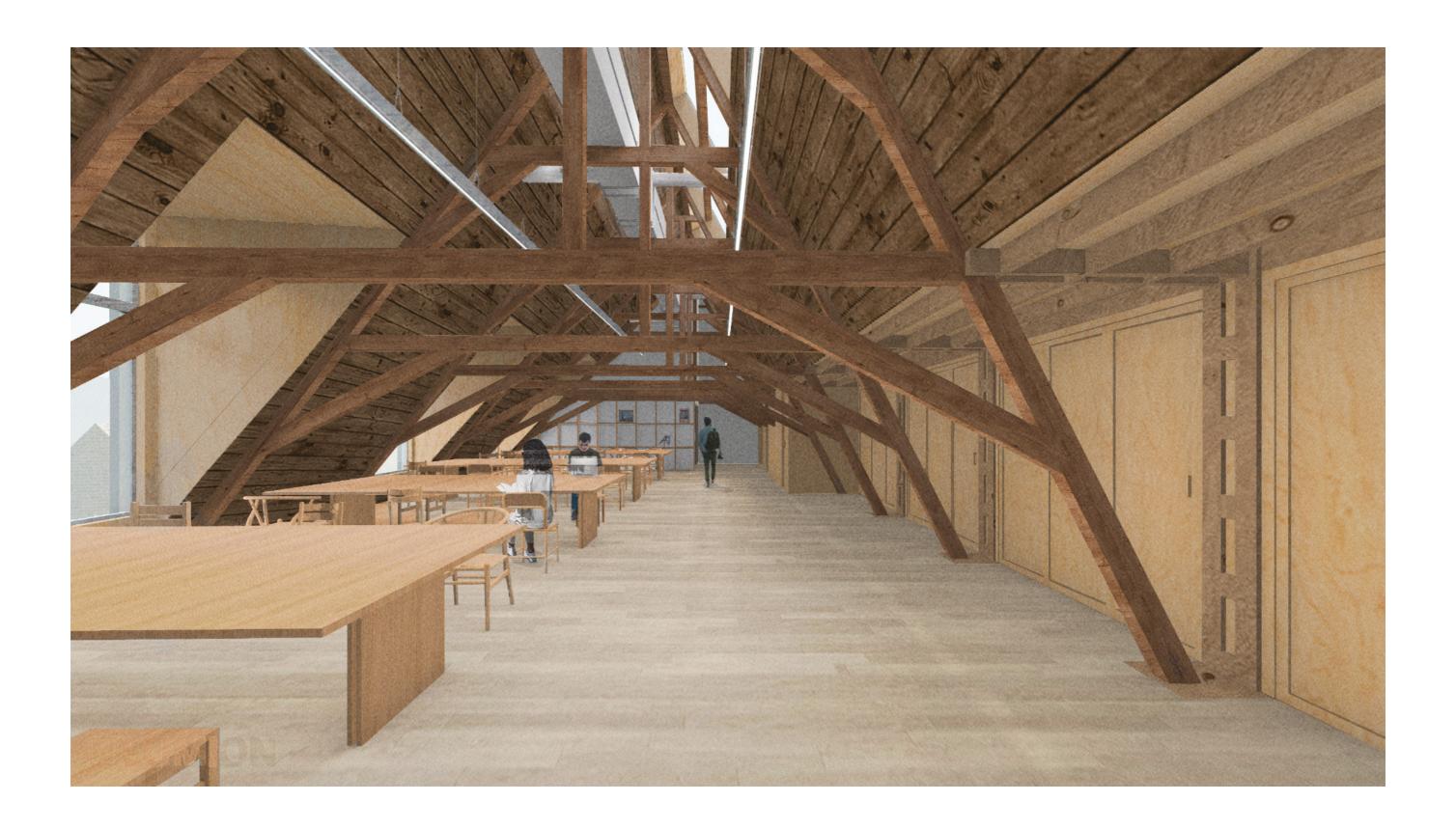


Longitudinal section

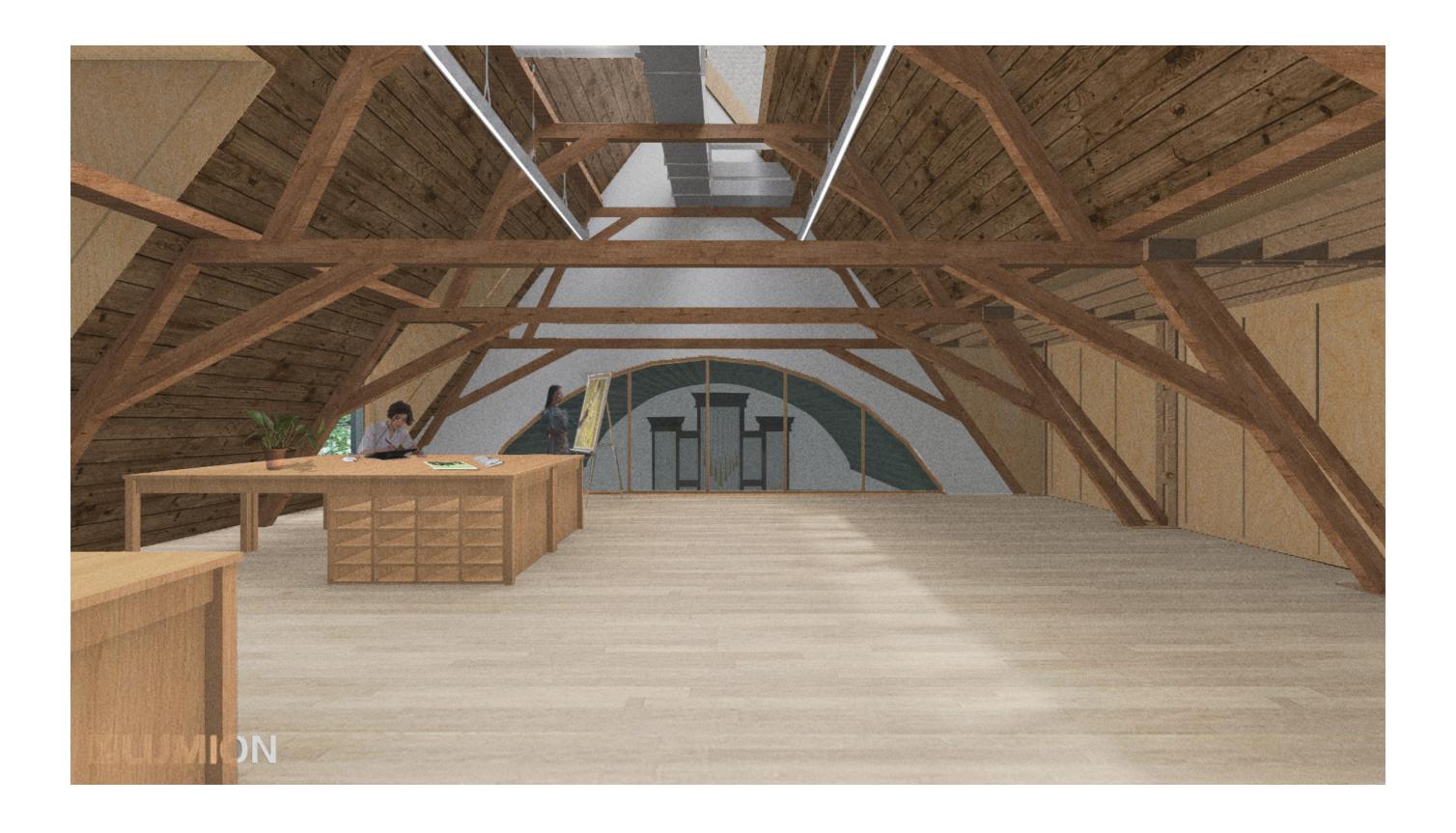




Introducing the roof as a functional part of the building

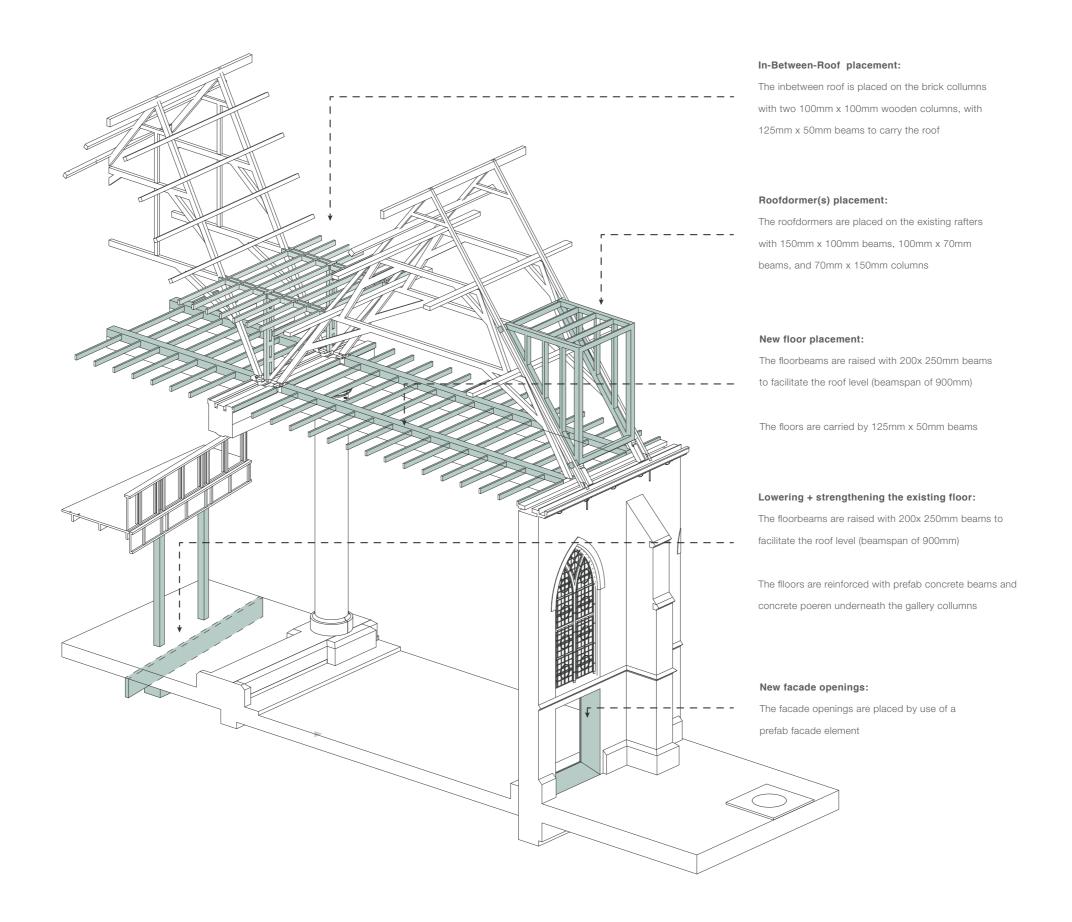


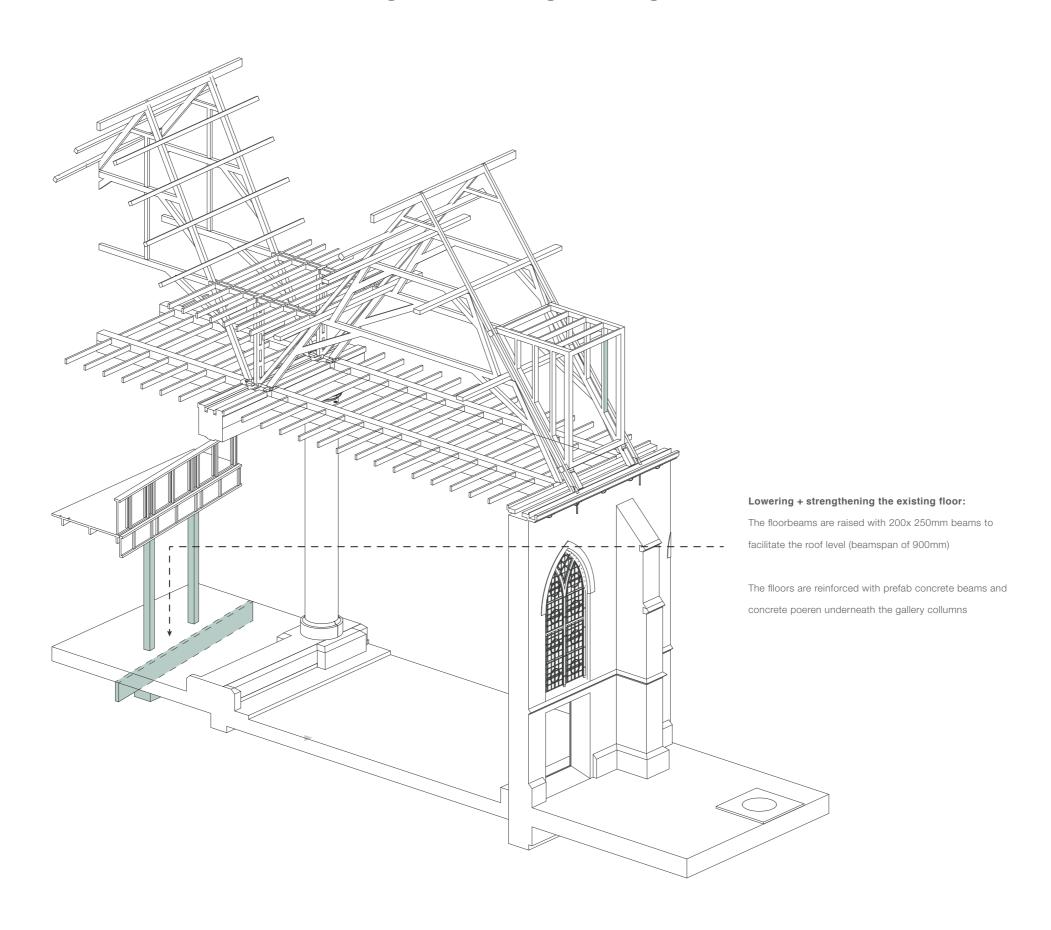
Introducing the roof as a functional part of the building

