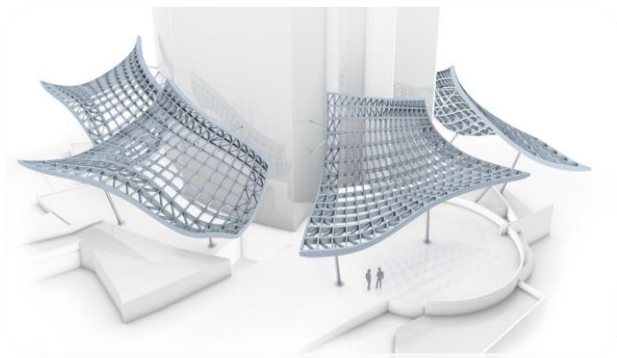
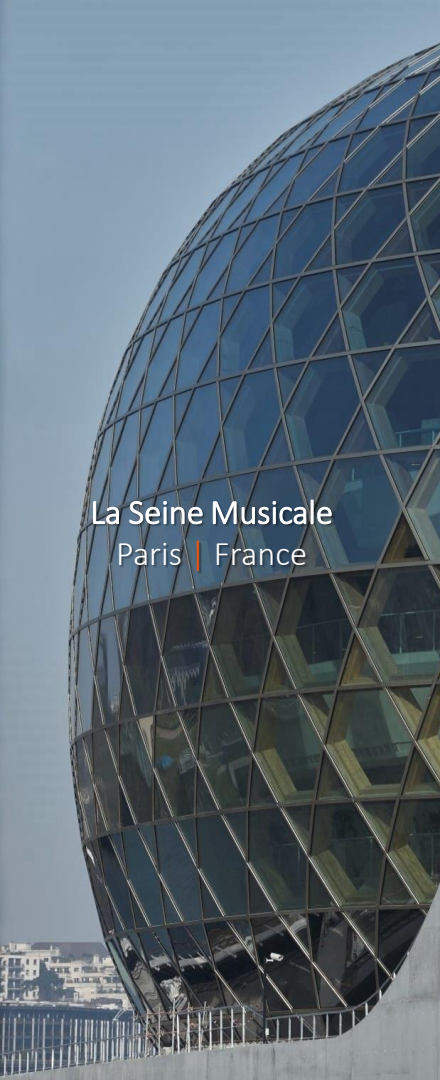




Über die hölzernen Blüten des D1-Towers | Dubai



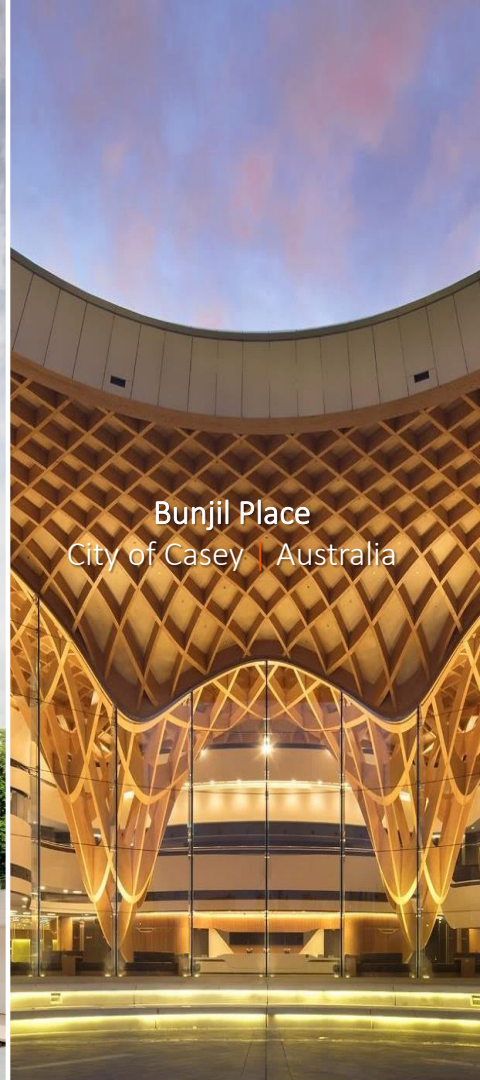
King Abdulaziz Center of World Culture | Saudi Arabien



