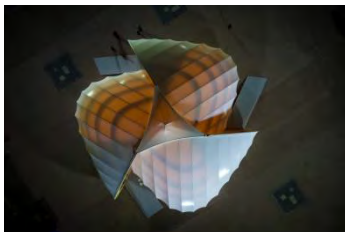
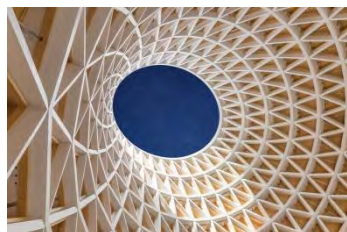
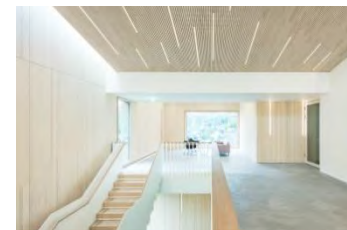


Faszination Holzbau



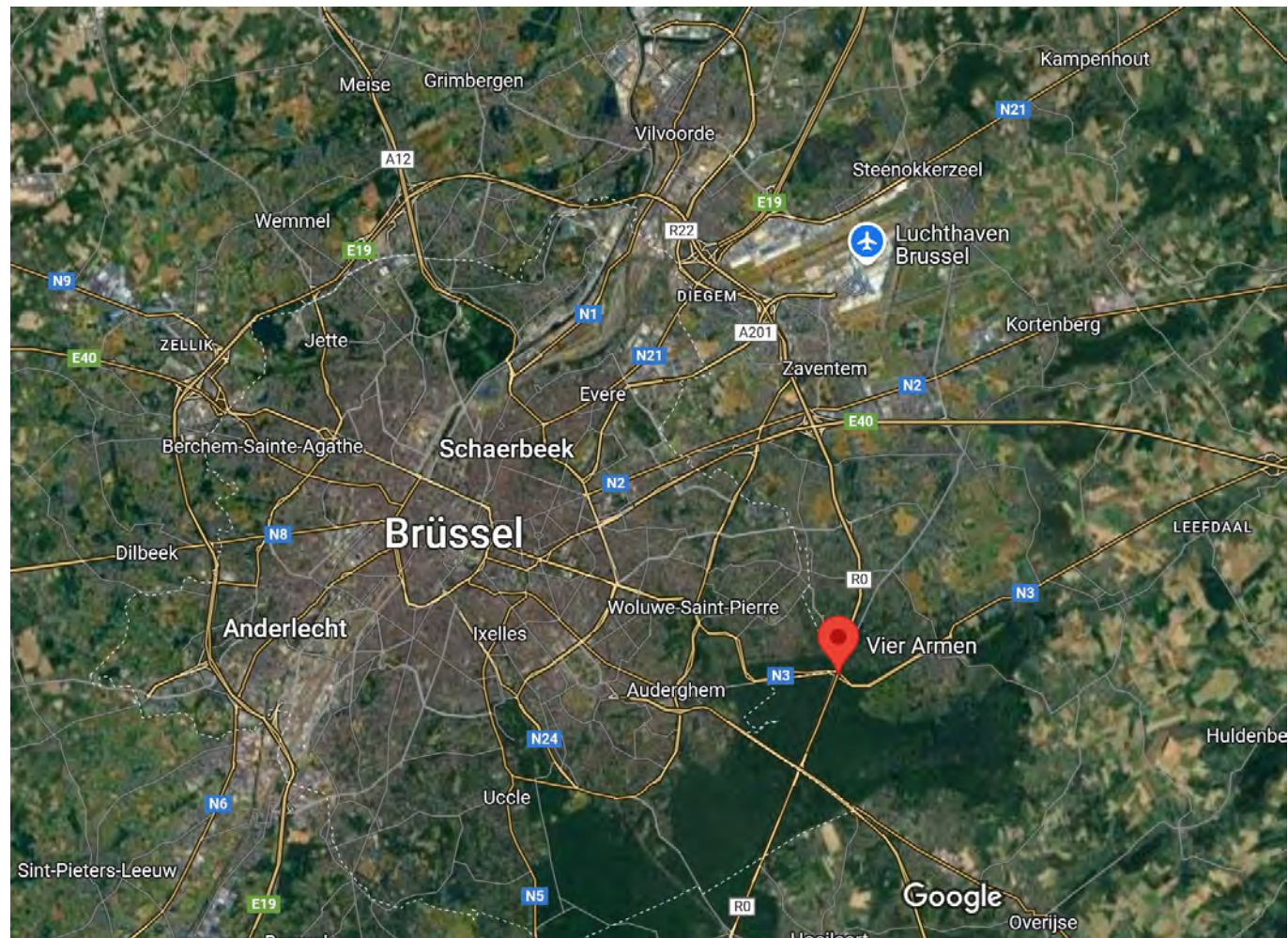
Standort im Südschwarzwald

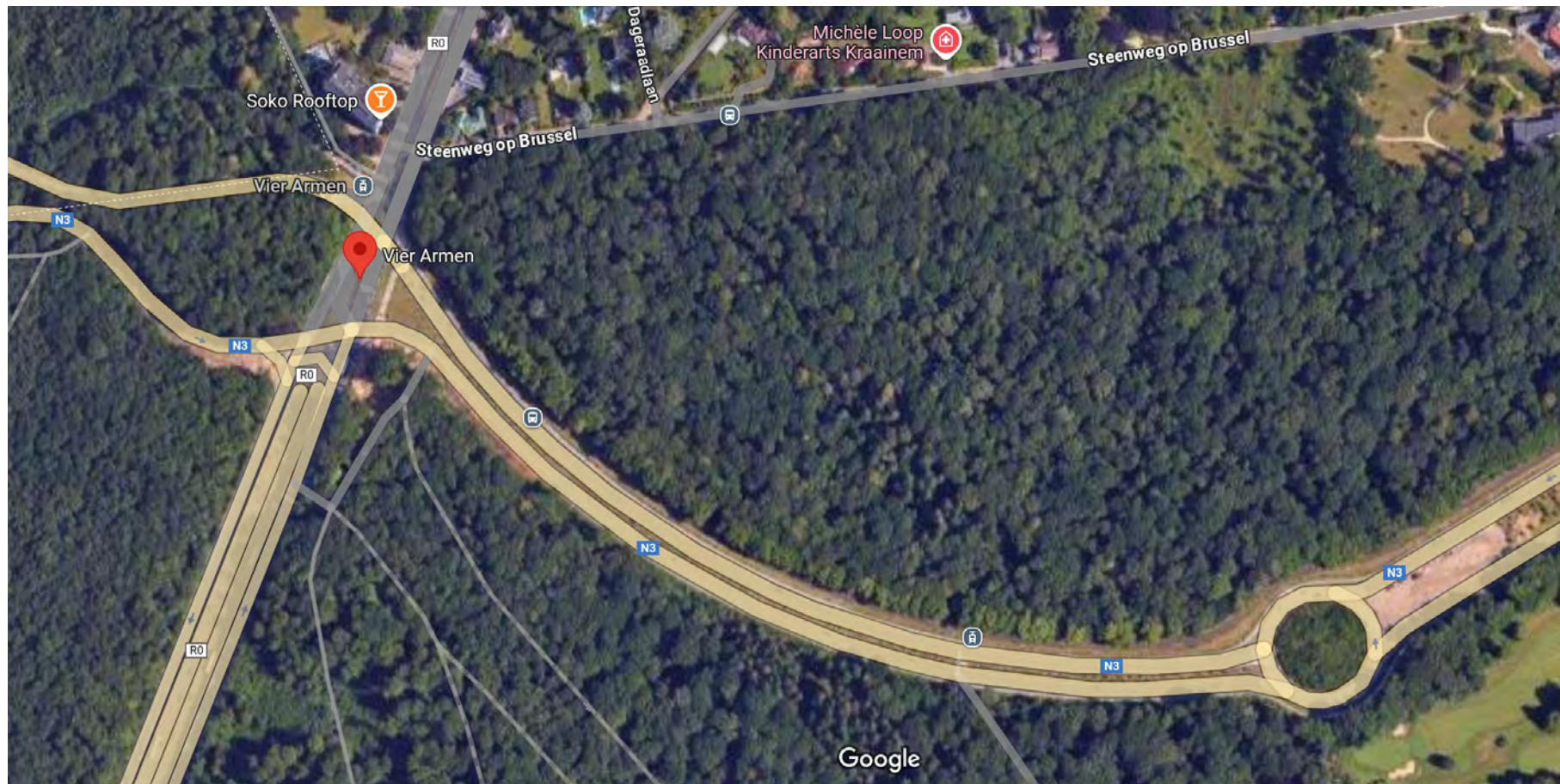


Südschwarzwald

Faszination Holzbrückenbau







Ankündigung der Ausschreibung und Bewerbungsverfahren 2021