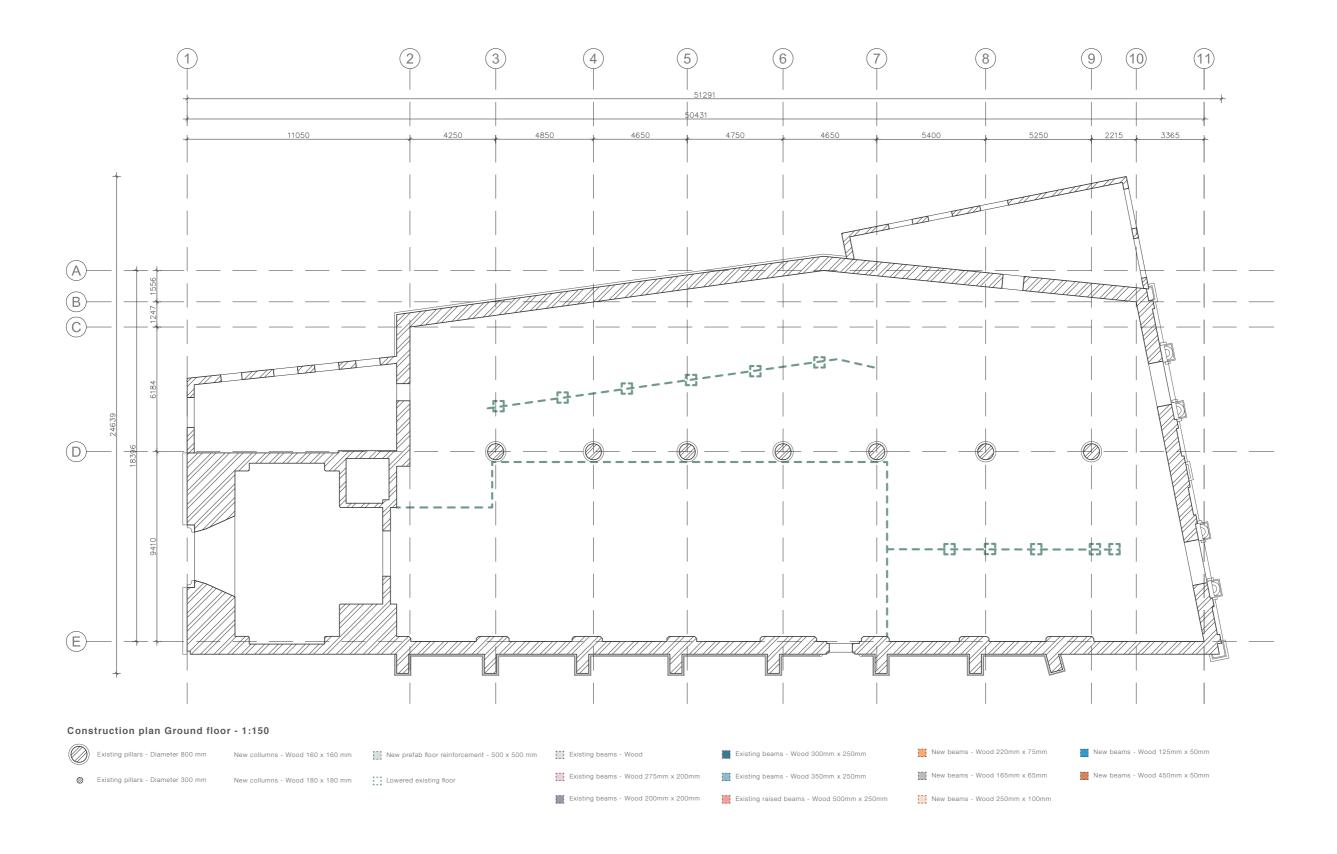


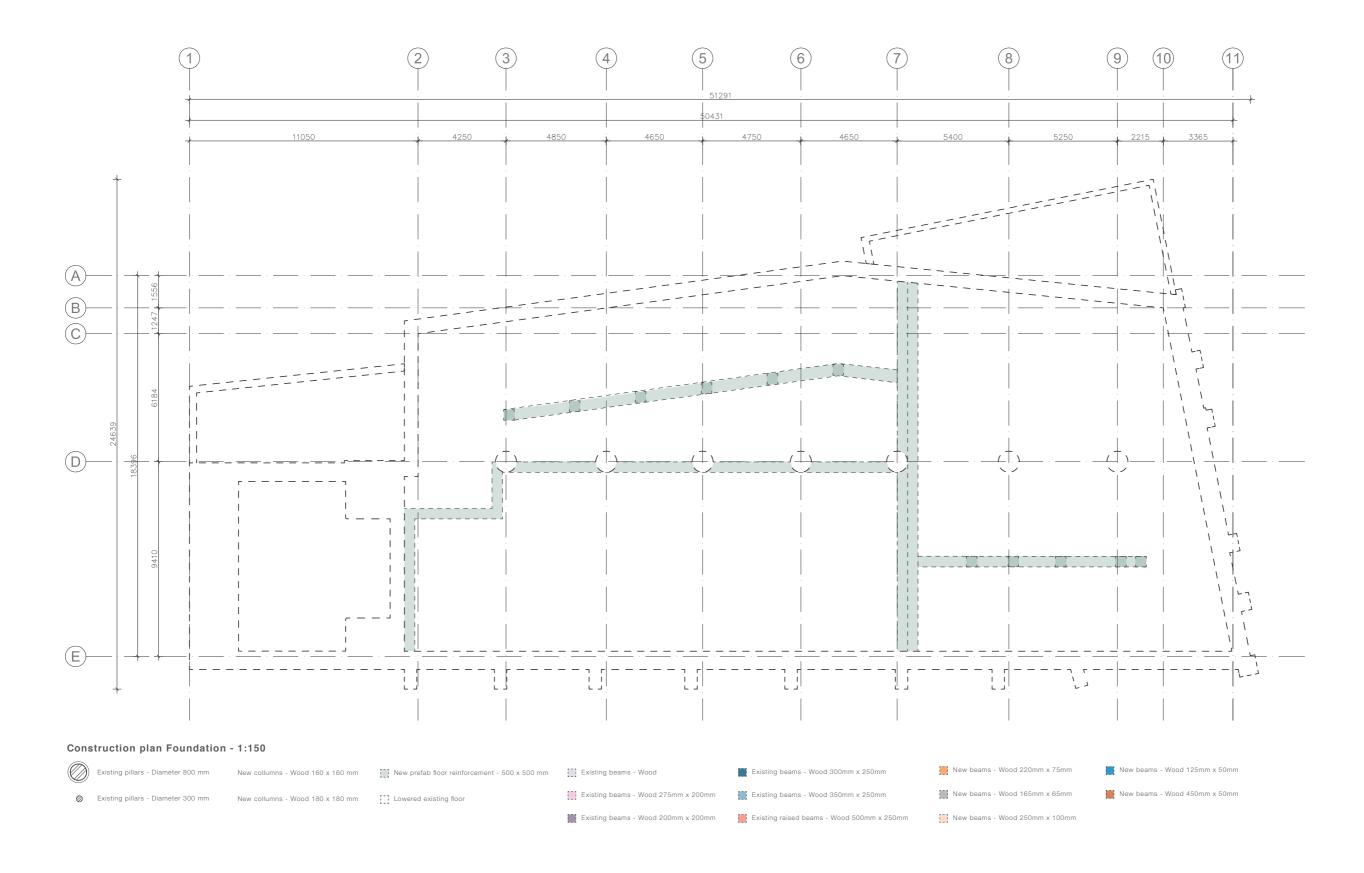
How is it all build?