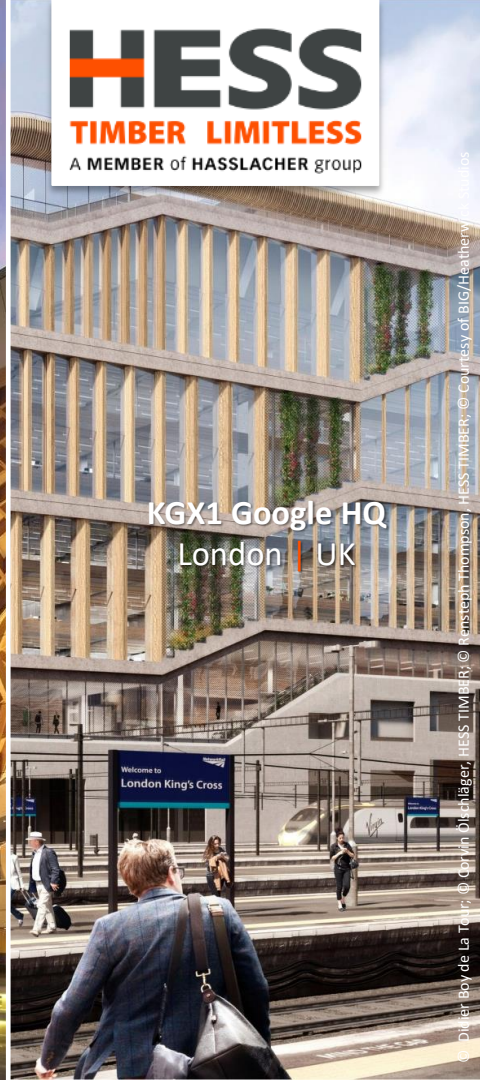
La Seine Musicale
Paris | France



Museum Fondation Louis
Vuitton
Paris | France



Bunjil Place
City of Casey | Australia



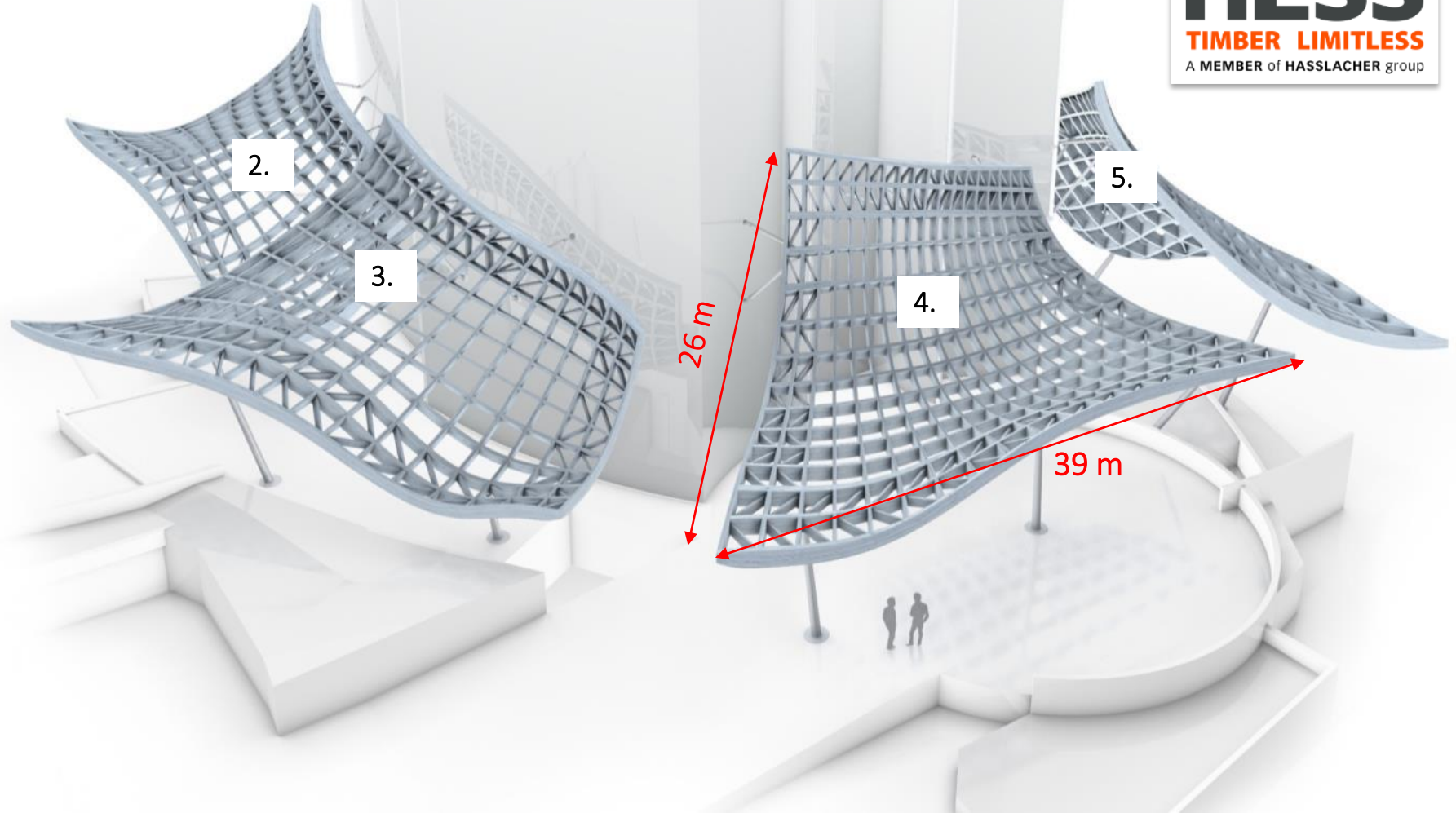
KGX1 Google HQ
London | UK

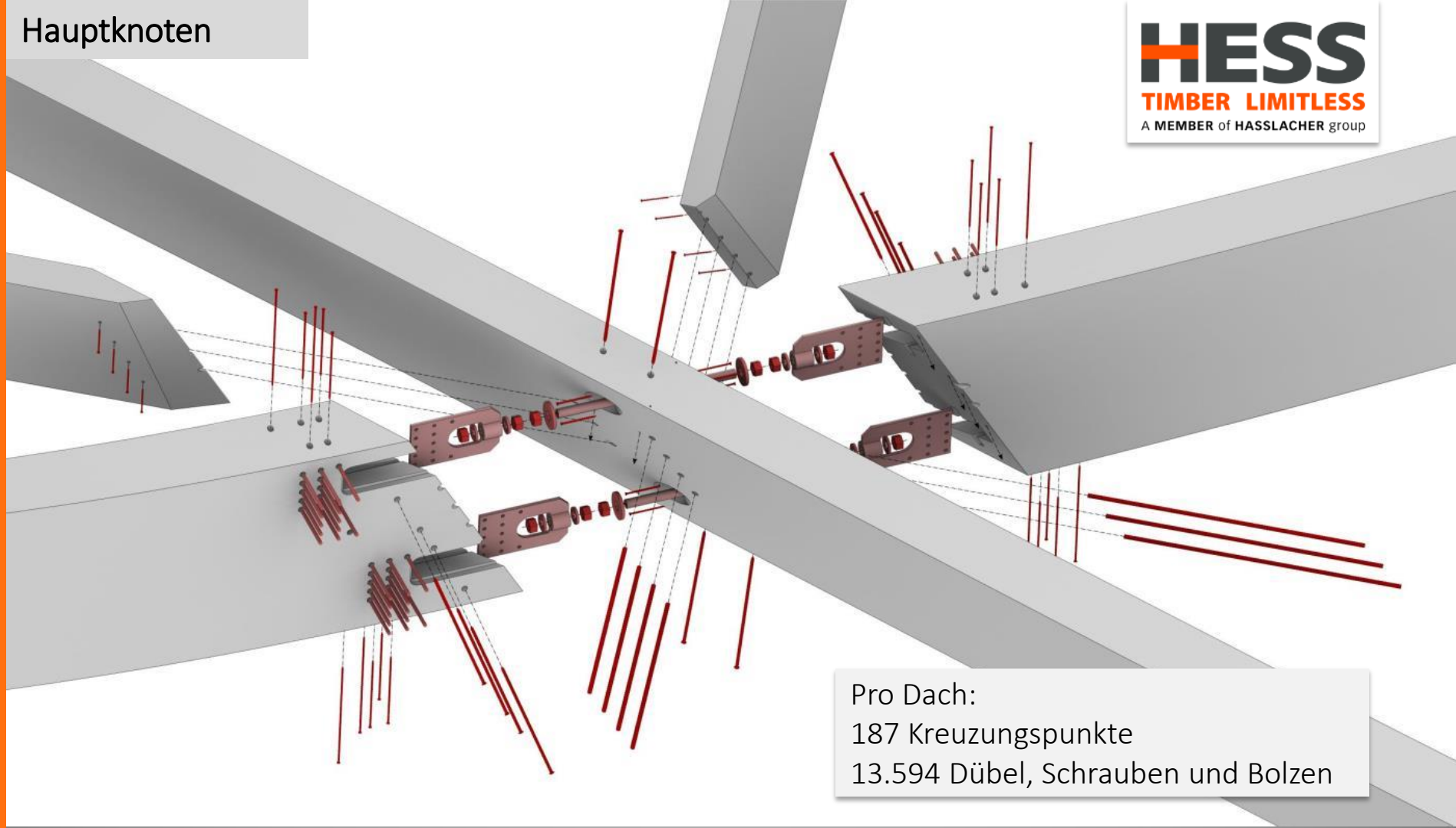
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Stand: Oktober 2011

The image is an aerial photograph of a tall skyscraper under construction in Dubai. The building has a distinctive twisted, cylindrical shape. Red arrows are drawn on the upper part of the building, pointing upwards and outwards, indicating the progress of timber construction. In the background, the Dubai skyline is visible, including the Burj Khalifa. The foreground shows a large highway and surrounding urban development.