Teambewerbung von Generalunternehmer mit einer Holzbaufirma

Es werden 3 Bewerber eingeladen ein Angebot abzugeben

Beauftragung von Team Viabuild (GU) und Holzbau Amann 2022

Ausführung 2023 und 2024

Entwurf



NEY & PARTNERS

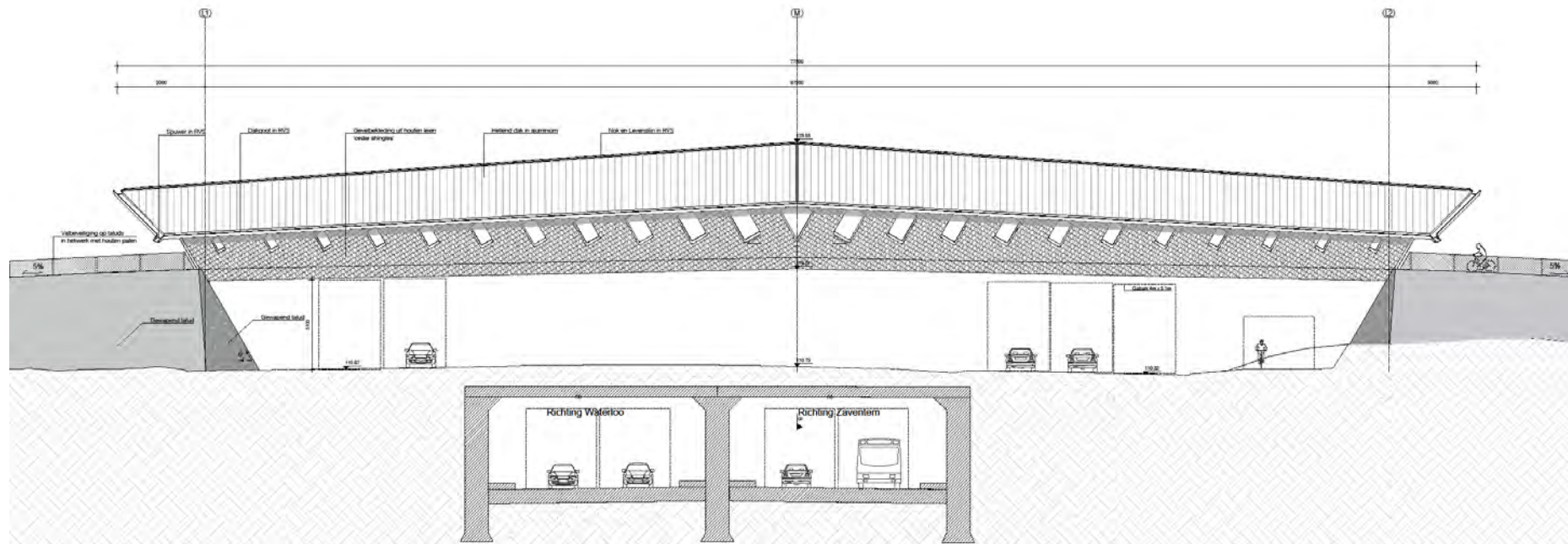
HQ Europe BE - 1170 Brussels, 181 chaussée de La Hulpe
Other branches in Luxembourg, Tokyo, Namur, Bordeaux, Delft, Hanoi