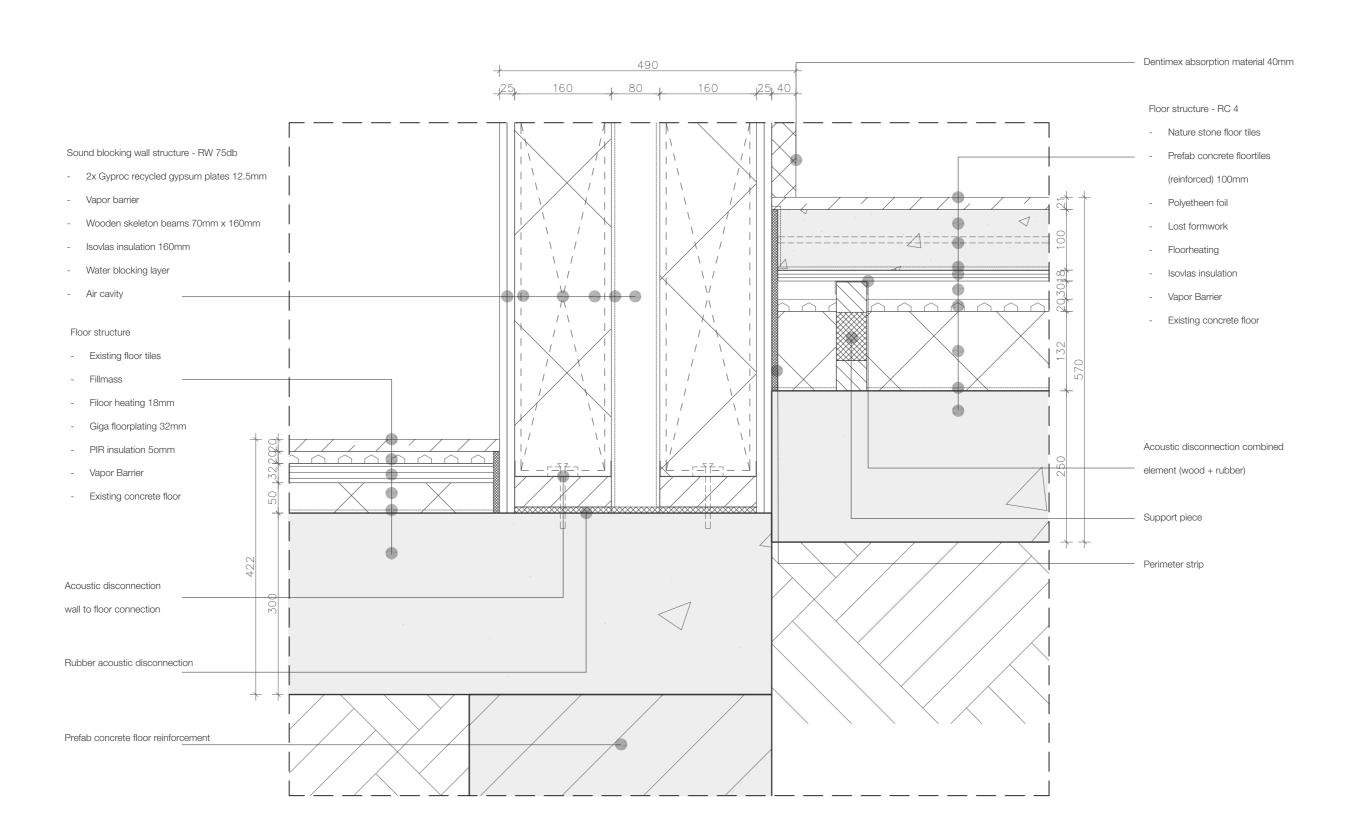
Main structural changes

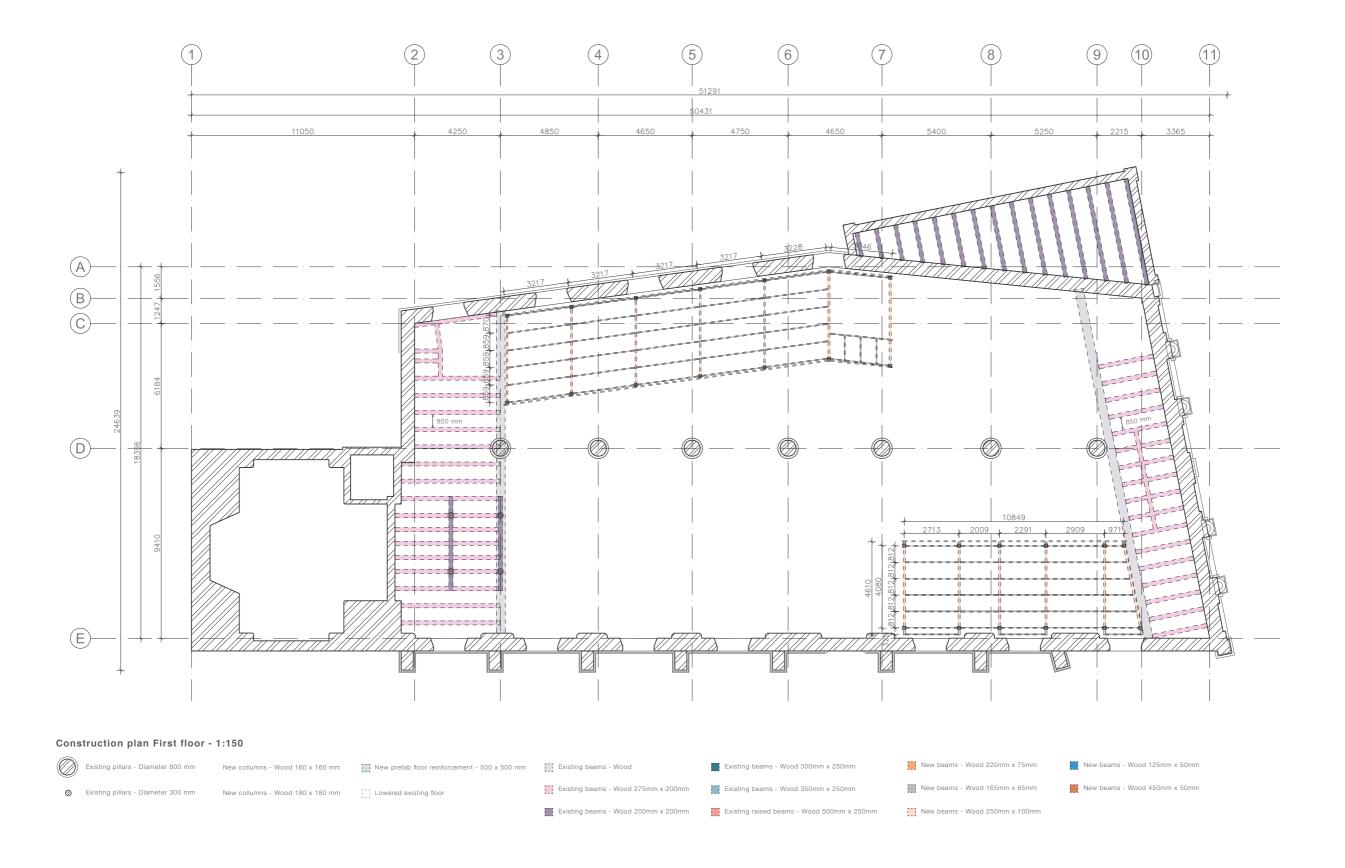




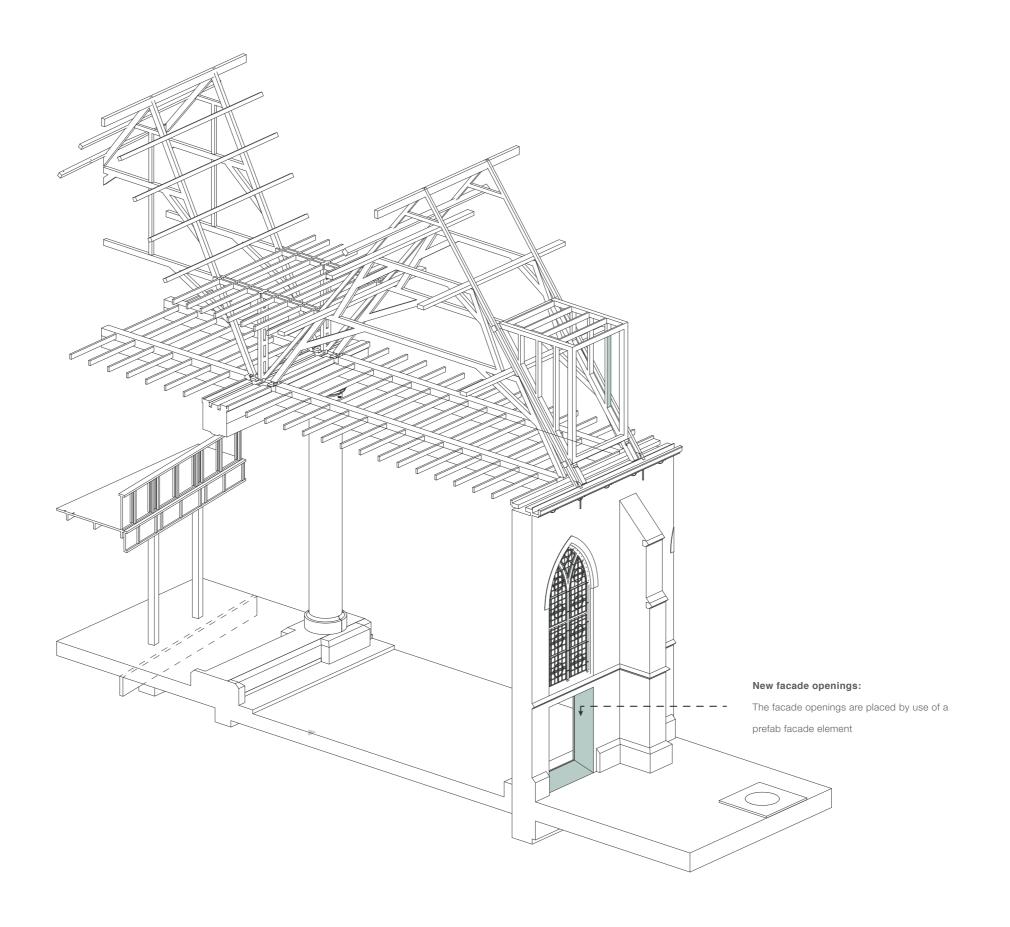




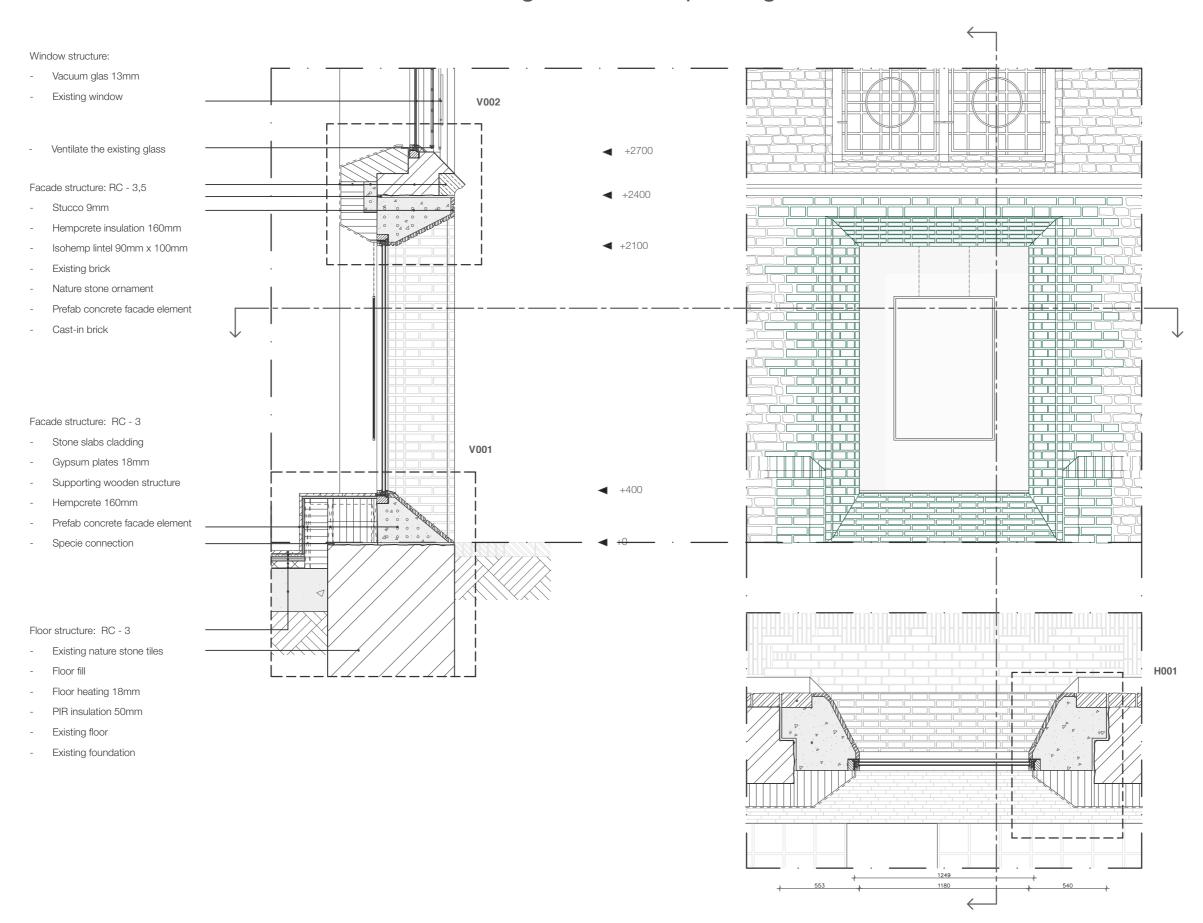




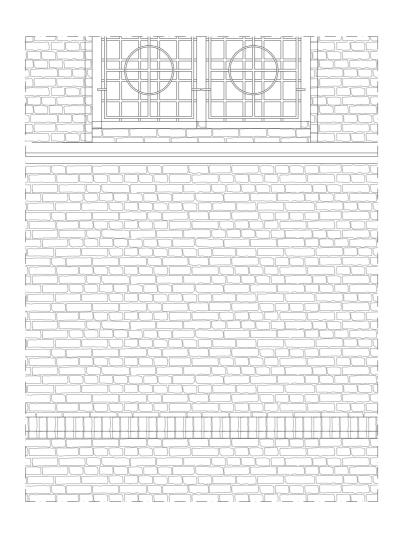
Placing the new openings



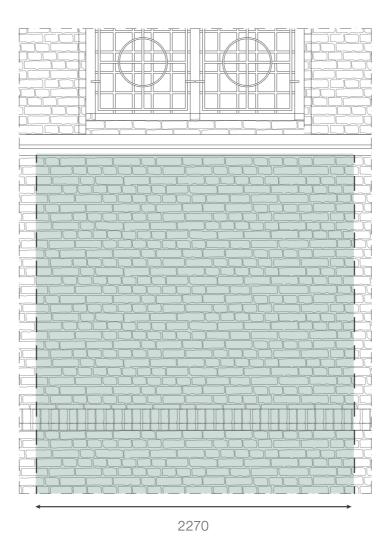
Placing the new openings



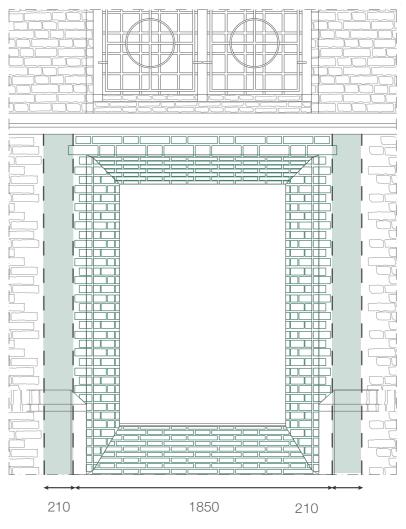
Placing the new openings



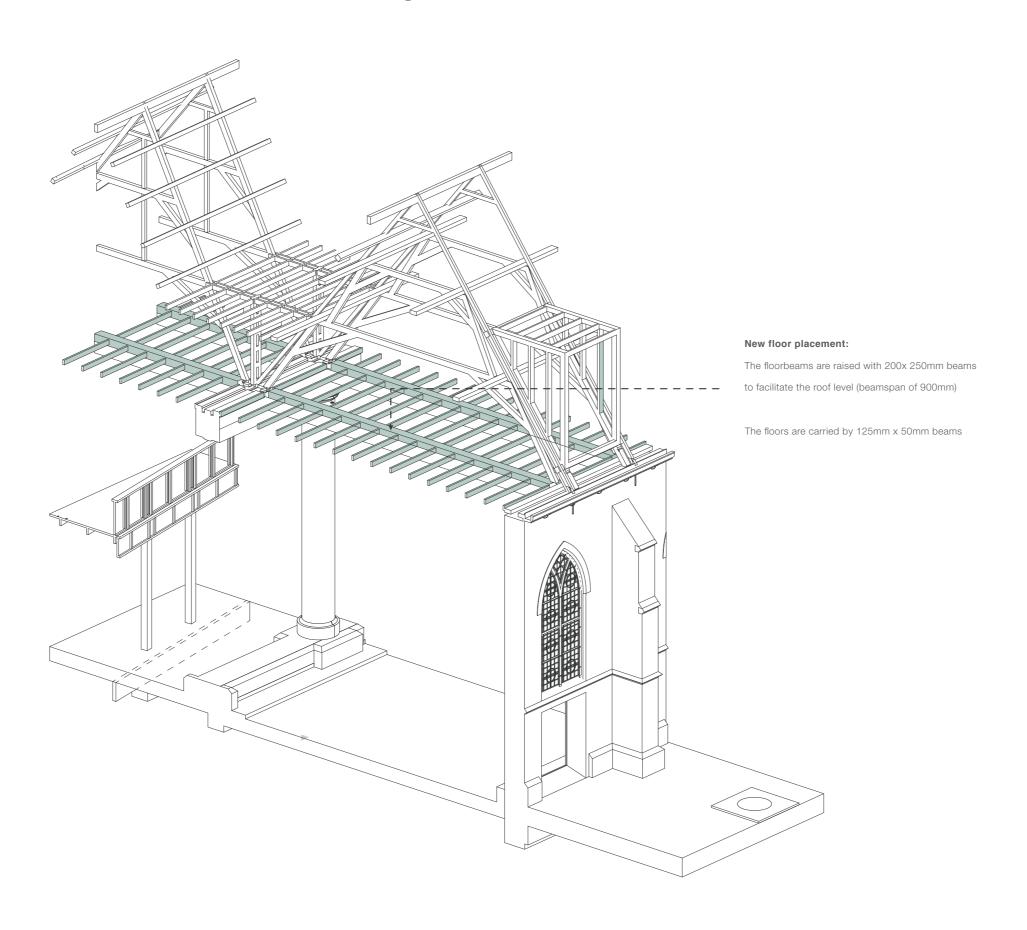
The existing facade

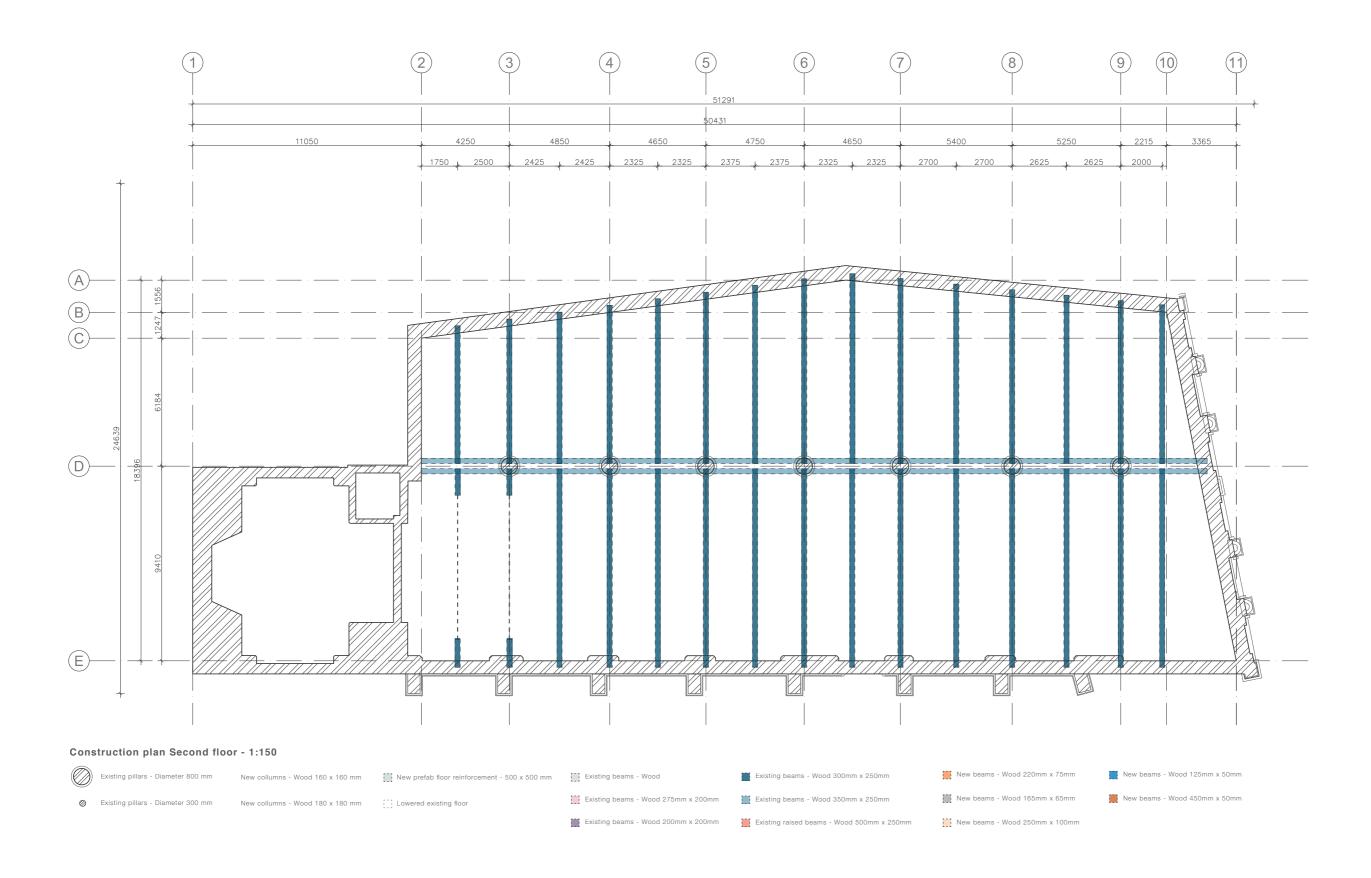


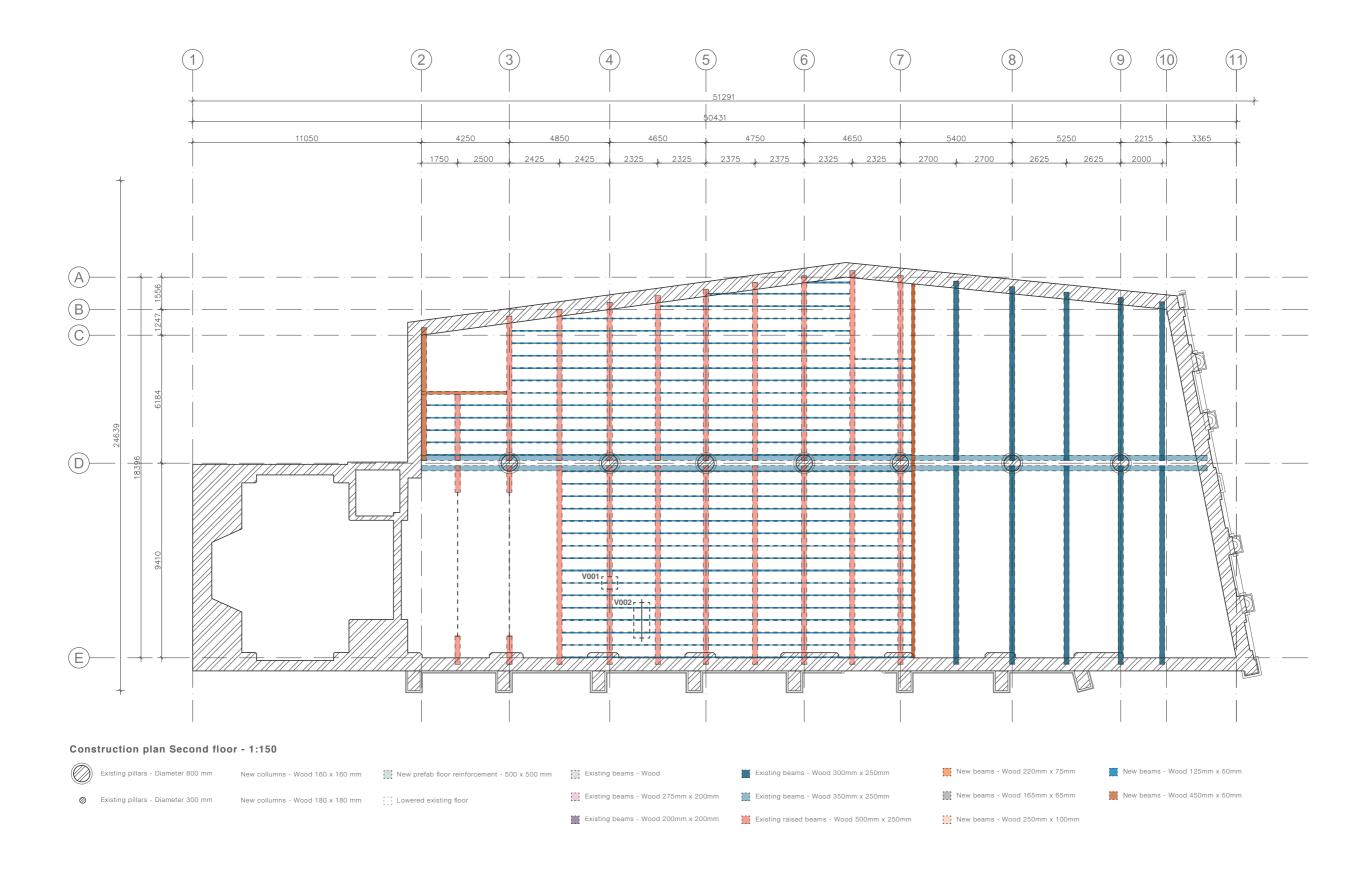
Remove the assigned brick to place the prefab concrete facade element for the new openings

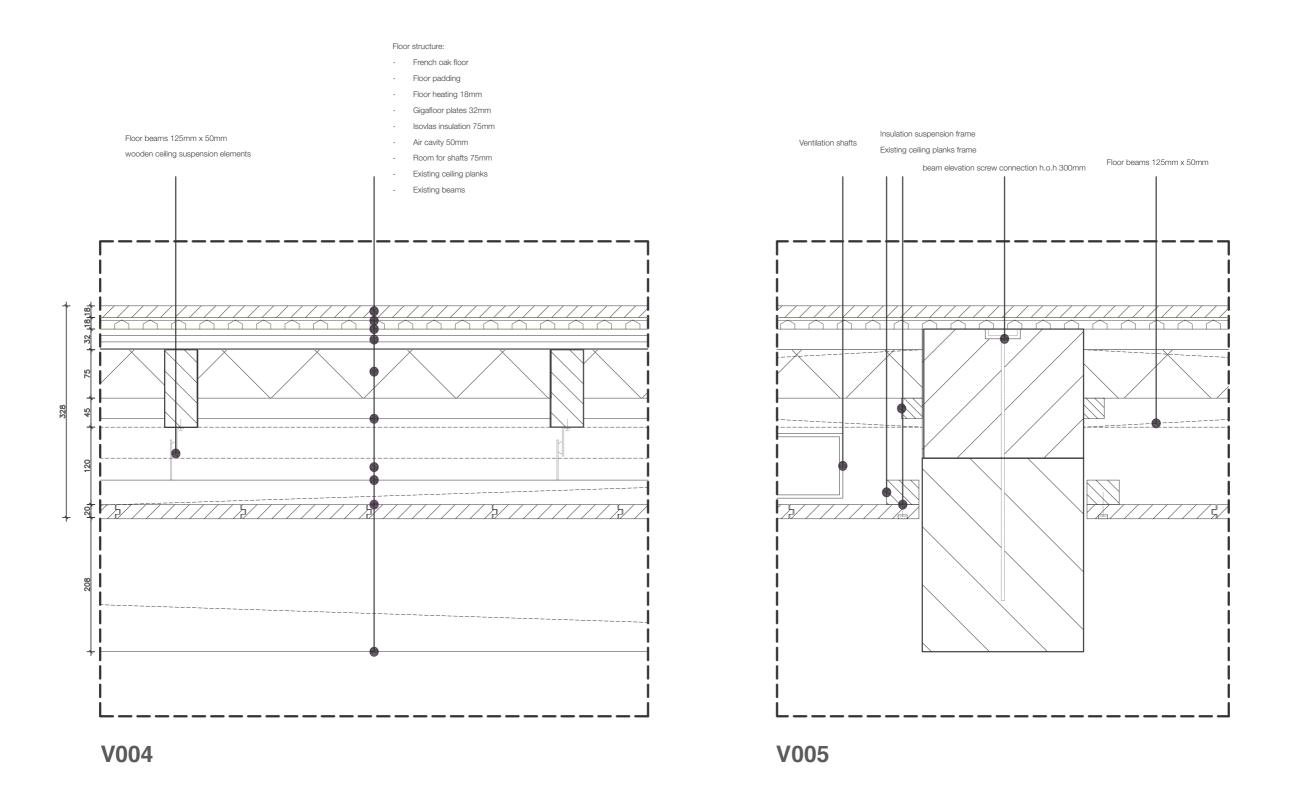


Within the prefab concrete facade element one row of cast in brick is left open on both sides. As a result, a more organic healing between the existing and new brick can be created