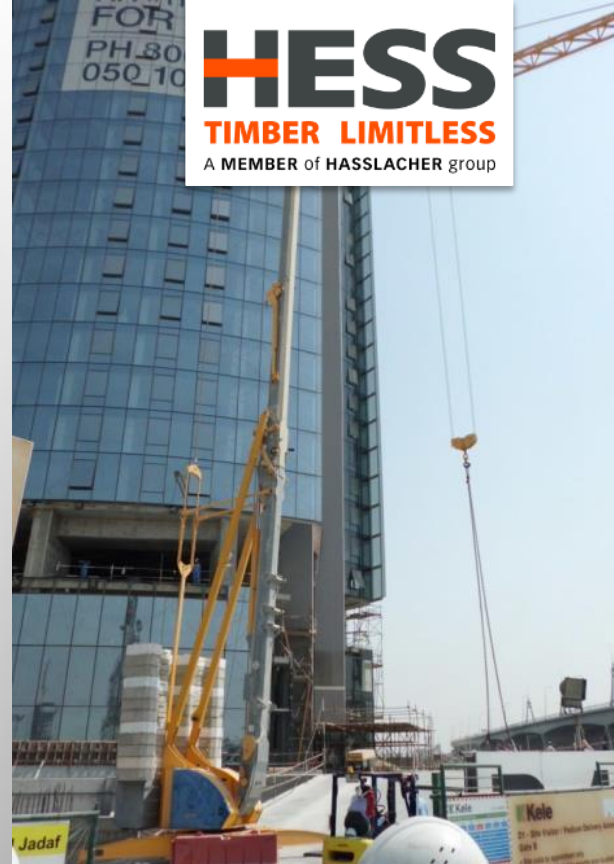


Pro Dach:
187 Kreuzungspunkte
13.594 Dübel, Schrauben und Bolzen



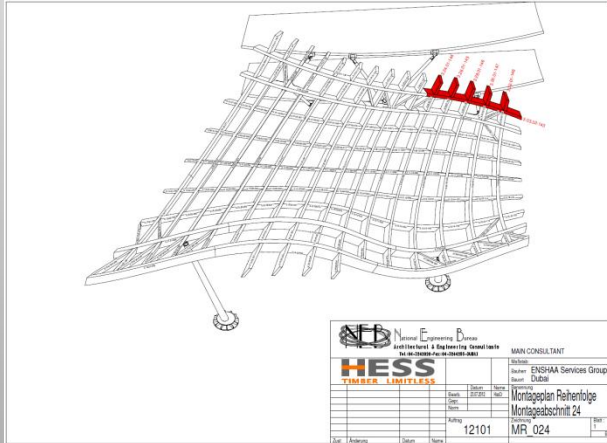
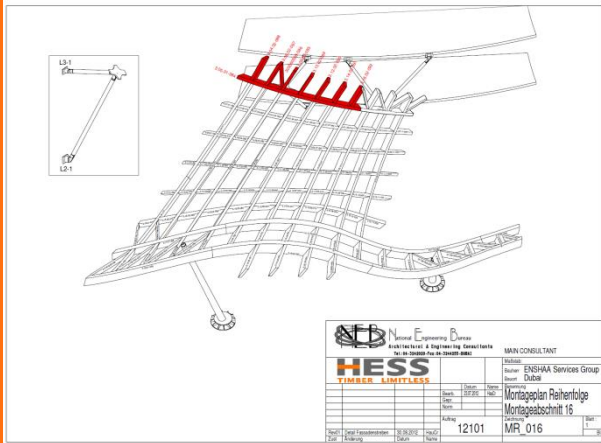
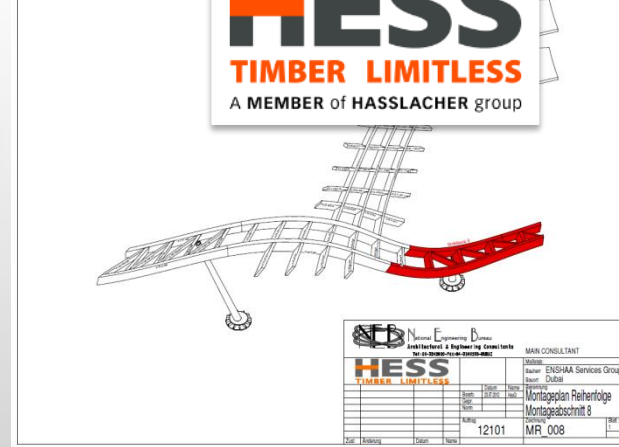
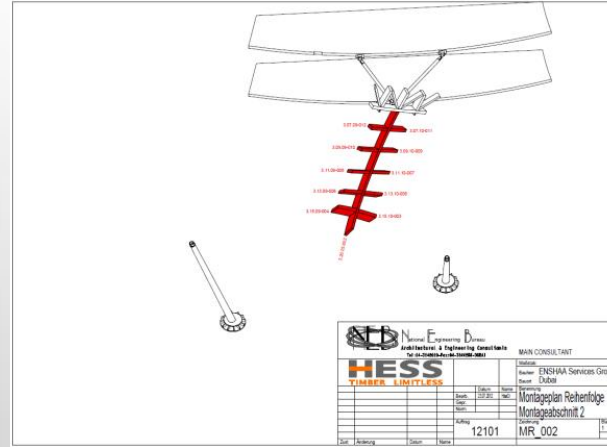
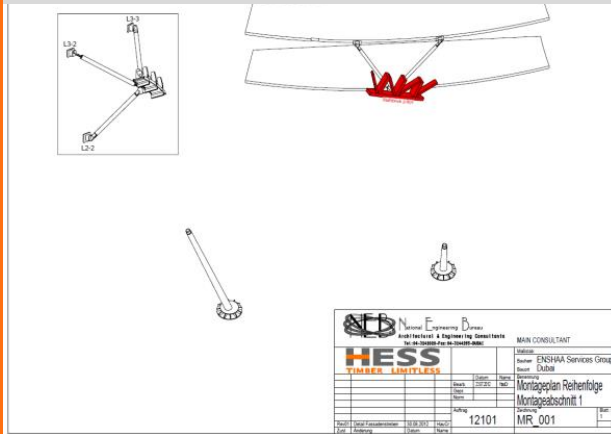


Einrichten auf der Baustelle



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Reihenfolge Montage



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Montage der Fassadenstreben

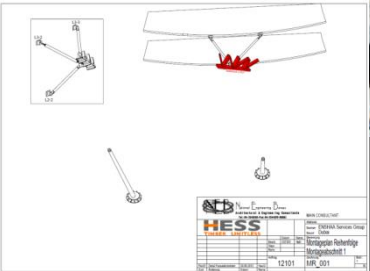
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Einheben des verkleideten Stahlbocks



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Drei Hauptträger inkl. Nebenträgern