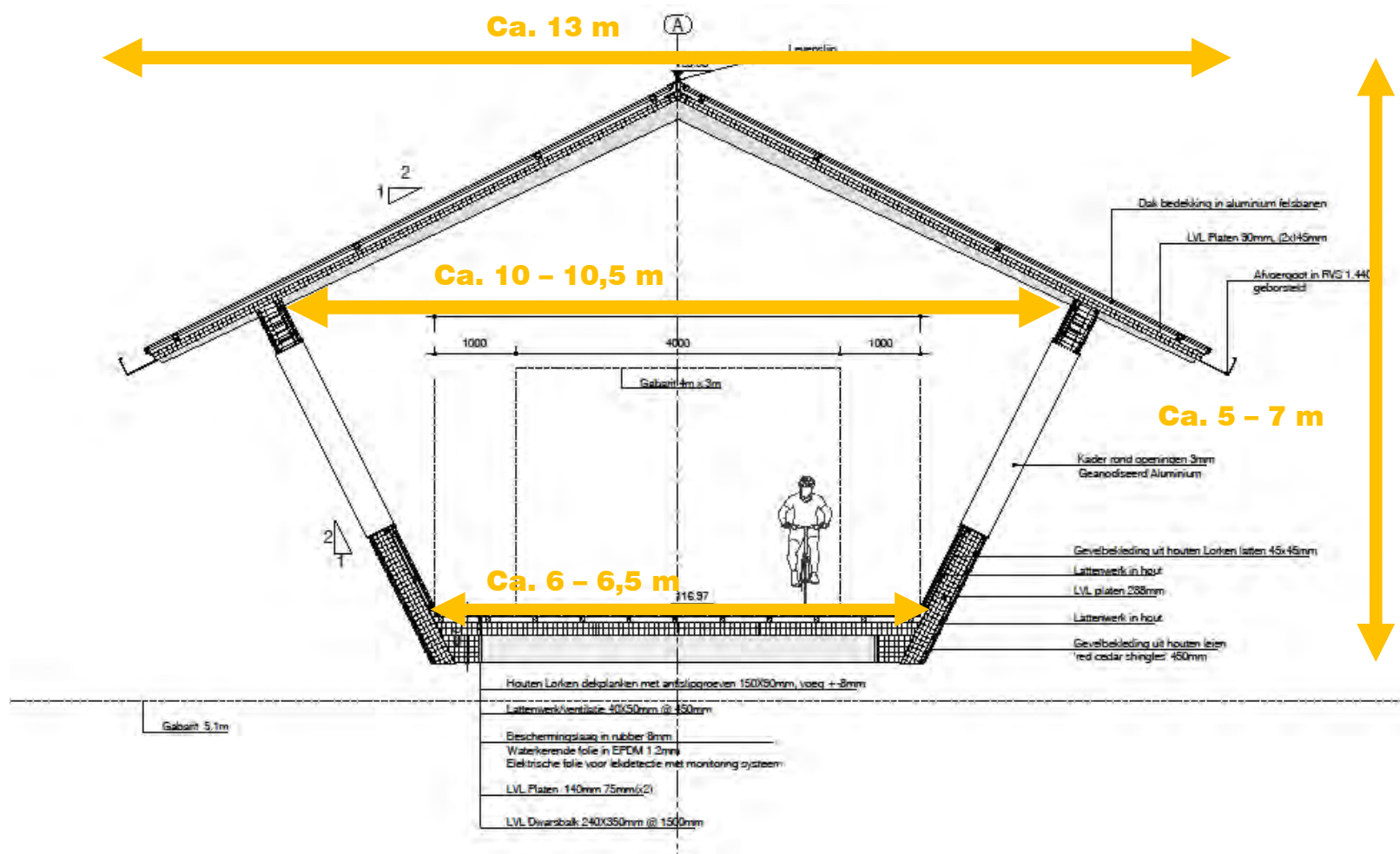
WOW
ENGINEERING





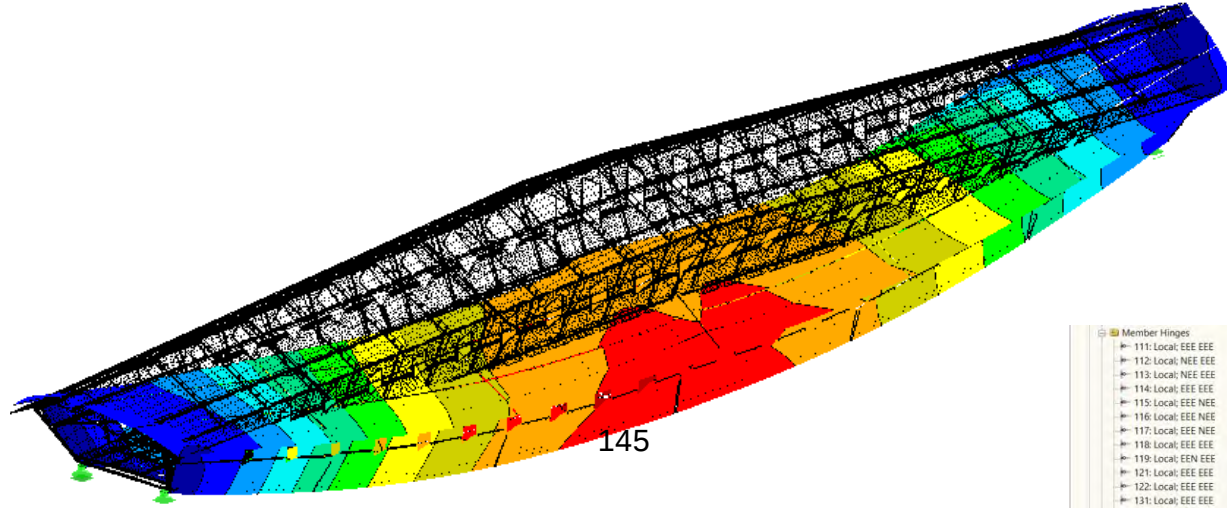




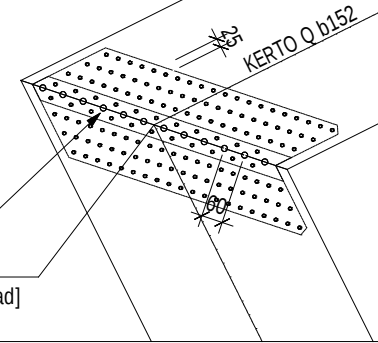


Architectural cross-section drawing of a house. The drawing shows a gabled roof with a central opening. The roof is labeled with dimensions and materials: "Lichtgewicht dakpannen in RVS 1,4x1,4", "Lichtgewicht dakpannen in RVS 1,4x1,4", "Lichtgewicht dakpannen in RVS 1,4x1,4", "Lichtgewicht dakpannen in RVS 1,4x1,4", "Lichtgewicht dakpannen in RVS 1,4x1,4". The central opening is labeled "Rijtuig 2,00 x 2,00". The drawing includes dimensions for the roof pitch (1:2), the central opening (2,00 x 2,00), and the overall height (3,00). The drawing also shows a person standing and a person riding a bicycle inside the central opening. The drawing is labeled with dimensions and materials: "Lichtgewicht dakpannen in RVS 1,4x1,4", "Lichtgewicht dakpannen in RVS 1,4x1,4", "Lichtgewicht dakpannen in RVS 1,4x1,4", "Lichtgewicht dakpannen in RVS 1,4x1,4", "Lichtgewicht dakpannen in RVS 1,4x1,4".