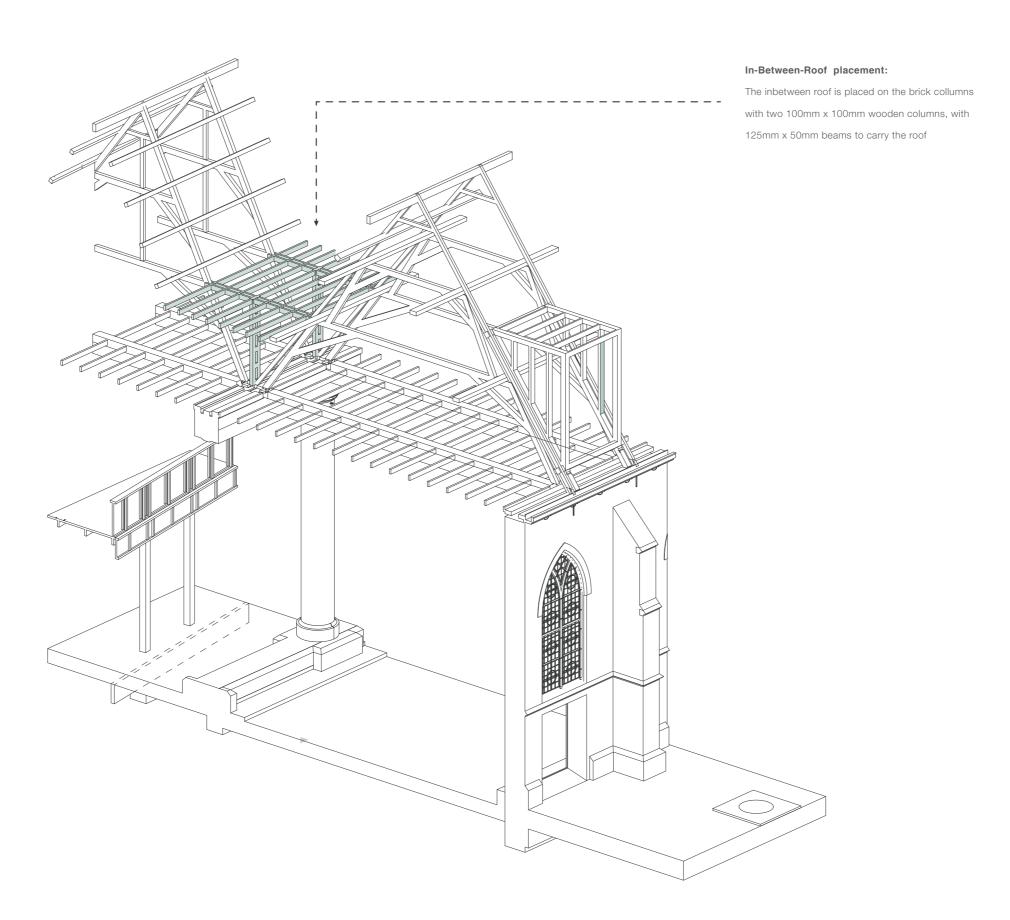




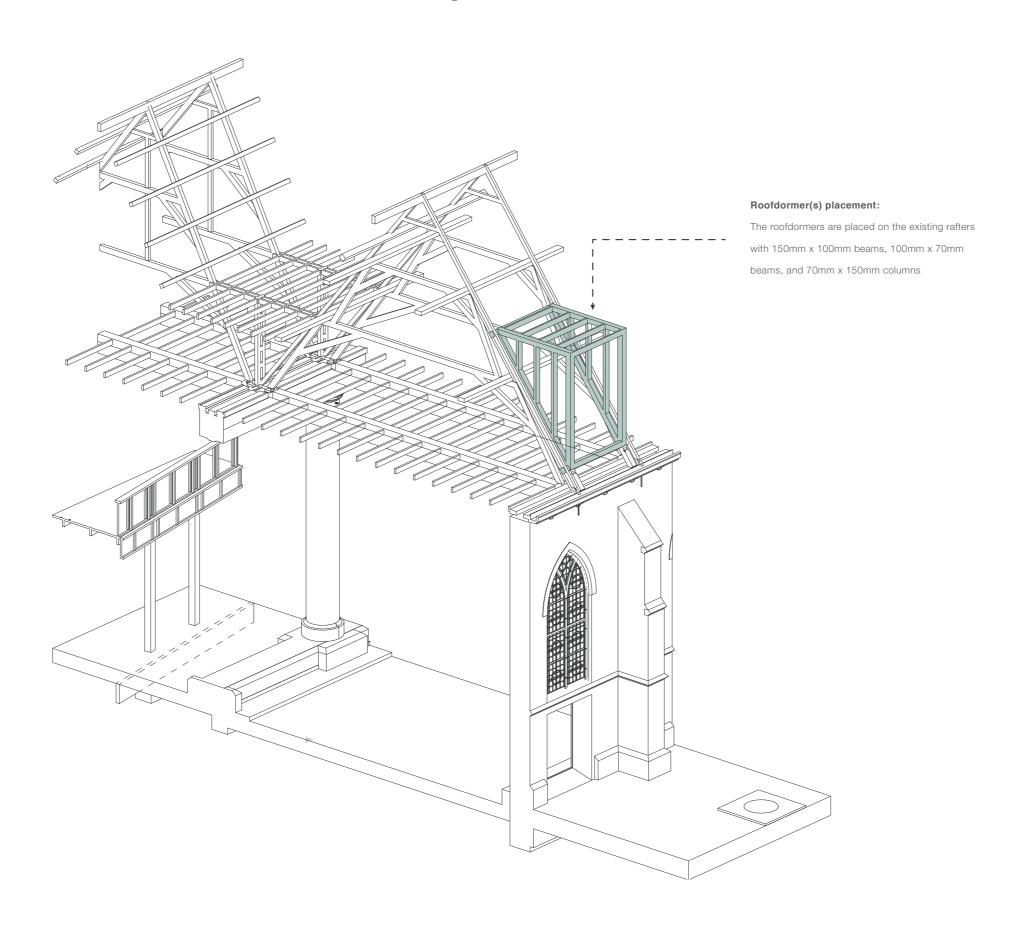




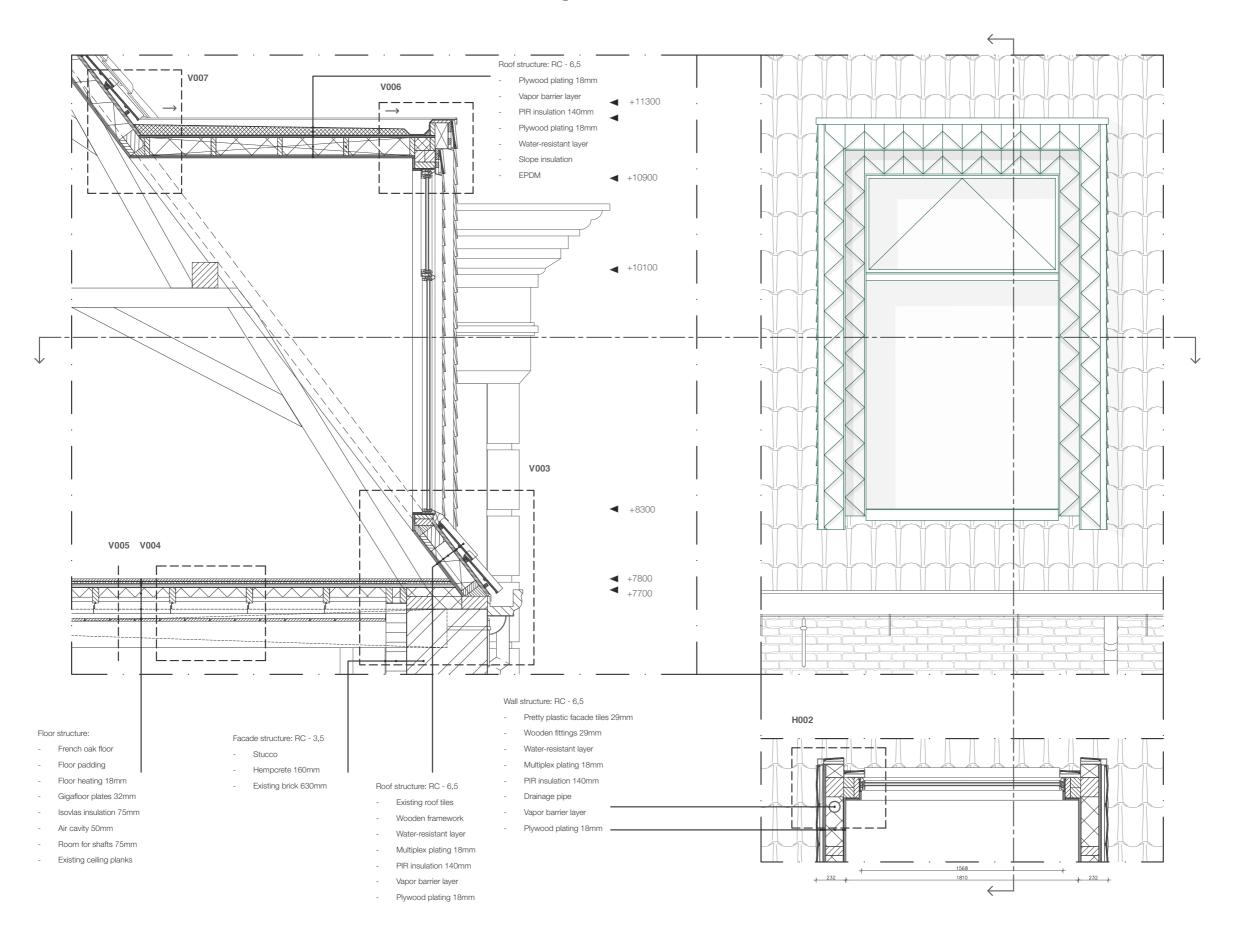
Adding a new in-between-roof



Adding the dormers

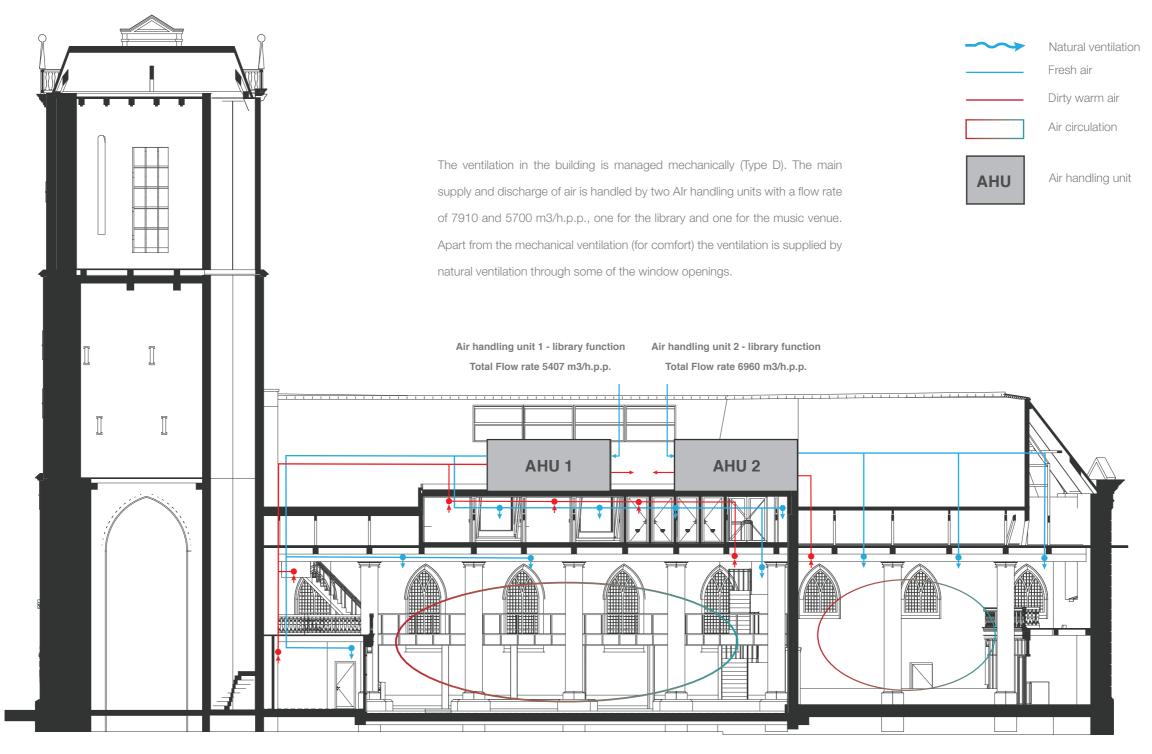


Adding the dormers



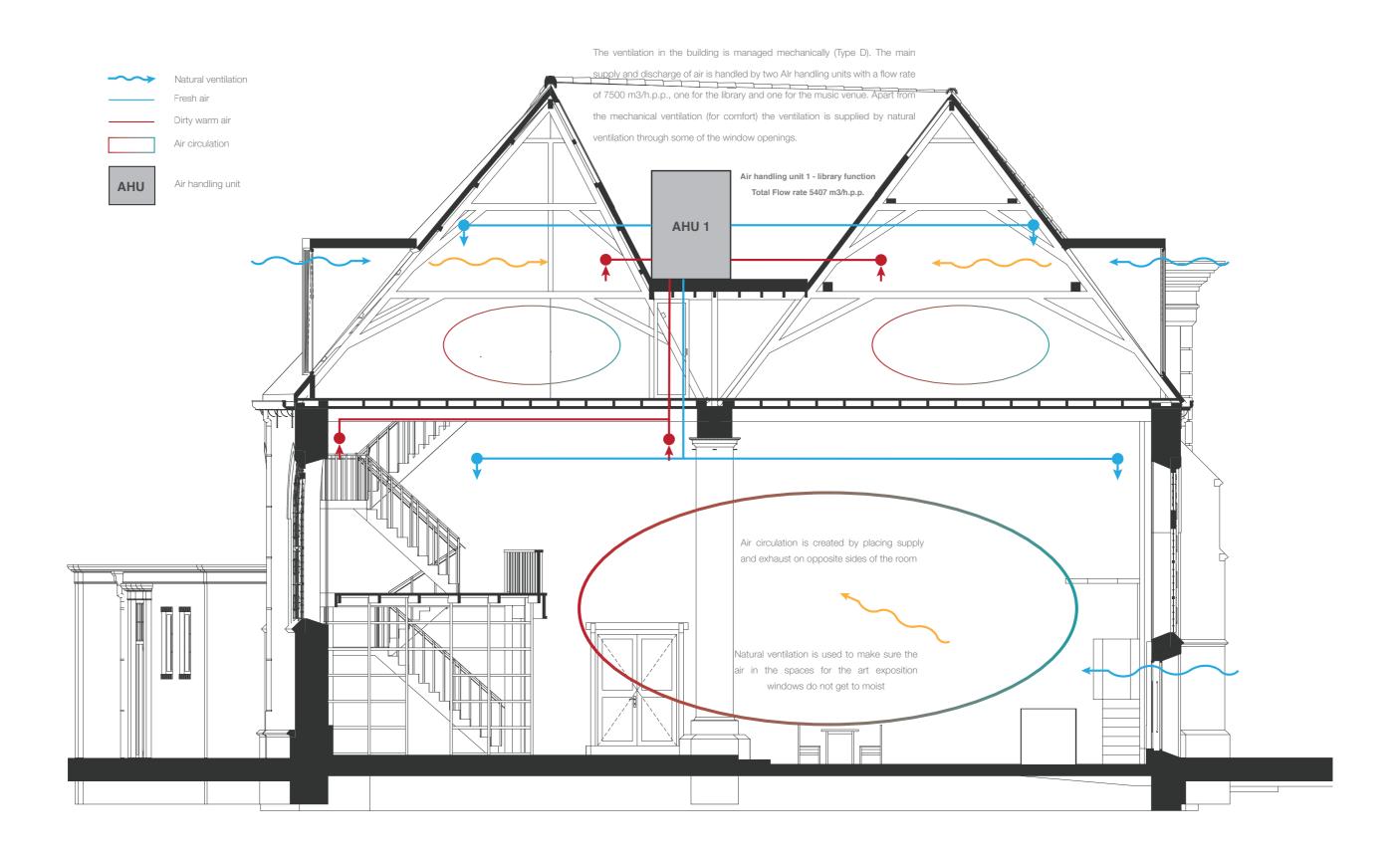
How is the interior climate facilitated?