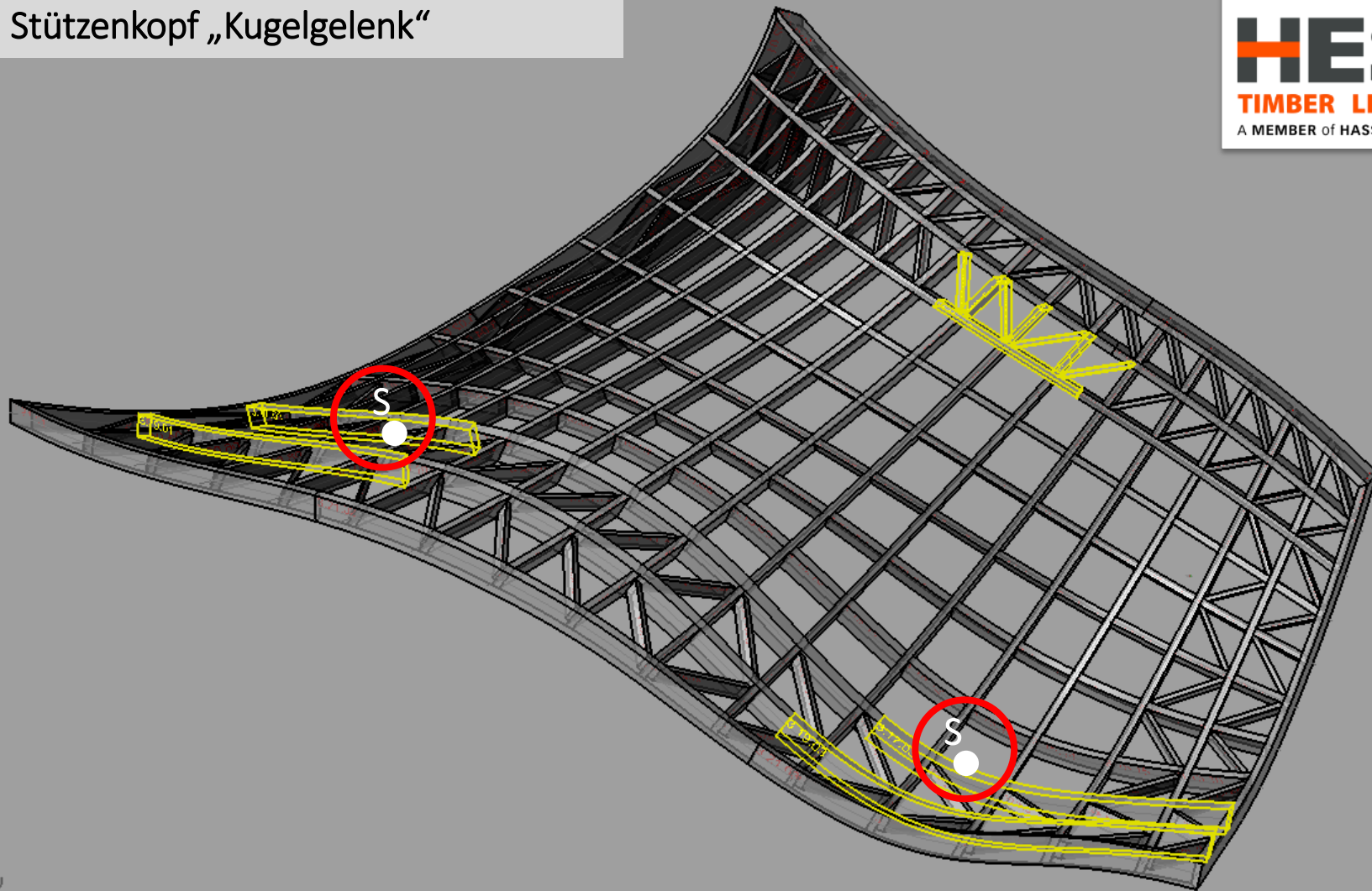
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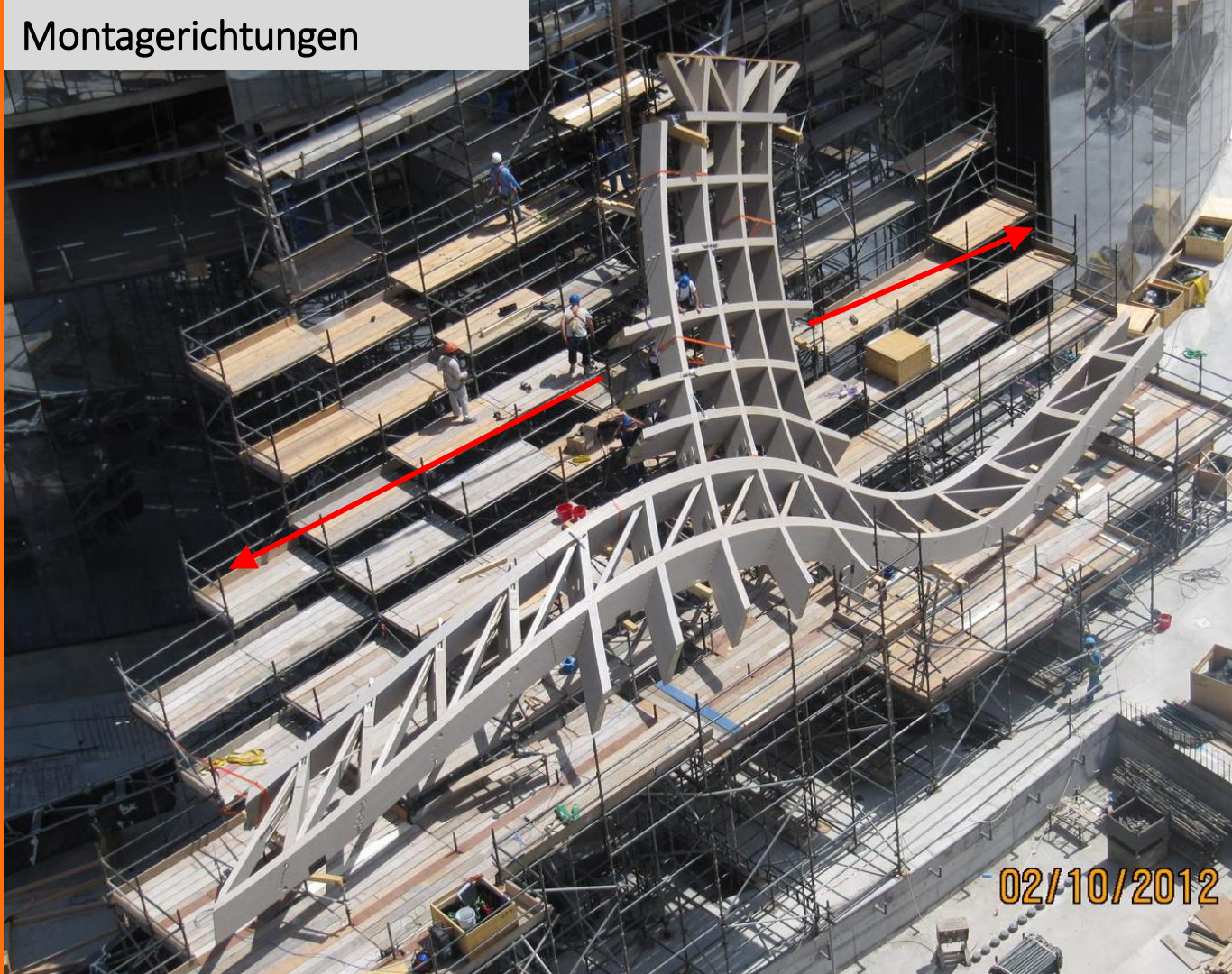
Stützenkopf „Kugelgelenk“



Stützenkopf „Kugelgelenk“

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02/10/2012



Dach 2: ...fast fertig!