Detail 44.2 1:20



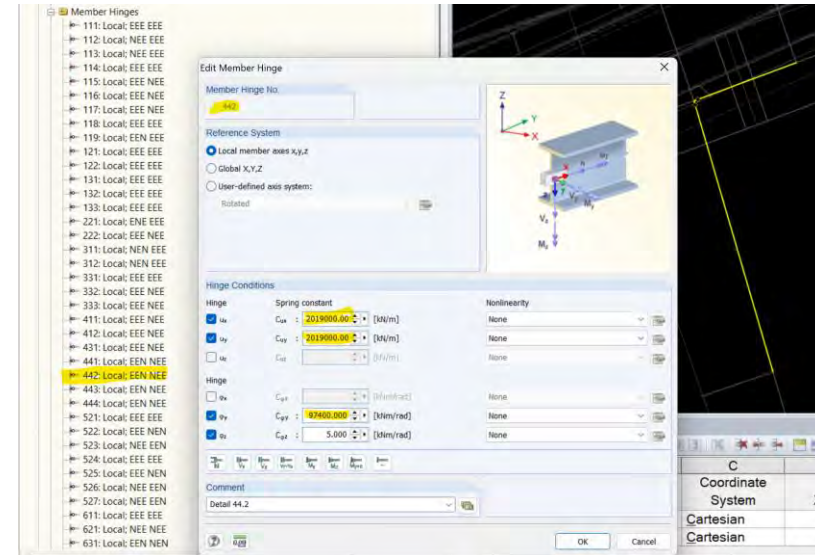
145



Plates overlapping

$K_{ser.lat} = 2'019'000 \text{ [kN/m]}$

$K_{ser.rot.y} = 97'400 \text{ [kNm/rad]}$

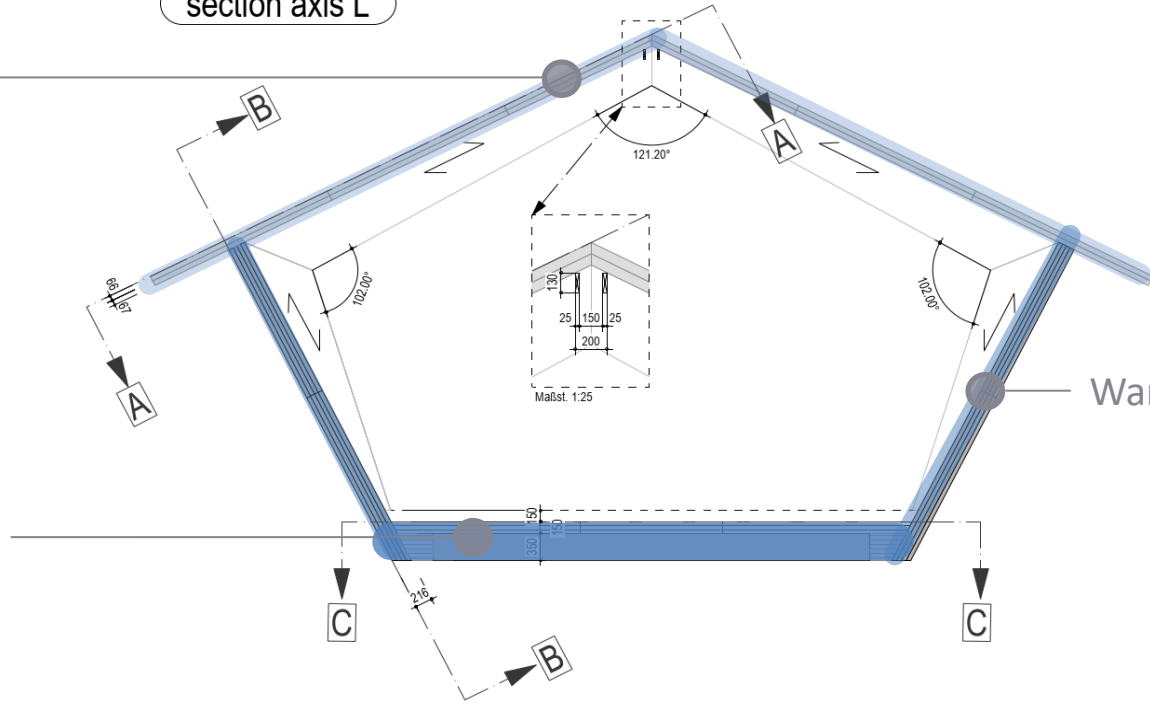


section axis L

Dachplatte: Druck

Bodenplatte: Zug

Wandplatte: Schub



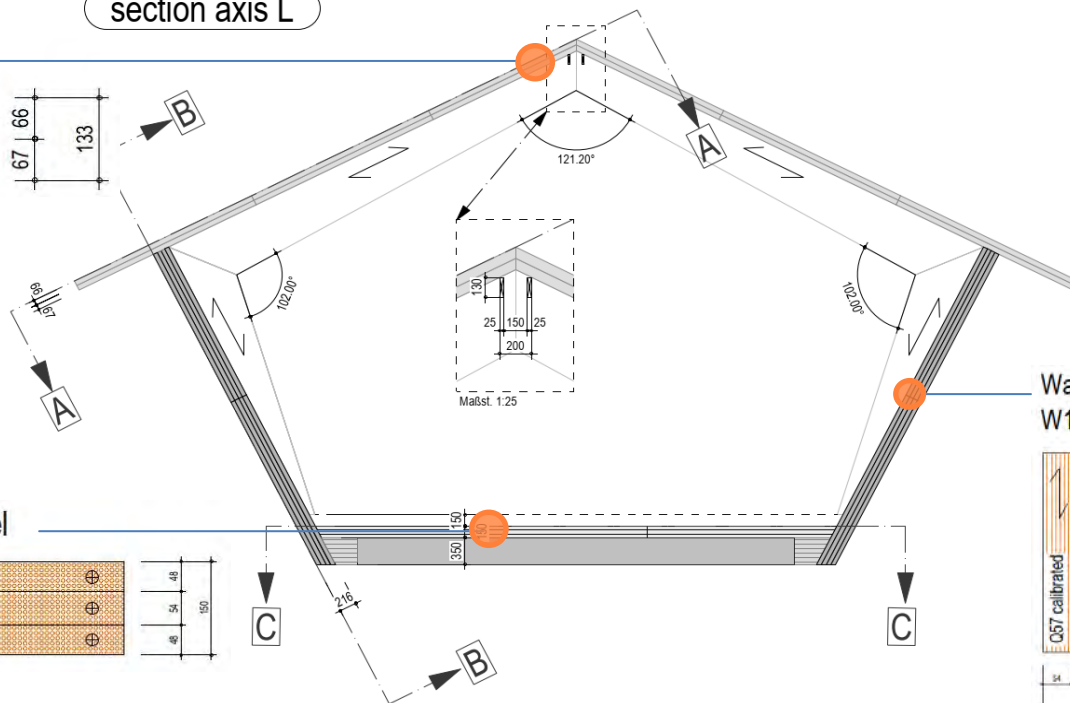
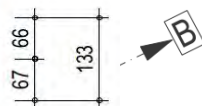