Ventilation plan

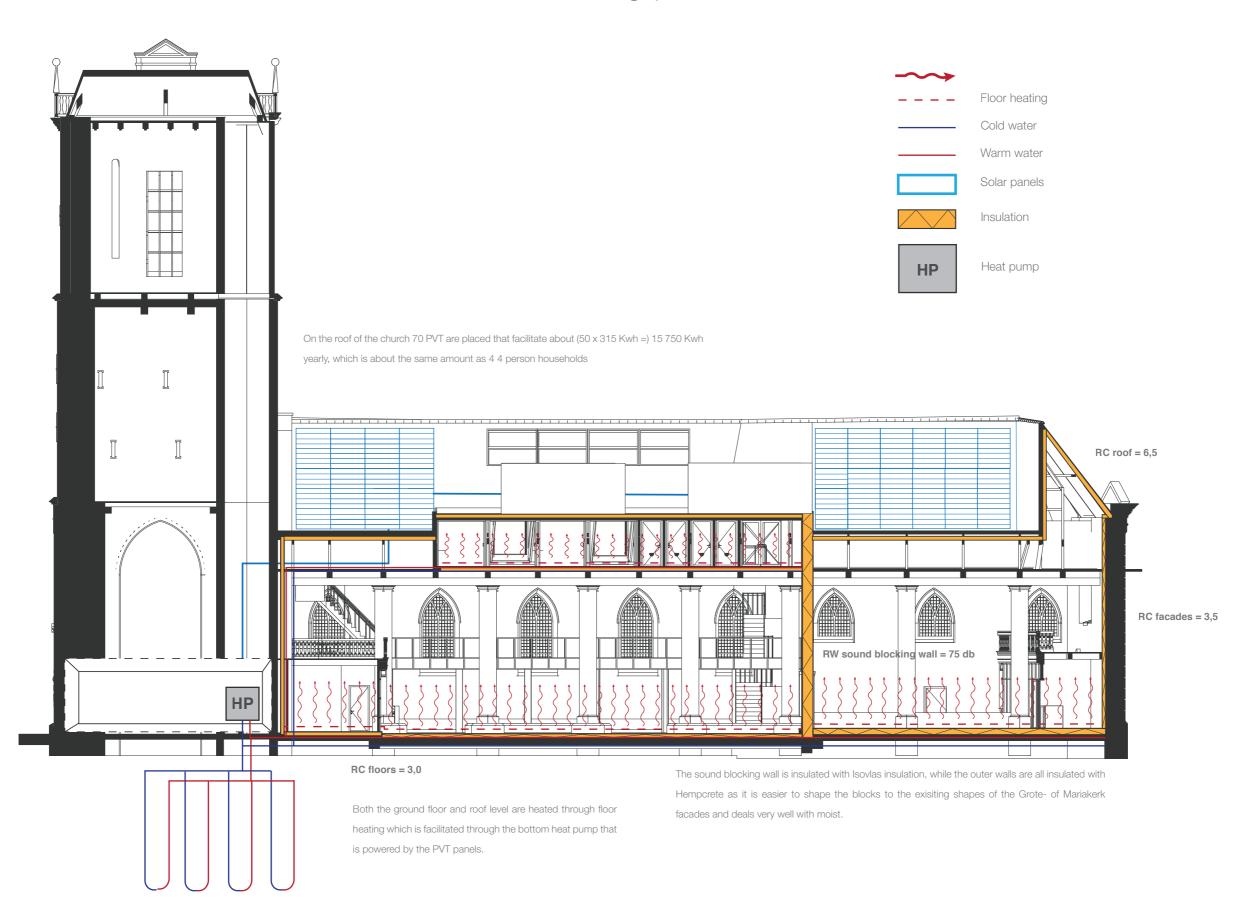


Air circulation is created by placing supply and exhaust on opposite sides of the room

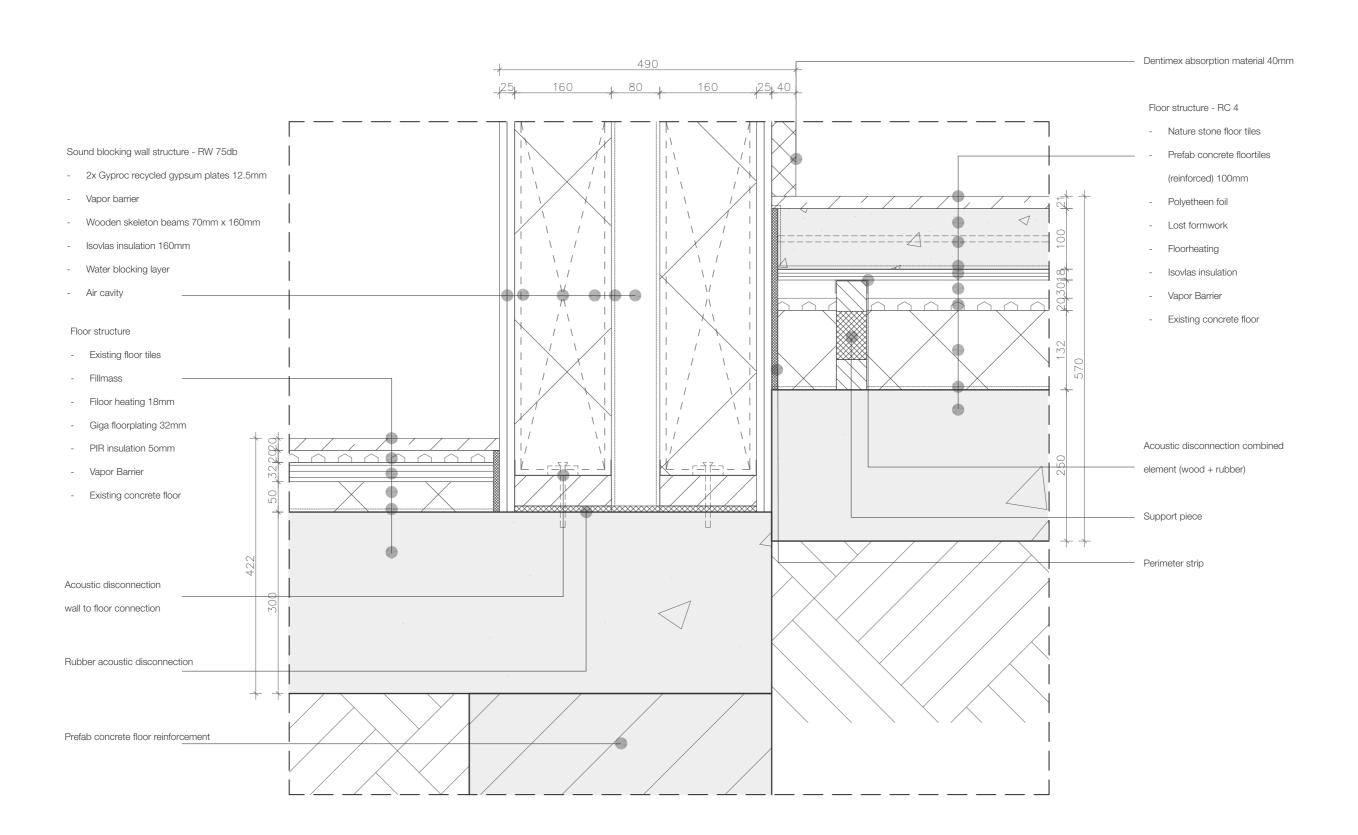
Ventilation plan



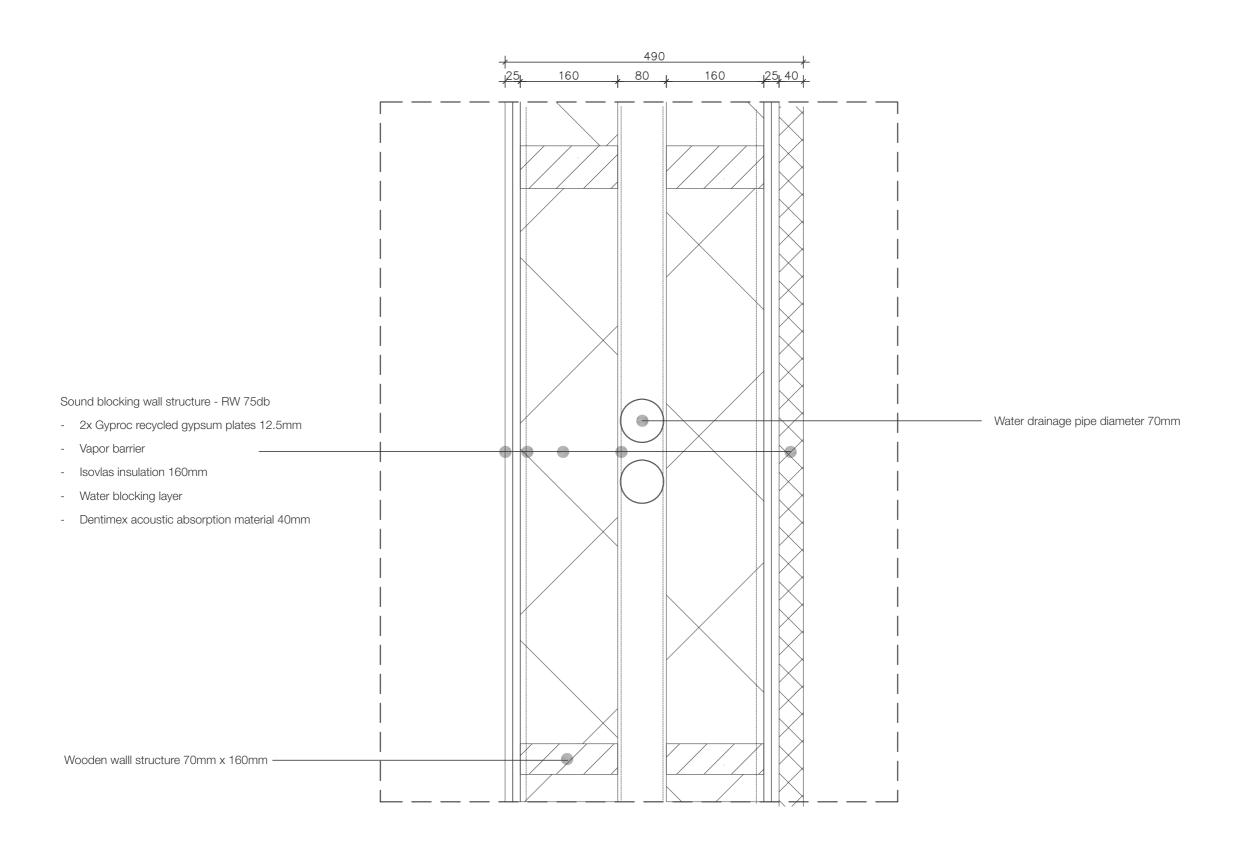
Heating plan



Sound blocking



Sound blocking



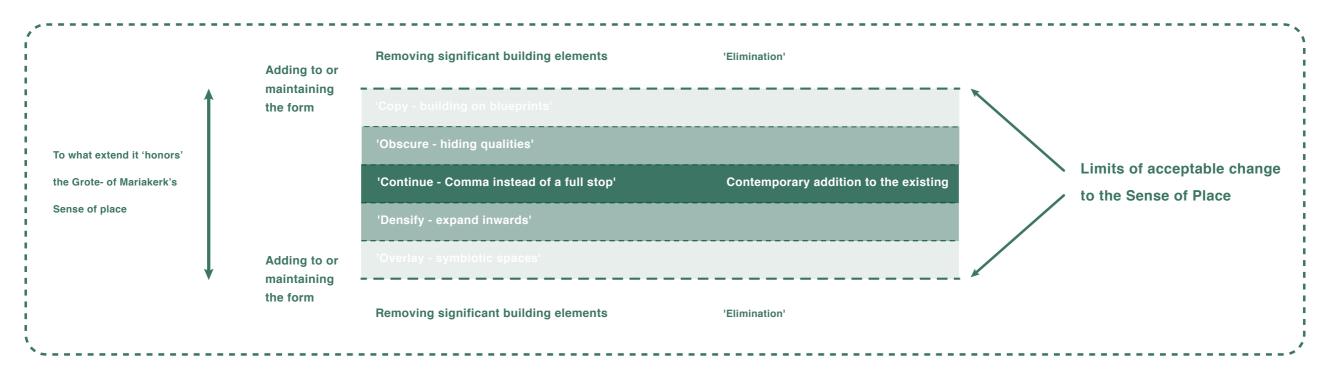
Does the repurposing plan honour, maintain, and stay within the limits of acceptable change of the local Sense of Place towards the Grote- of Mariakerk?