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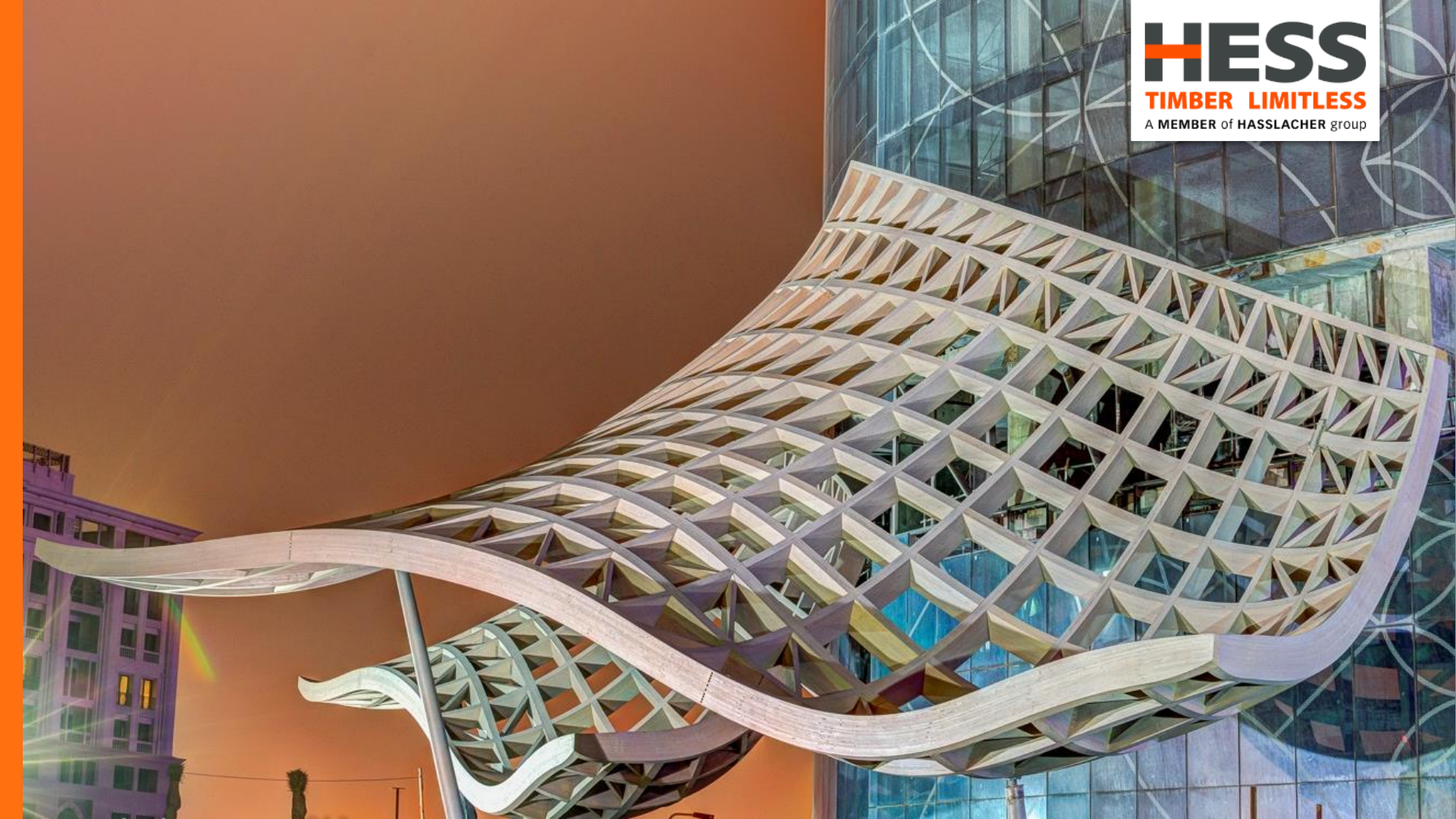
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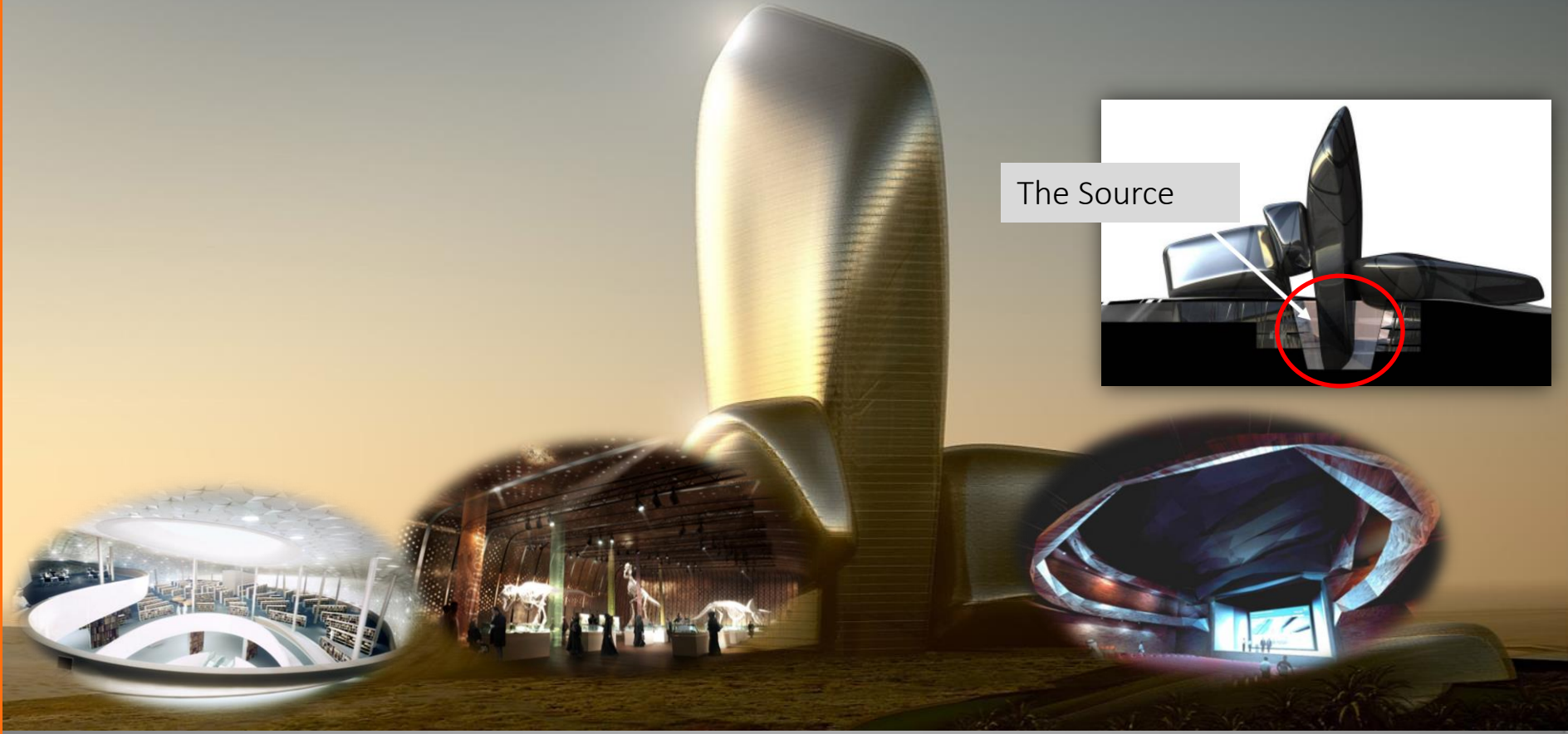
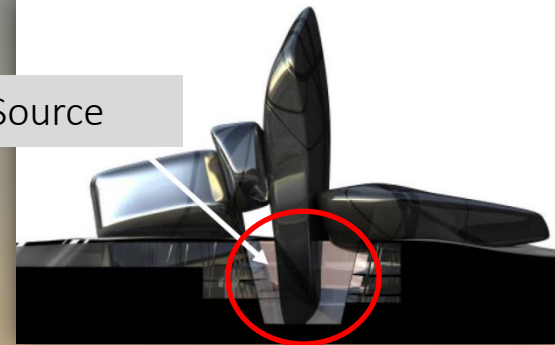
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The Source