GLVL panels



section axis L

Roof panel

Q69 calibrated	⊕
Q69 sanded	⊕



Deck panel

Q51 calibrated	⊕
Q57 calibrated	⊕
Q51 calibrated	⊕



Wall panel
W1+W3+W4

Q57 calibrated	⊕
Q57 calibrated	⊕
Q57 calibrated	⊕
Q57 calibrated	⊕

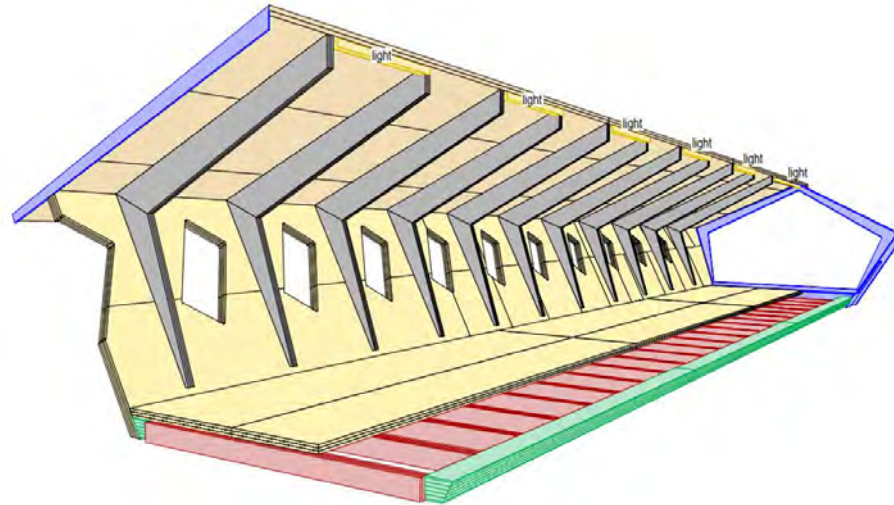
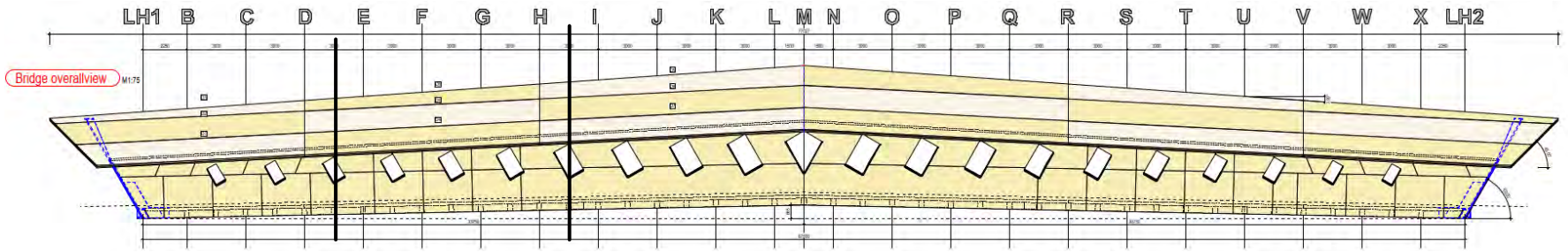
Wall panel
W2 top layer 20°