Maintaining the local Sense of Place

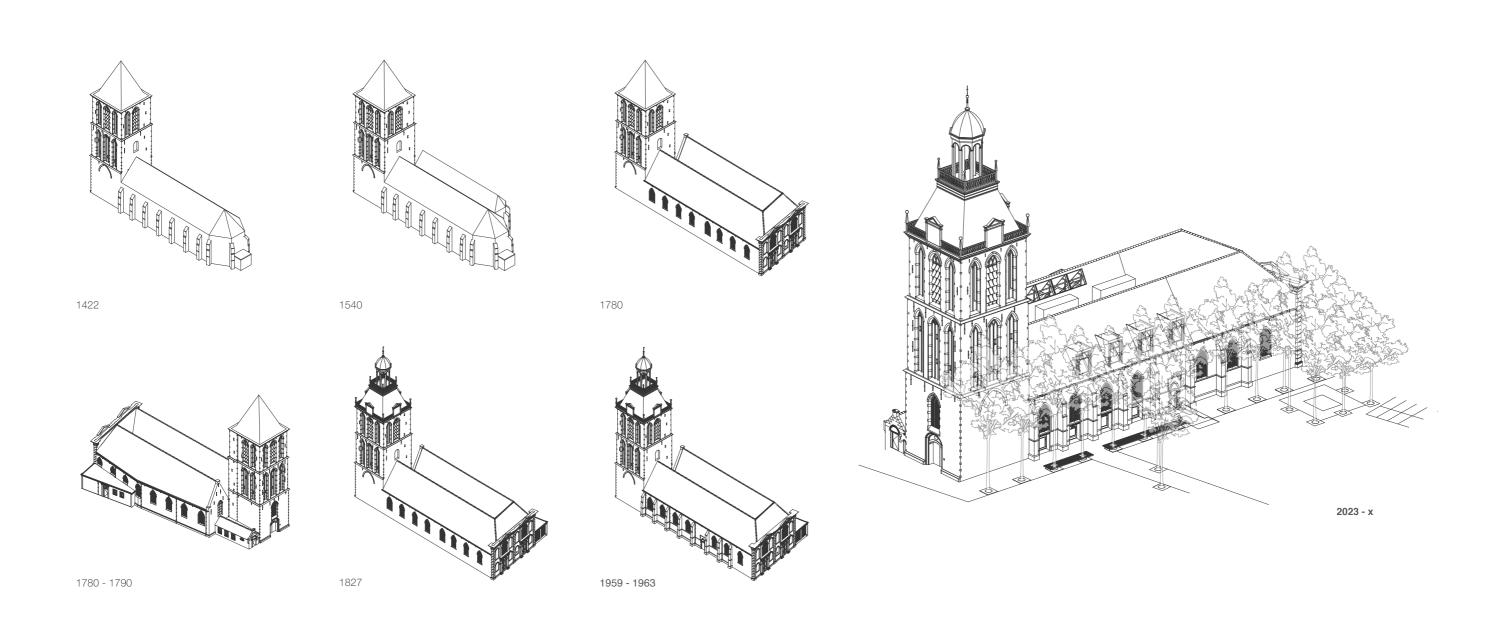
LIMITS OF ACCEPTABLE CHANGE TO THE FUNCTION OF THE GROTE- OF MARIAKERK



LIMITS OF ACCEPTABLE CHANGE TO THE FORM OF THE GROTE- OF MARIAKERK

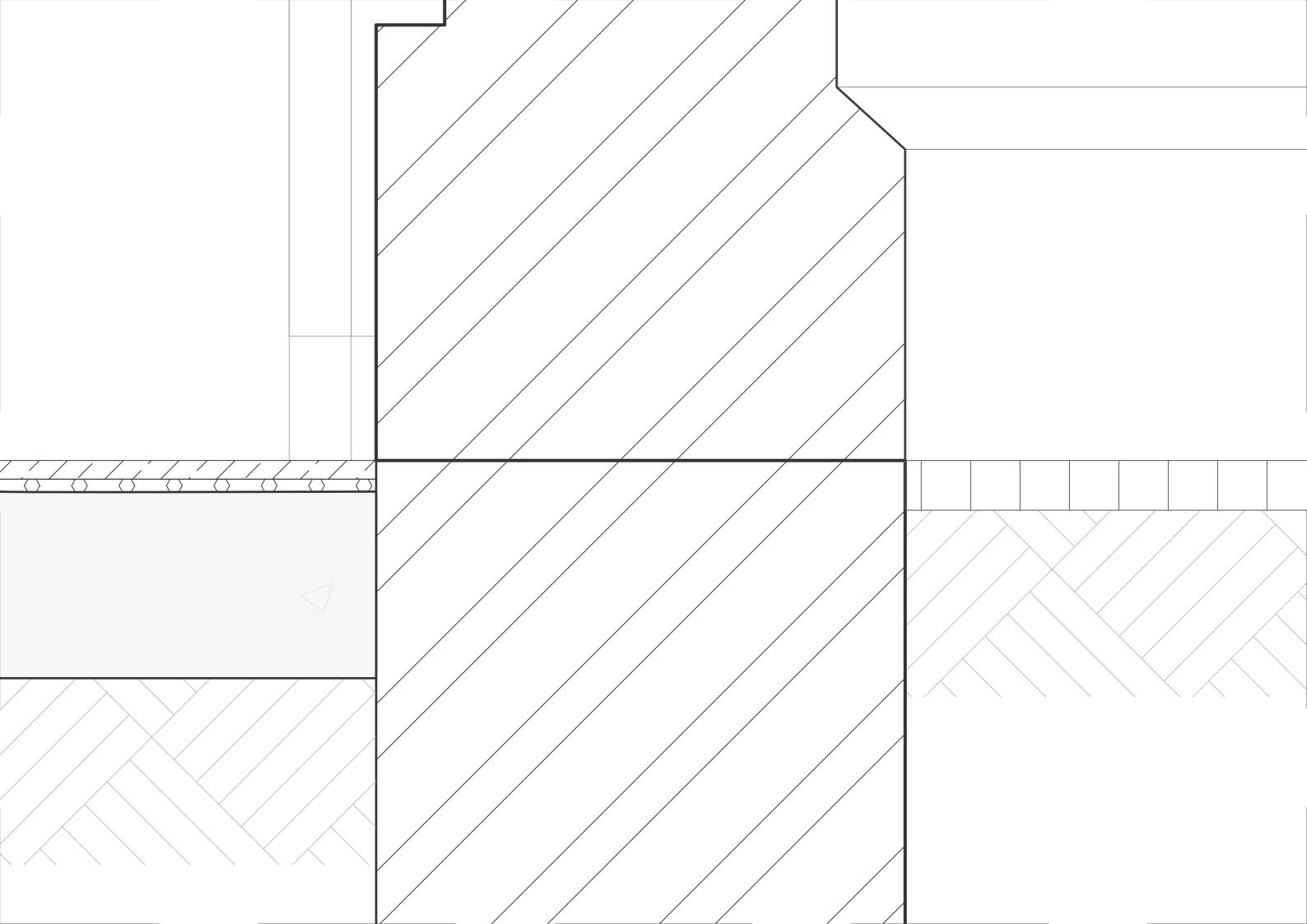


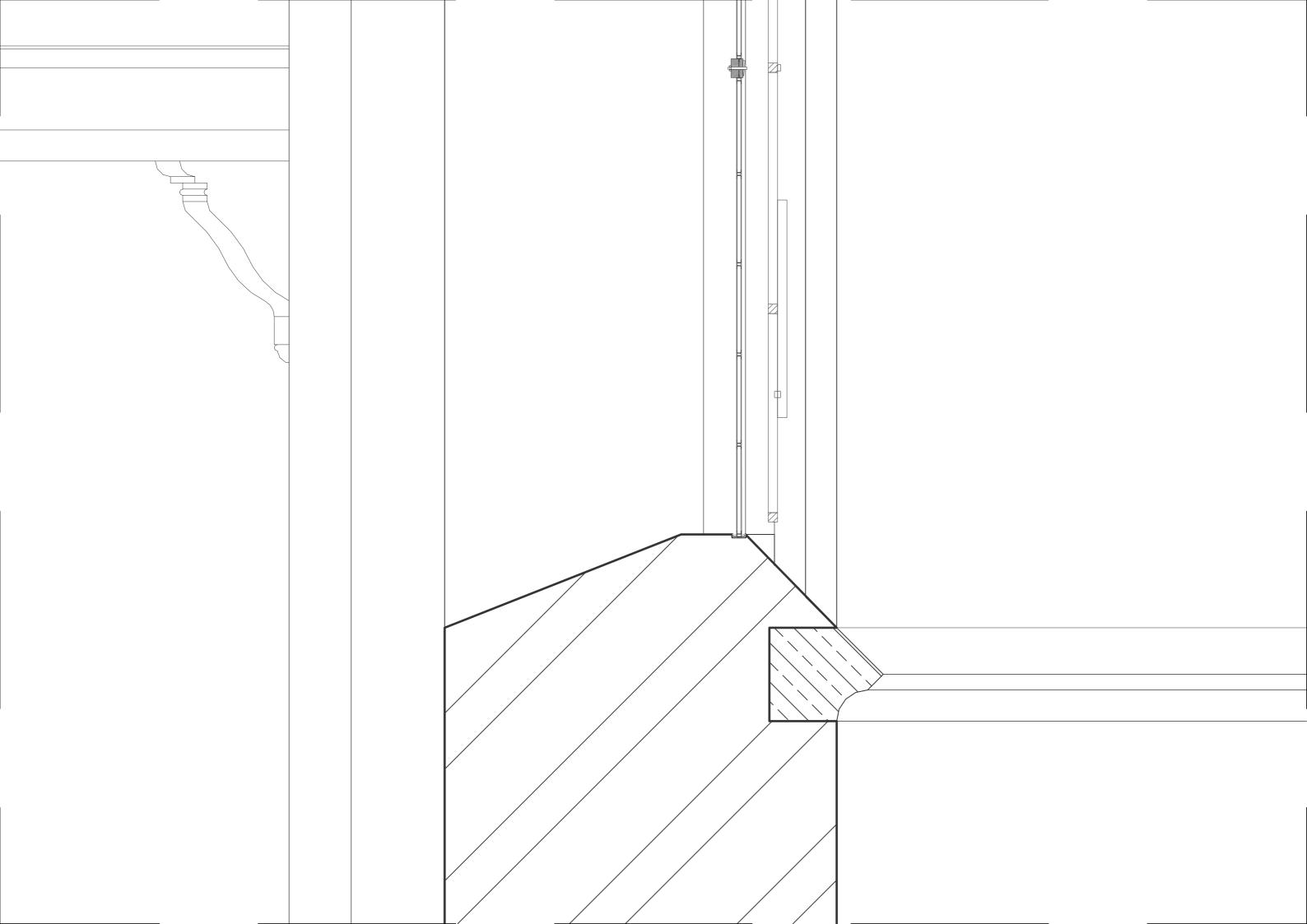
Adding a new timestamp

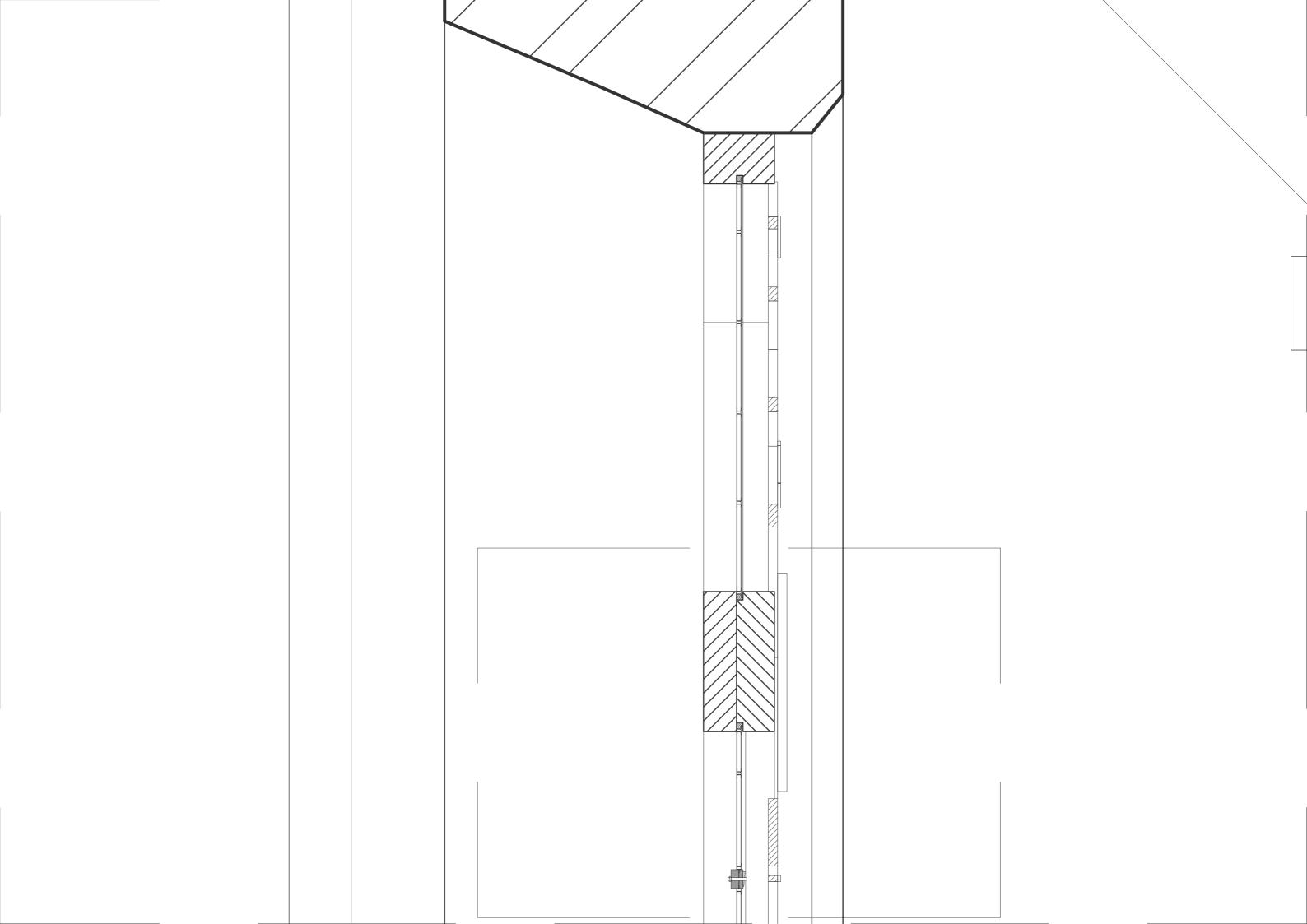


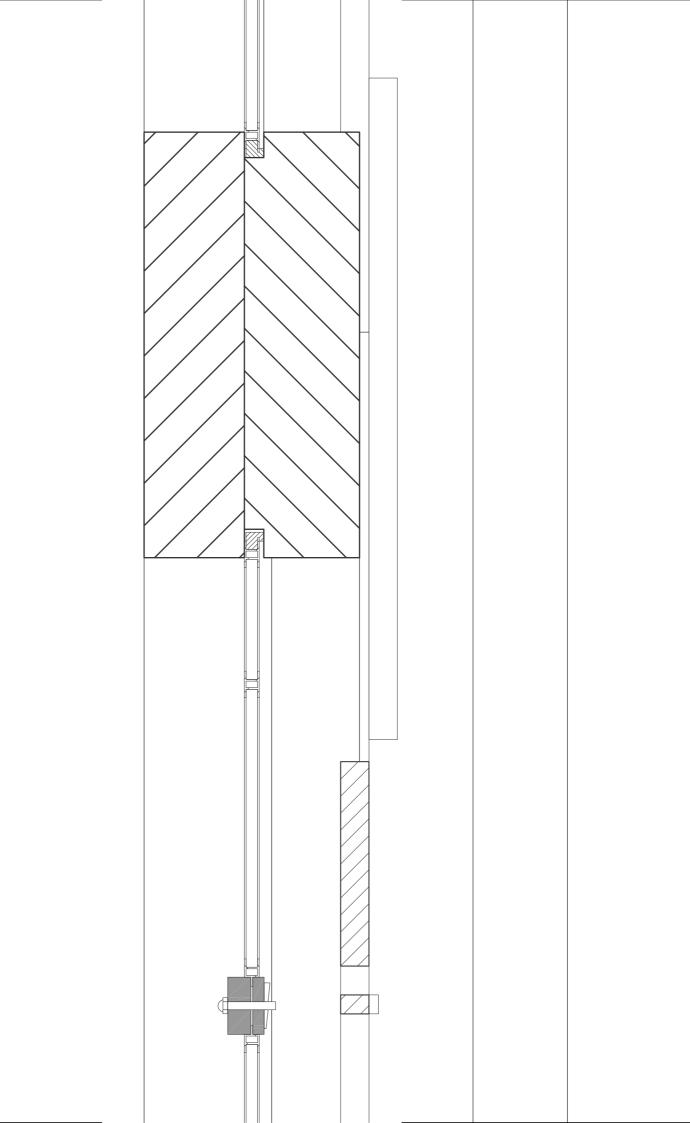
Extra set of drawings

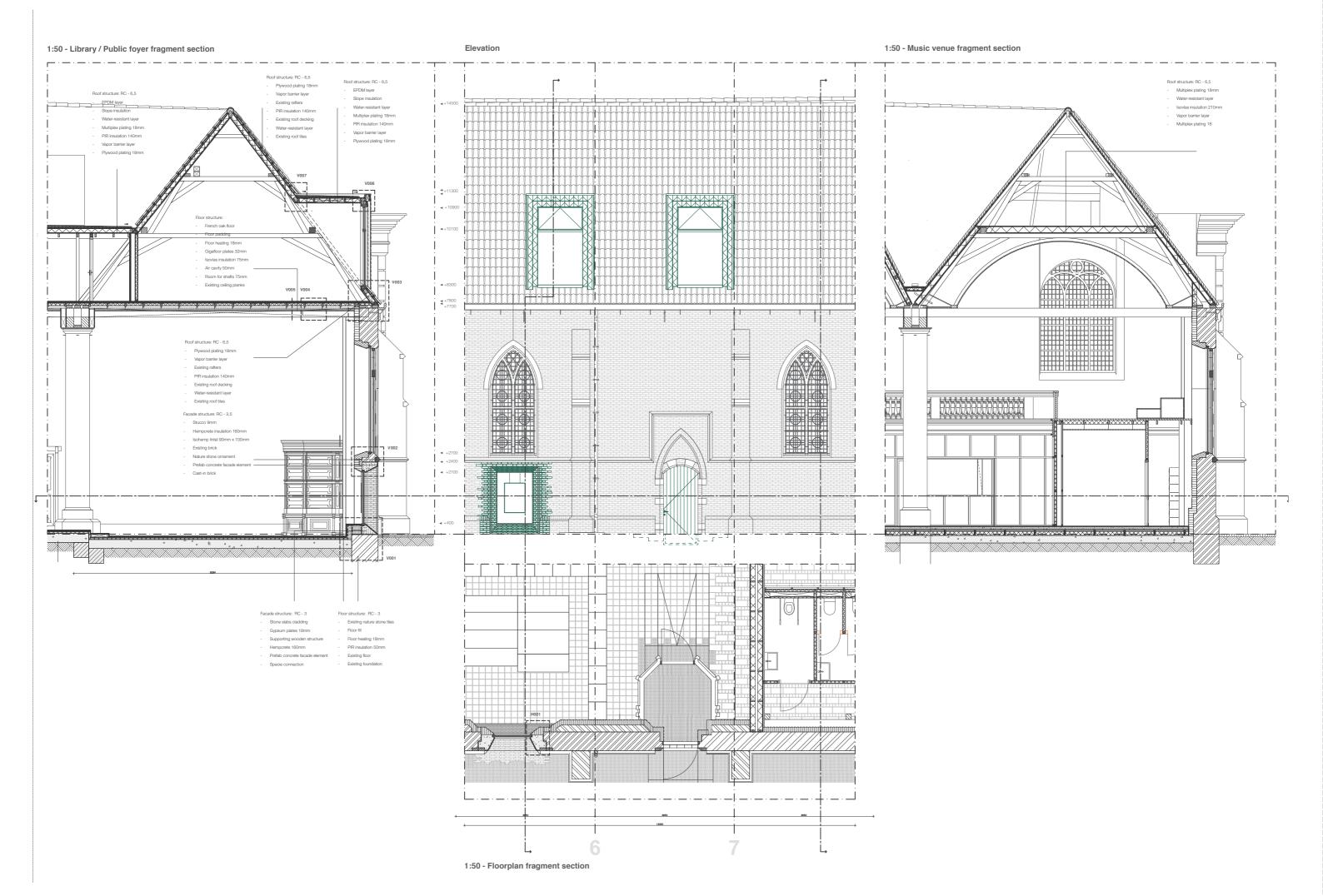
Existing fragment section - 1:50