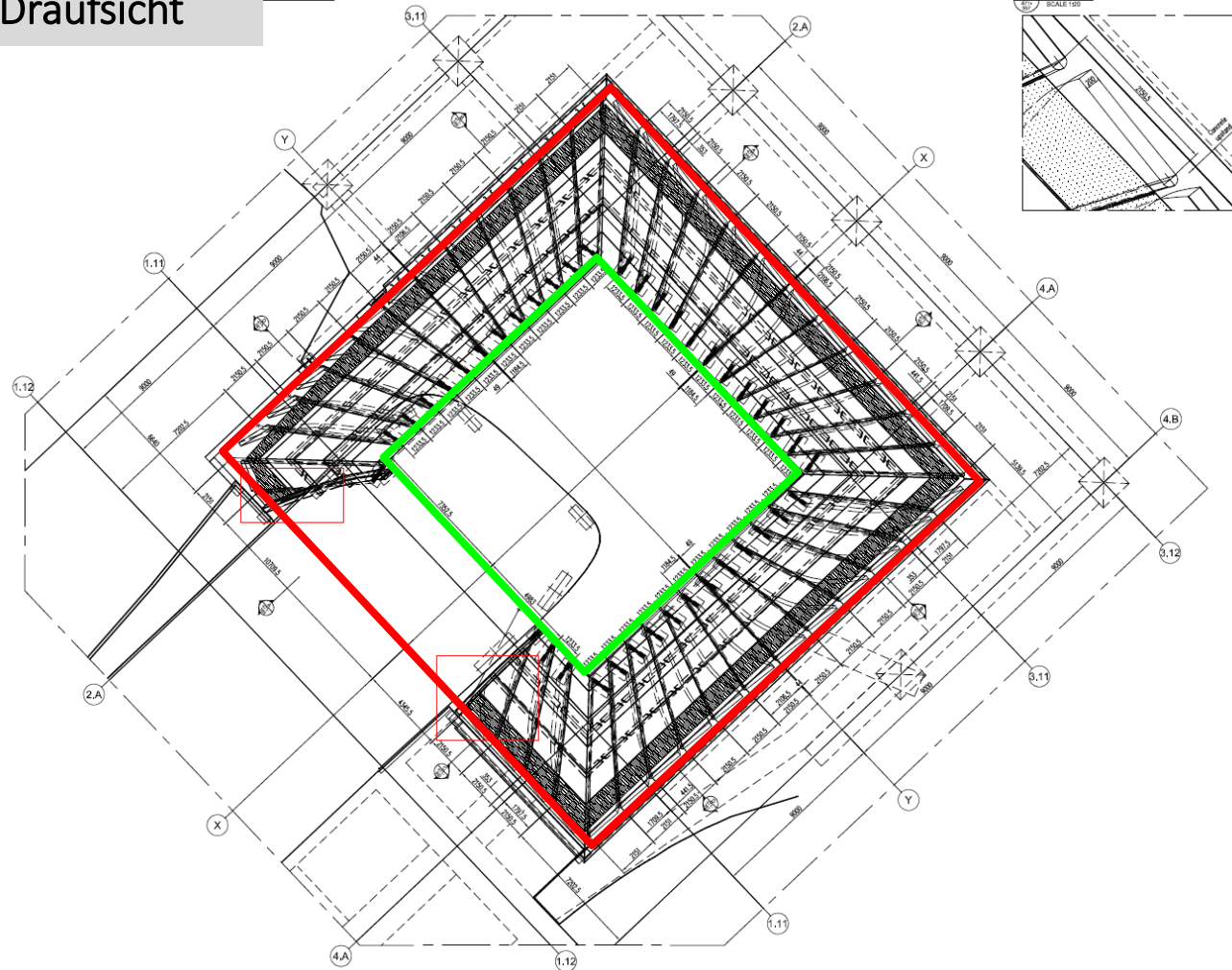




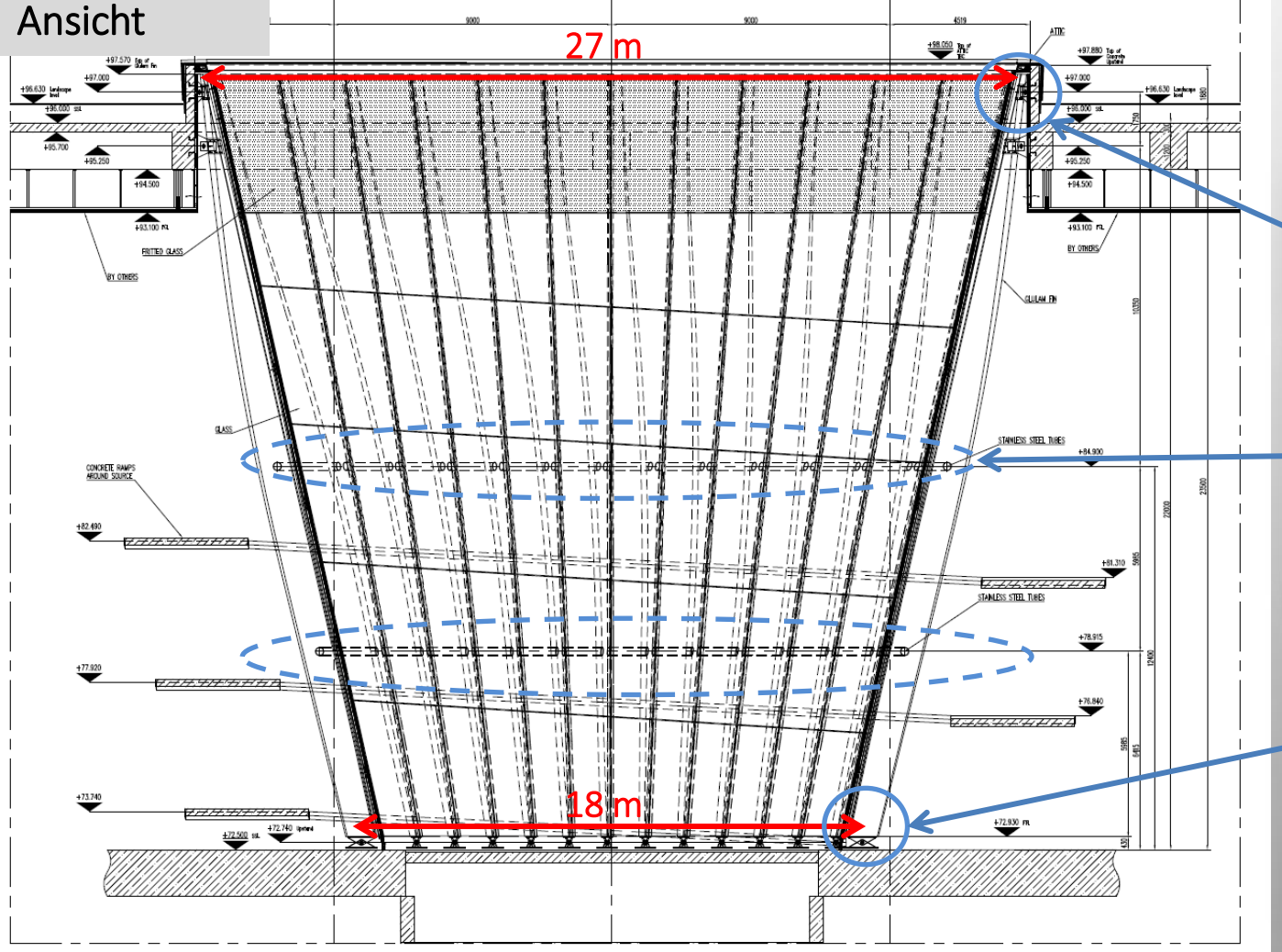
SNØHETTA

Draufsicht

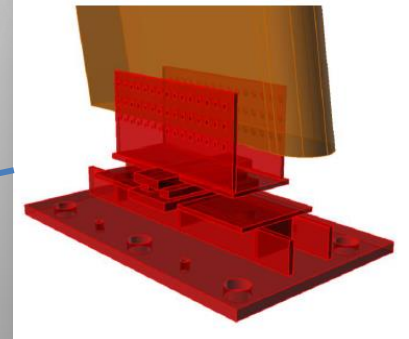
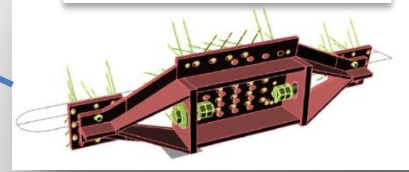
ce without anis