Q57 calibrated	⊕
Q57 calibrated	⊕
Q57 calibrated	⊕
Q57 calibrated	⊕

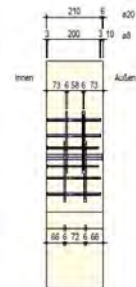
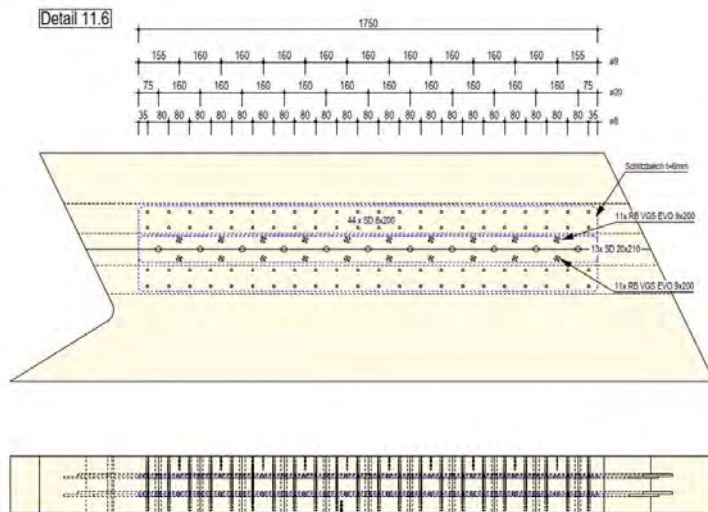
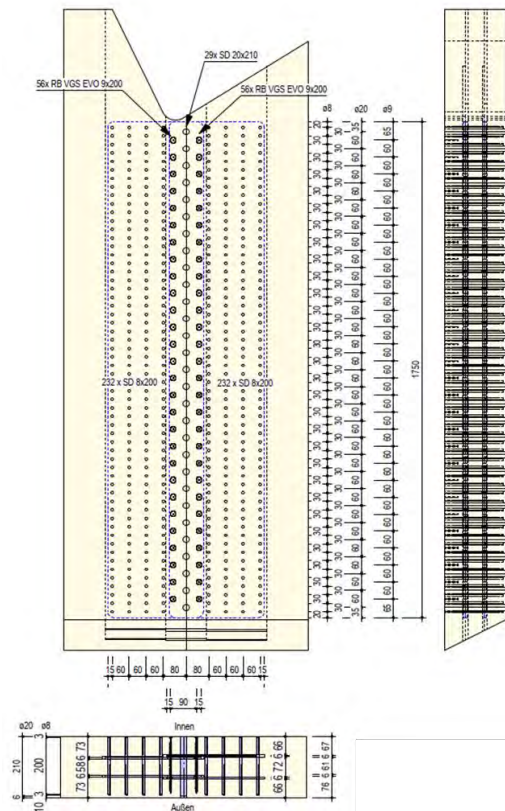
Wall panel
W5+W6