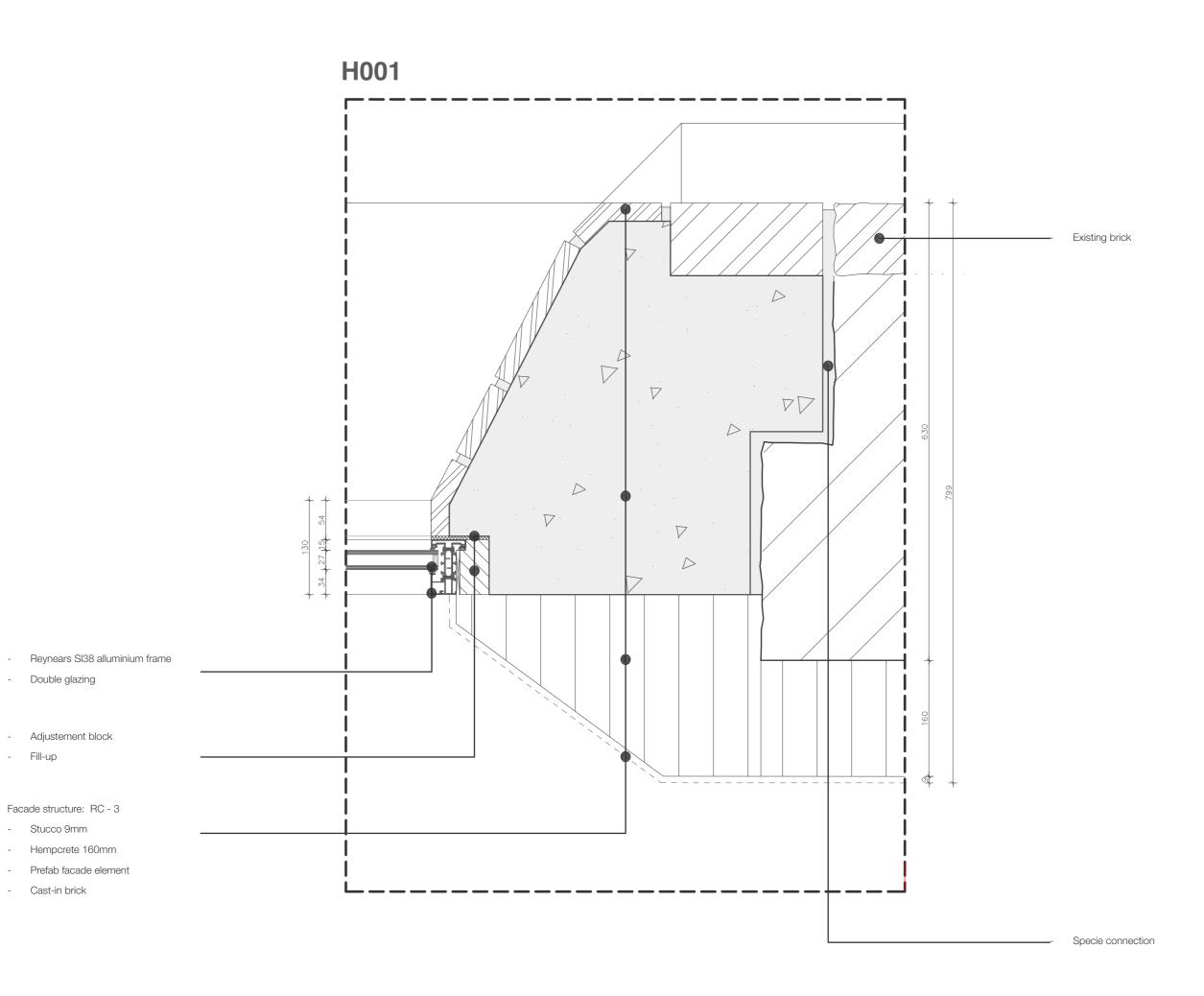


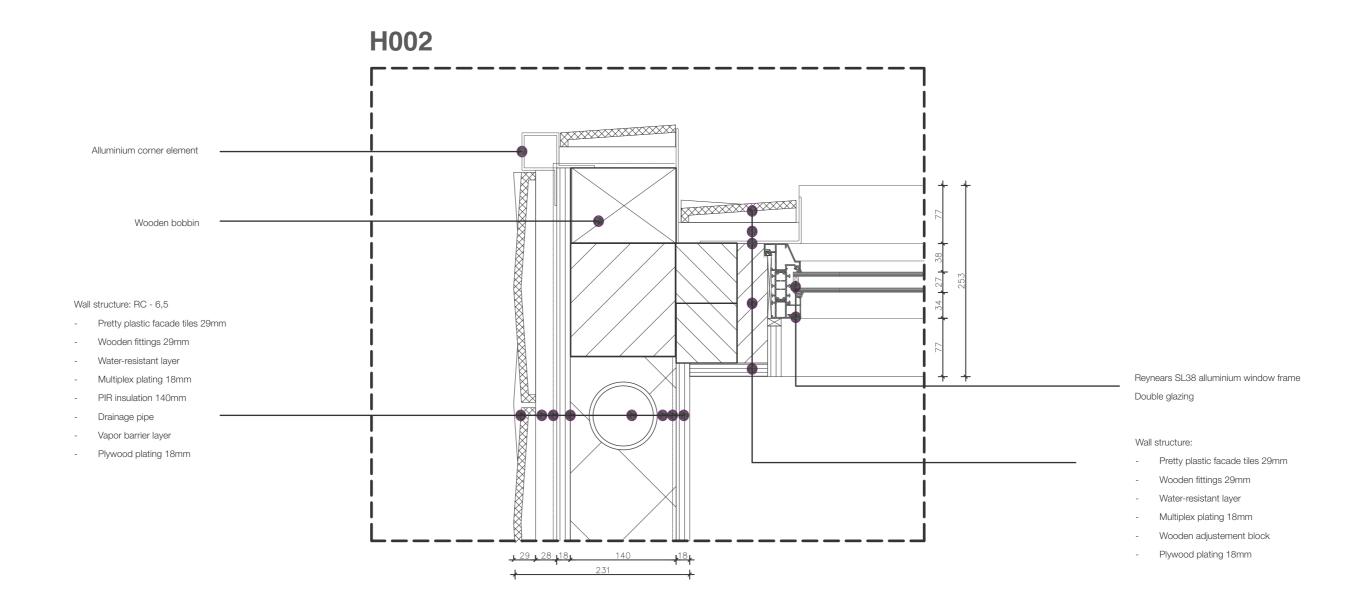


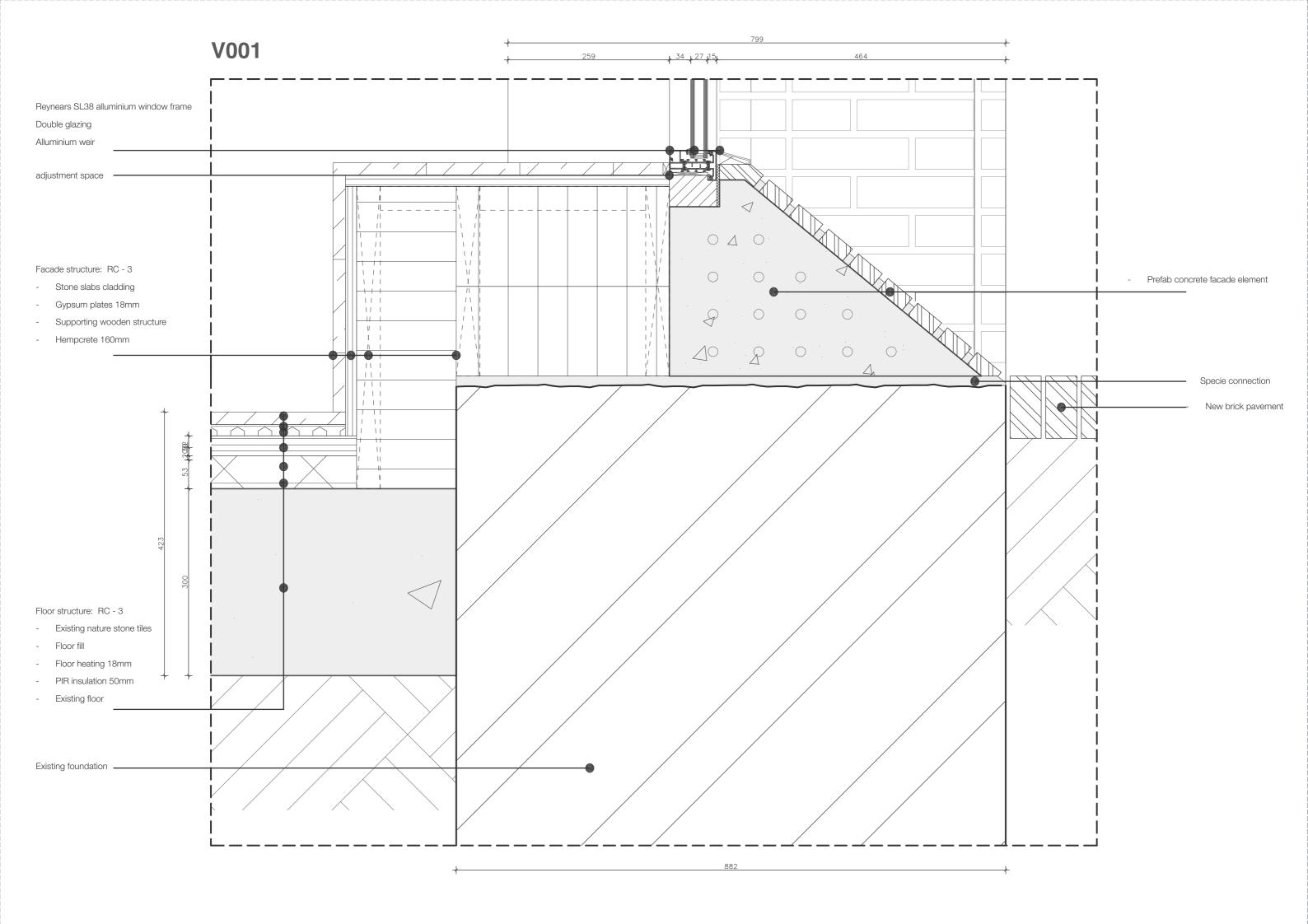


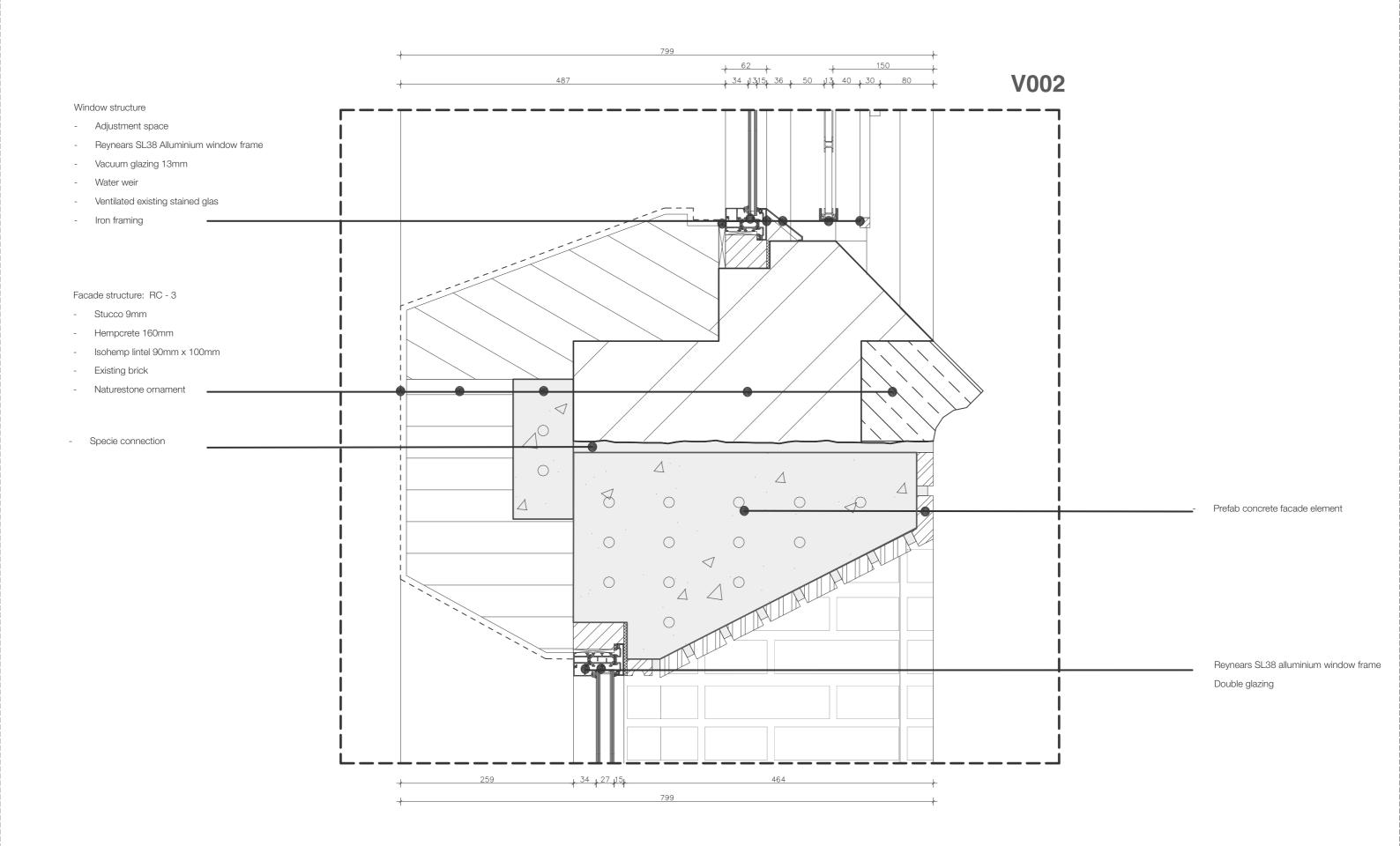


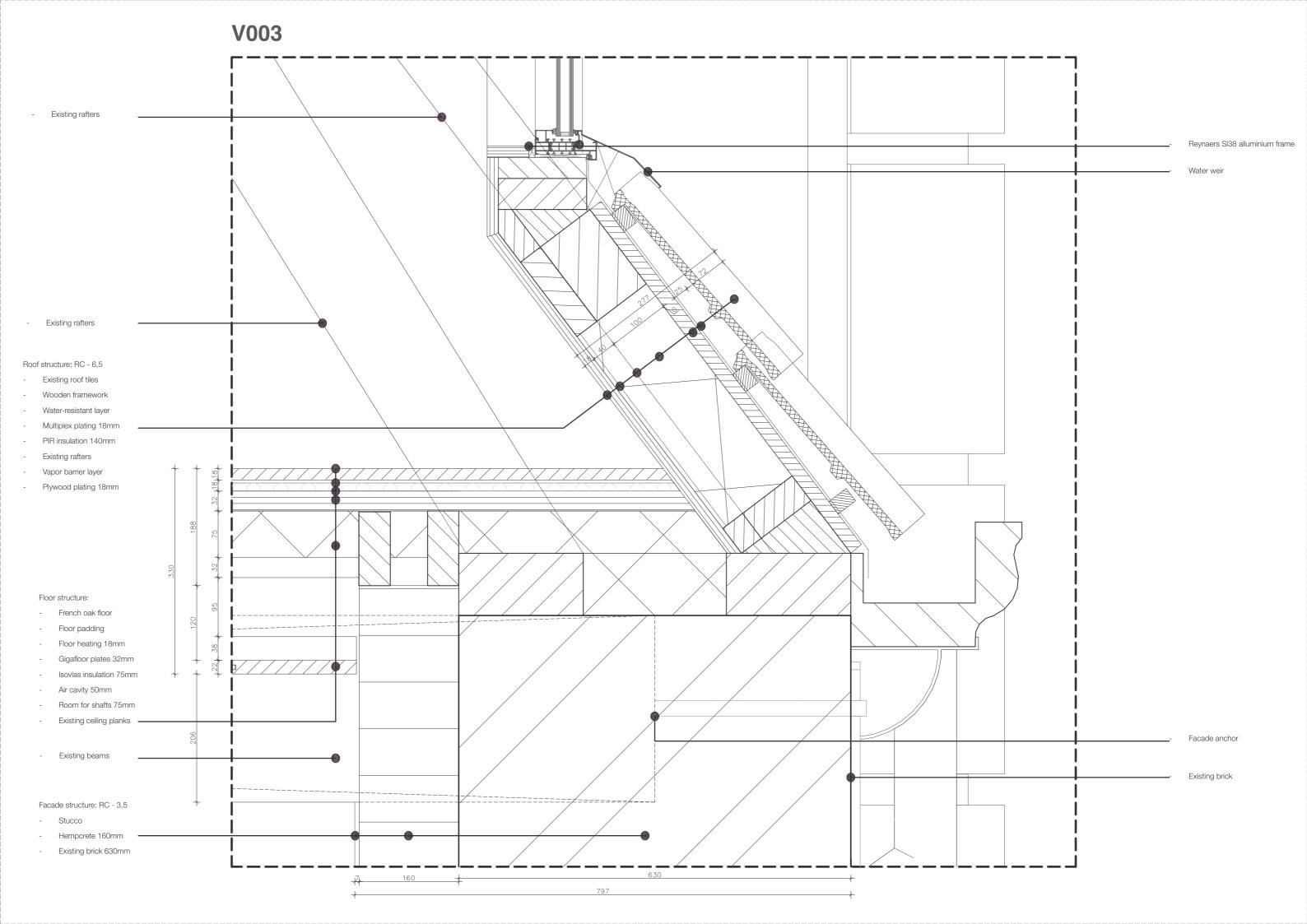


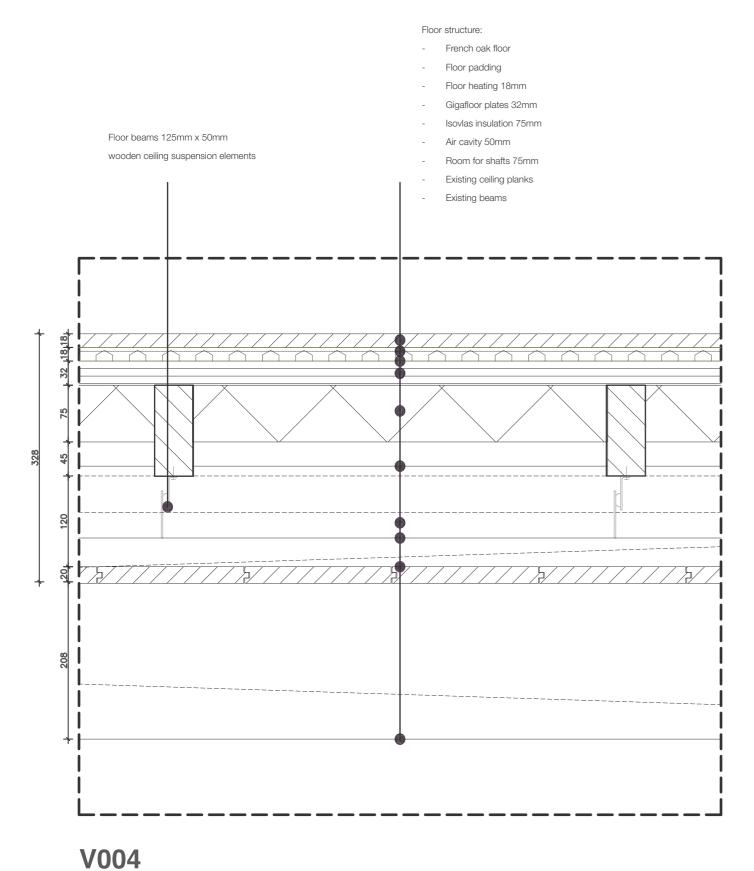






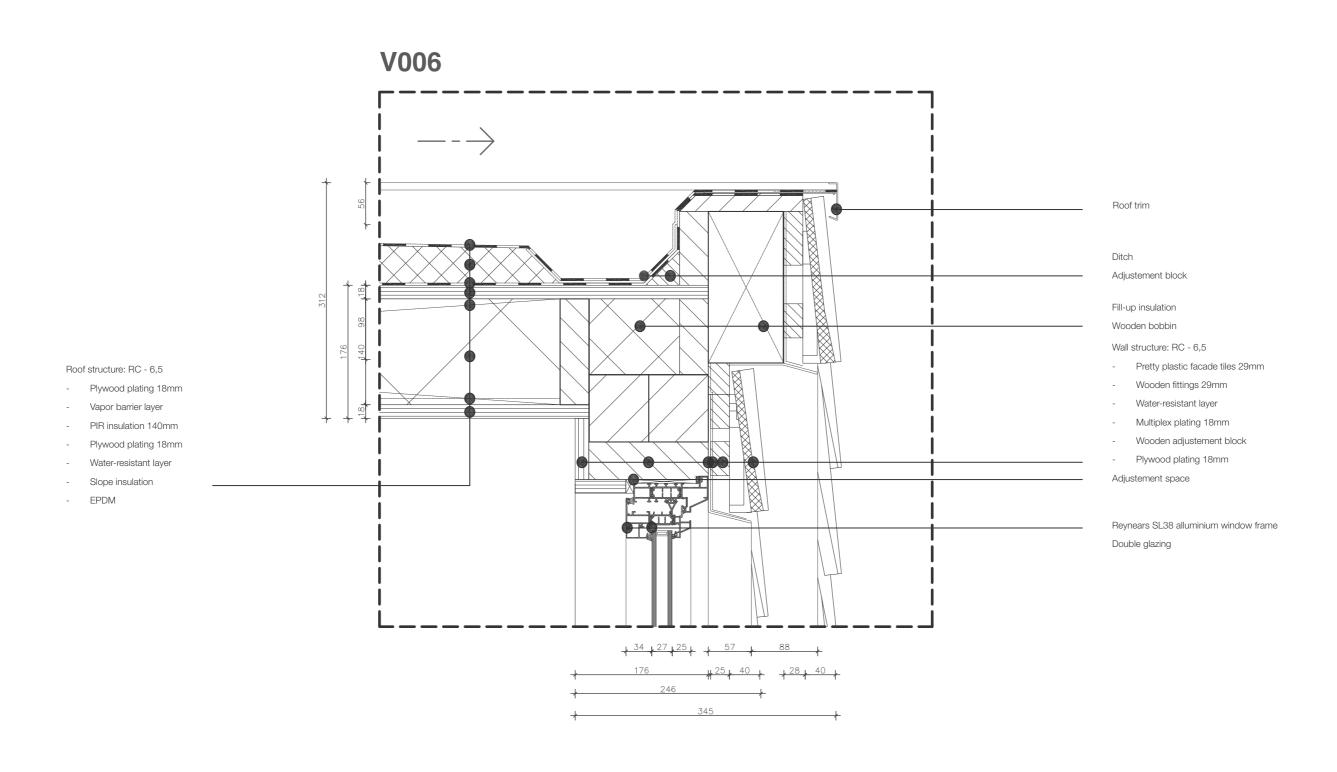




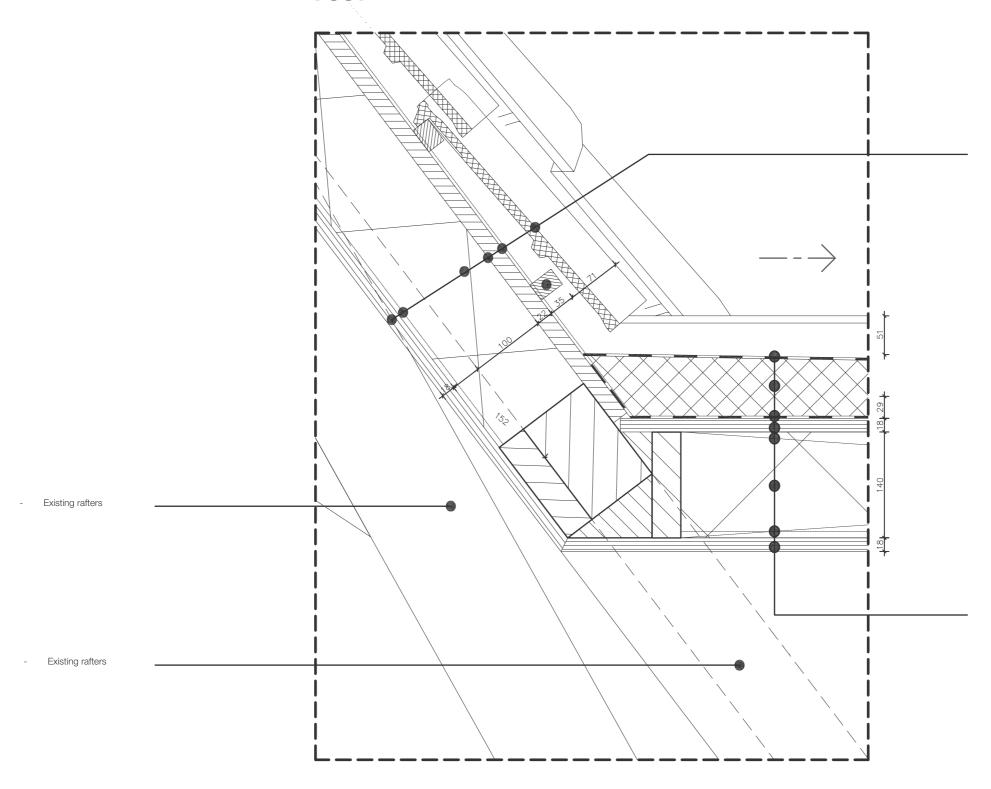


Insulation suspension frame Ventilation shafts Existing ceiling planks frame Floor beams 125mm x 50mm beam elevation screw connection h.o.h 300mm