Ansicht



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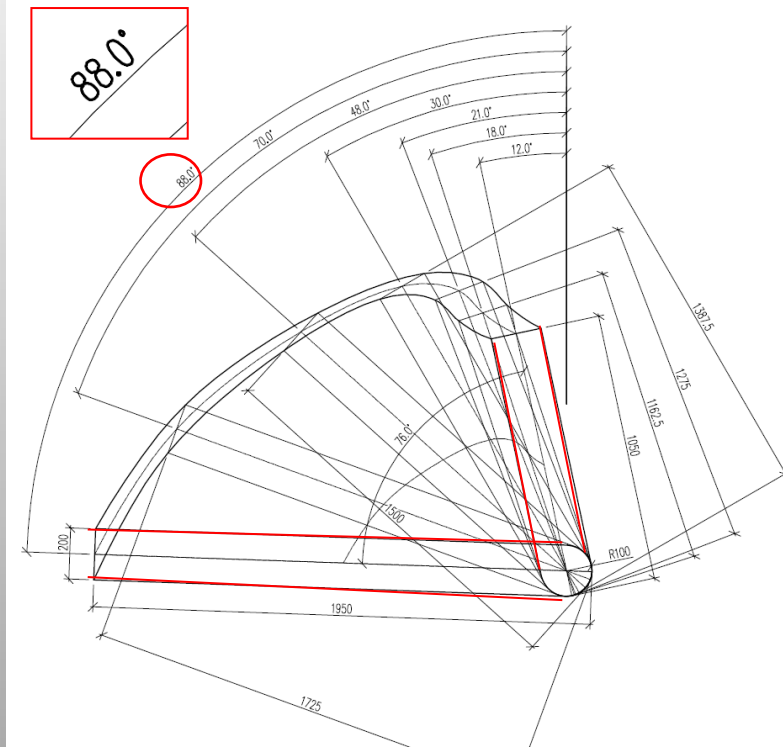
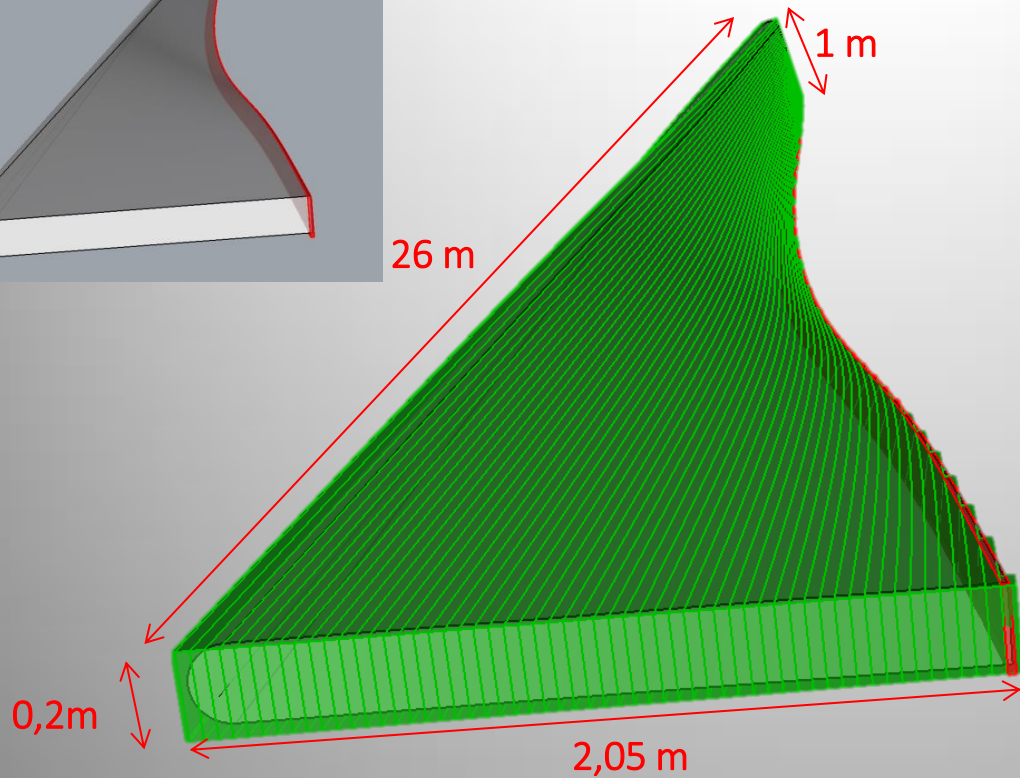


Fassade

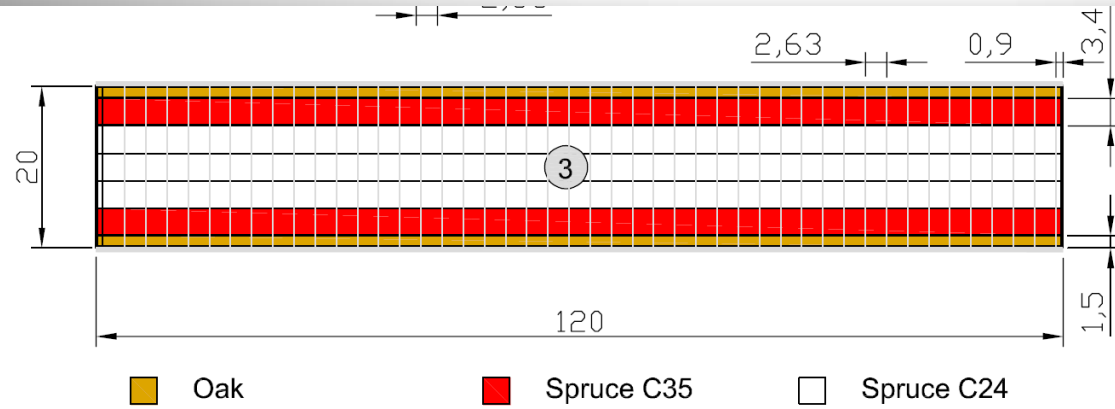


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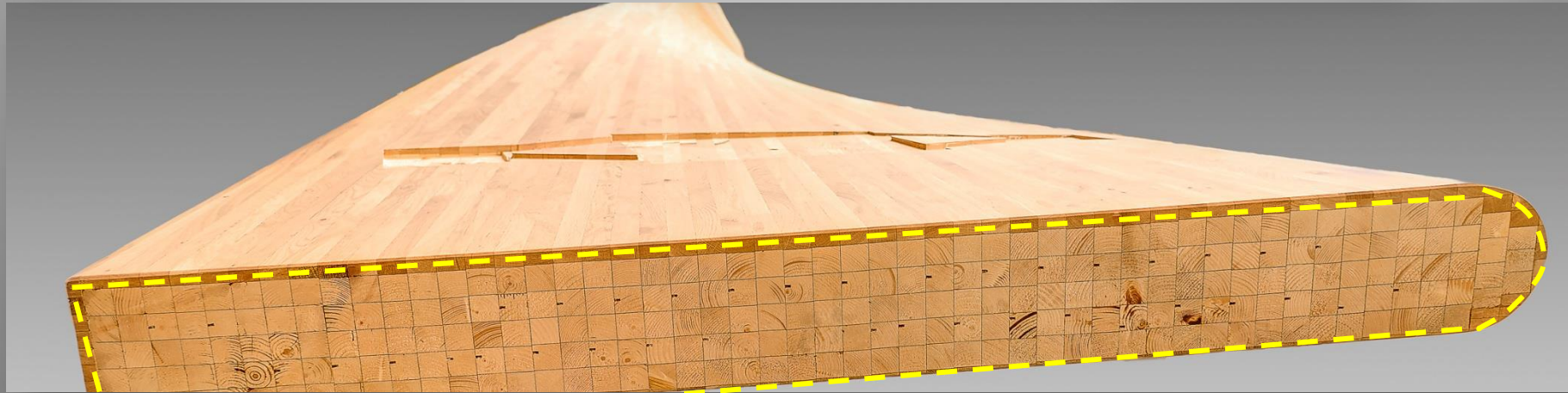