Q57 calibrated	⊕
Q57 calibrated	⊕
Q57 calibrated	⊕
Q57 calibrated	⊕

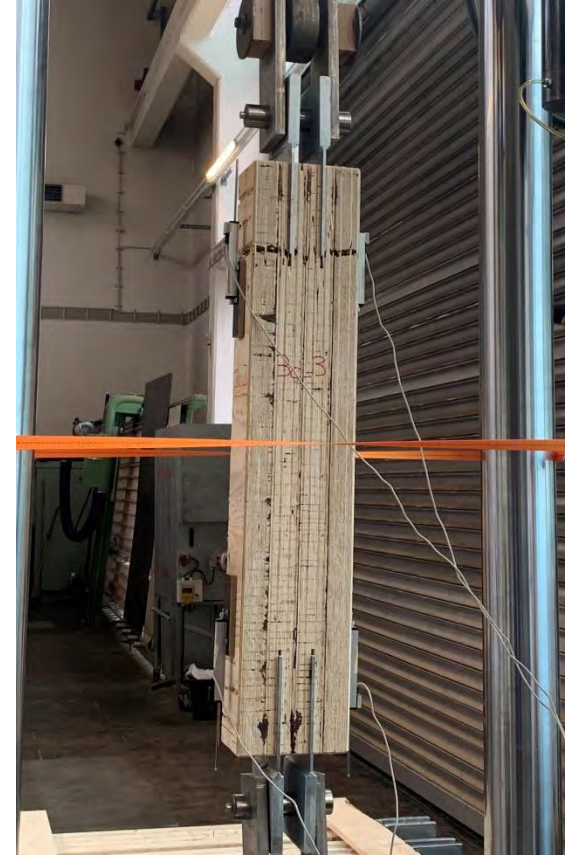
Elementierung



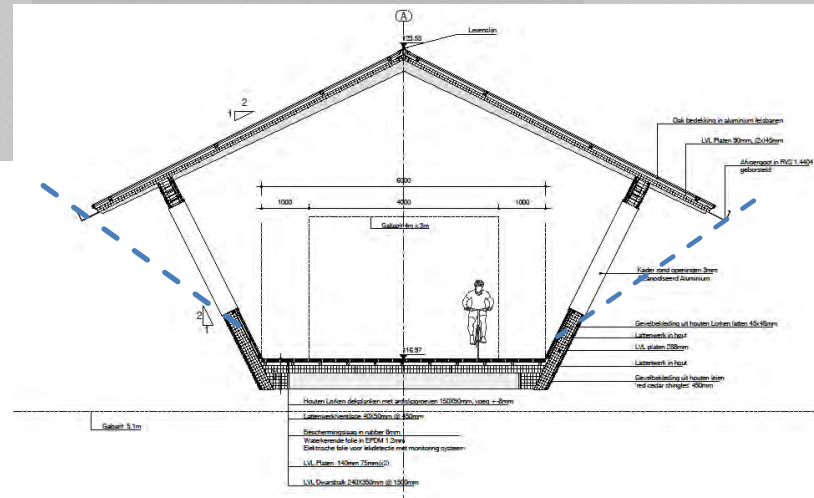
Verbindungen



Versuche bei der FMFA Stuttgart



The architectural drawing shows a building facade with a curved roof. The roof is covered with solar panels, which are arranged in a grid pattern. The building has a modern, industrial look with large windows and a flat roof. The drawing includes a detailed cross-section of the roof, showing the structure of the solar panels and the underlying roof. The cross-section is labeled with 'A' and 'B' and shows the roof's slope and the