V005



V007

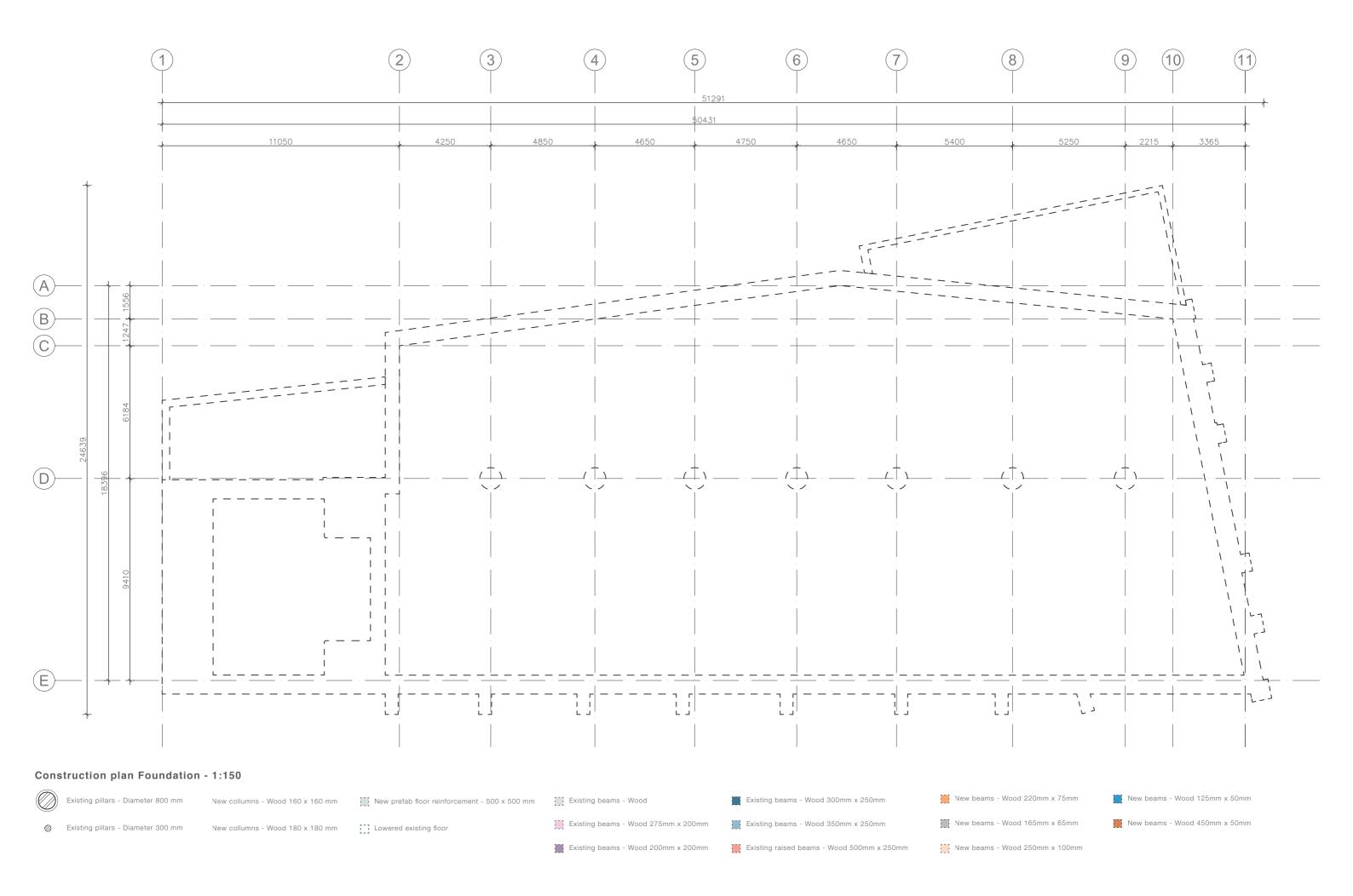


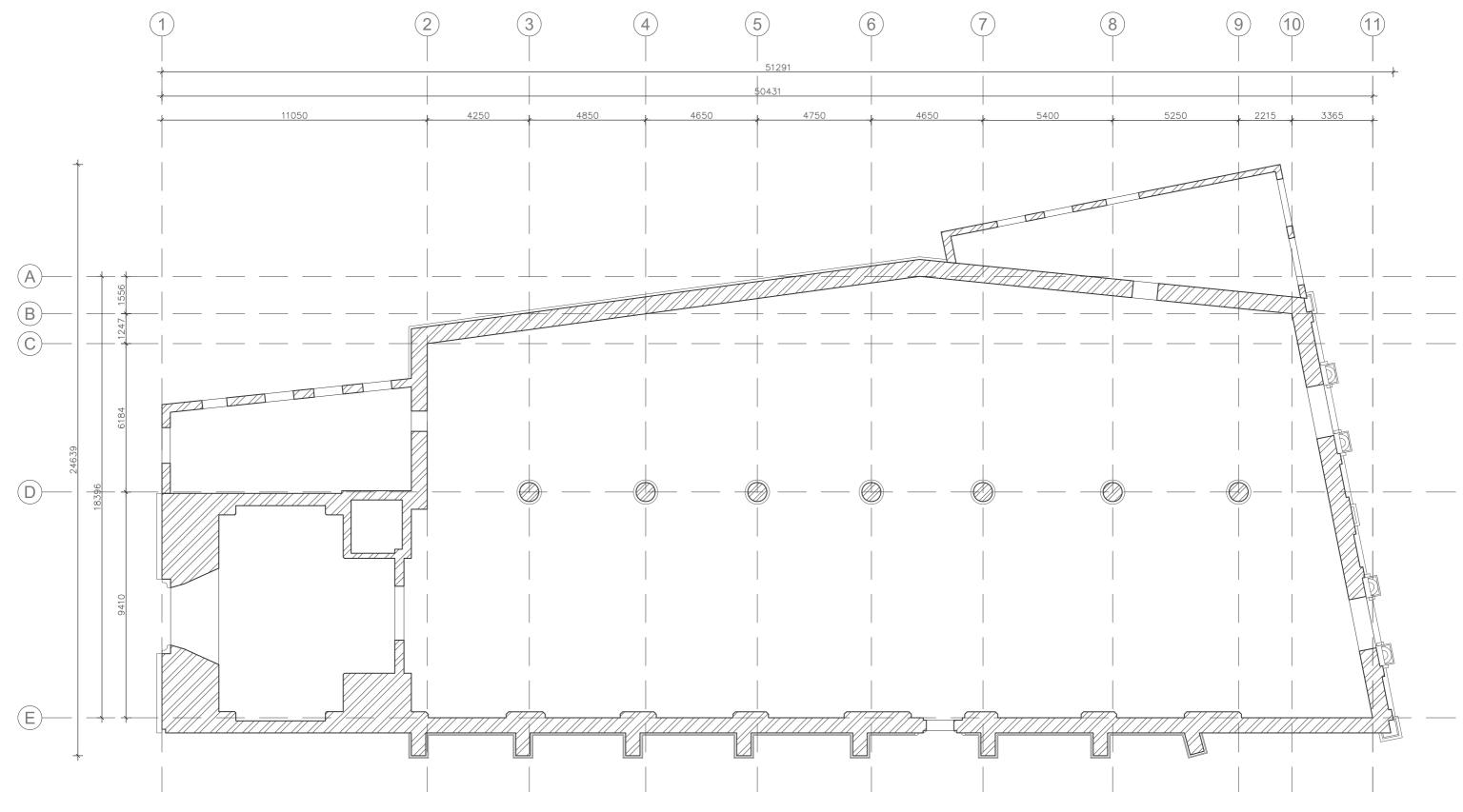
Roof structure: RC - 6,5

- Existing roof tiles
- Wooden framework
- Water-resistant layer
- Multiplex plating 18mm
- PIR insulation 140mm
- Vapor barrier layer
- Plywood plating 18mm

Roof structure: RC - 6,5

- Plywood plating 18mm
- Vapor barrier layer
- PIR insulation 140mm
- Plywood plating 18mm
- Water-resistant layer
- Slope insulation
- EPDM





Construction plan Ground floor - 1:150