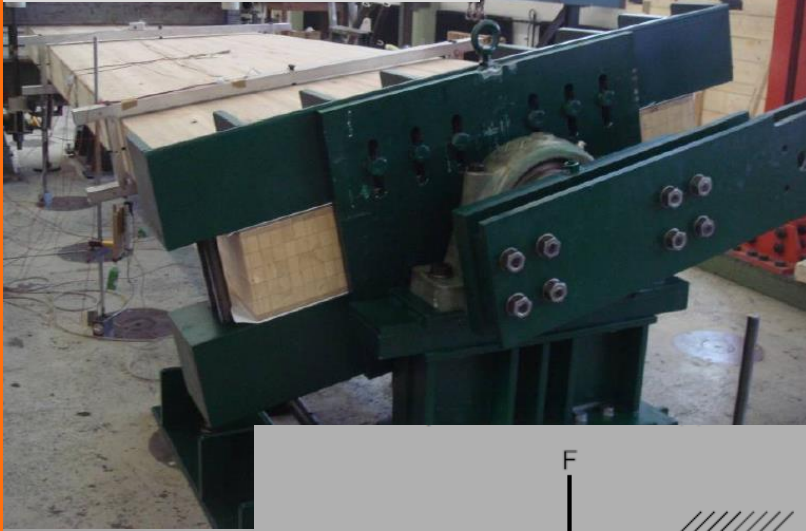
BSH HYBRID Aufbau



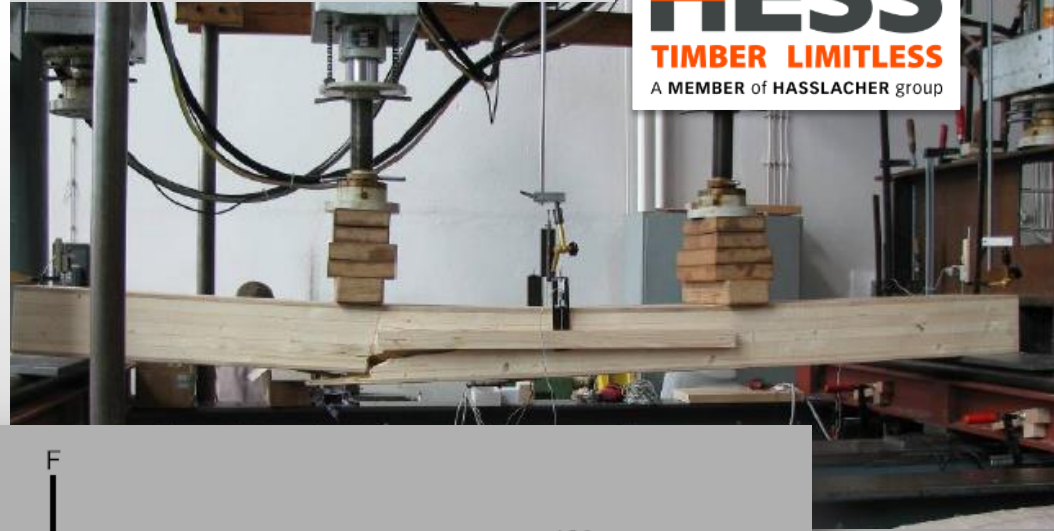
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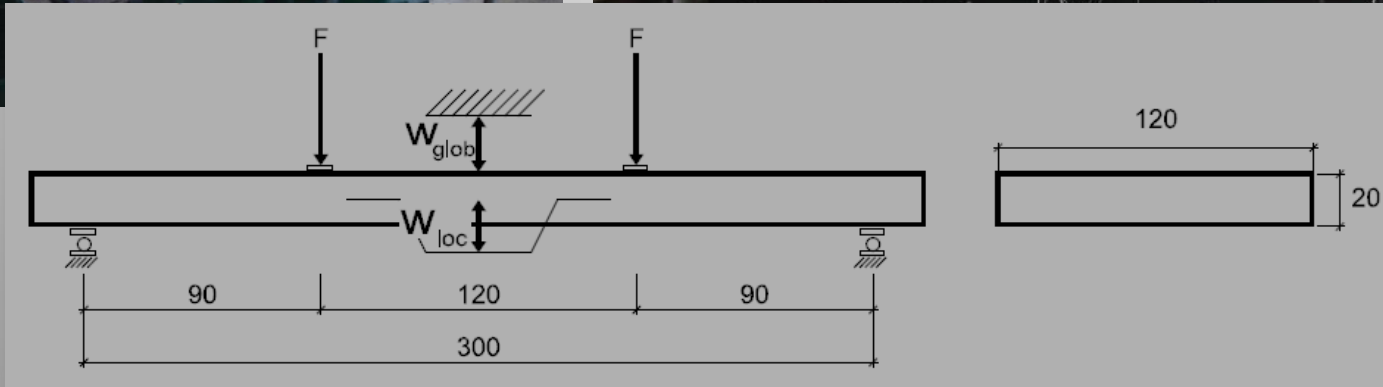
Torsionsversuch



Flachkant-Biegeversuch



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Ziel: Bestimmung der realen Steifigkeit für den kombinierten Fichte/Eiche Aufbau.
Der konservative Ansatz aus der Norm hätte zu deutlich höheren Dimensionen geführt.

42.0 N/mm², 50.8 N/mm² and 51.5 N/mm²

$$f_{m,\text{mean}} = 48.1 \text{ N/mm}^2$$

BSH HYBRID

1. Rohlinge leimen

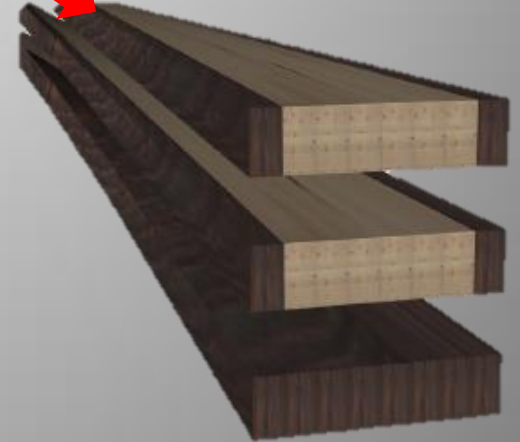


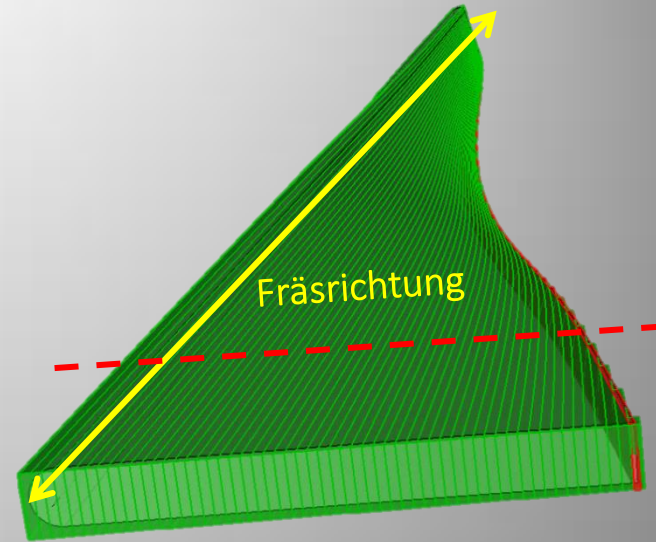
2. Auftrennen



BSH HYBRID

3. Verleimen





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From wood

to wonders.