placement of the solar panels. The drawing also includes a small diagram of a solar panel with a 45-degree angle, indicating the optimal tilt for solar energy collection. The overall design is functional and sustainable, integrating renewable energy into the building's structure.



Messsysteme

Roof top and above gutter

→ linear stripes



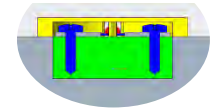
Under waterproofing
bridge deck
→ membrane



Inclinometers at the supports



Moisture content pins























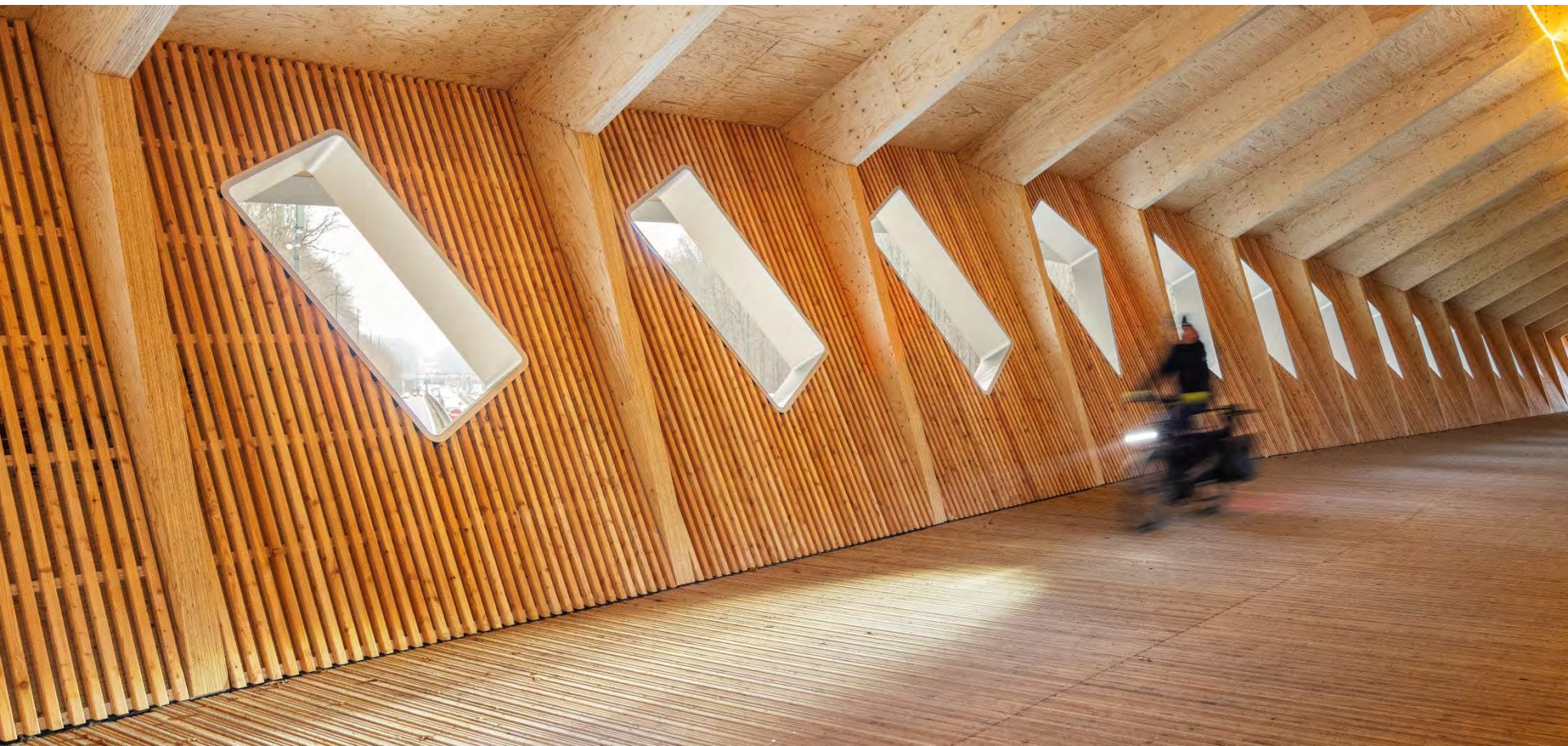












Vielen Dank für Ihre Aufmerksamkeit

Mit Holz auf dem richtigen Weg



www.holzbau-amann.de