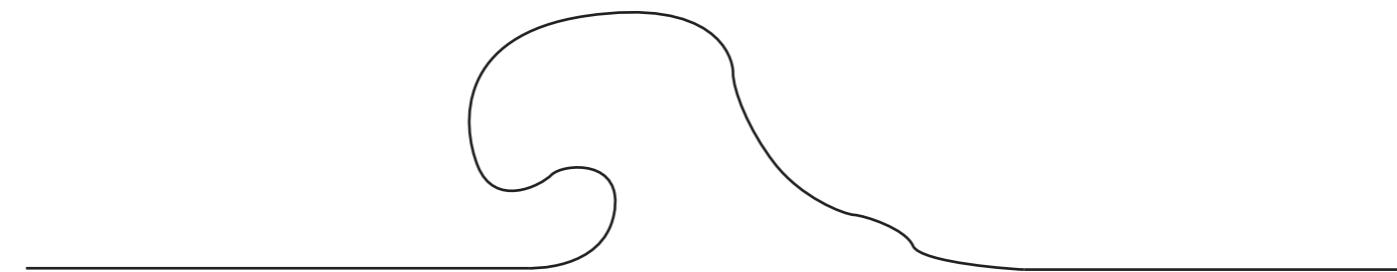




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# THE WAVE HUB

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What do we want?



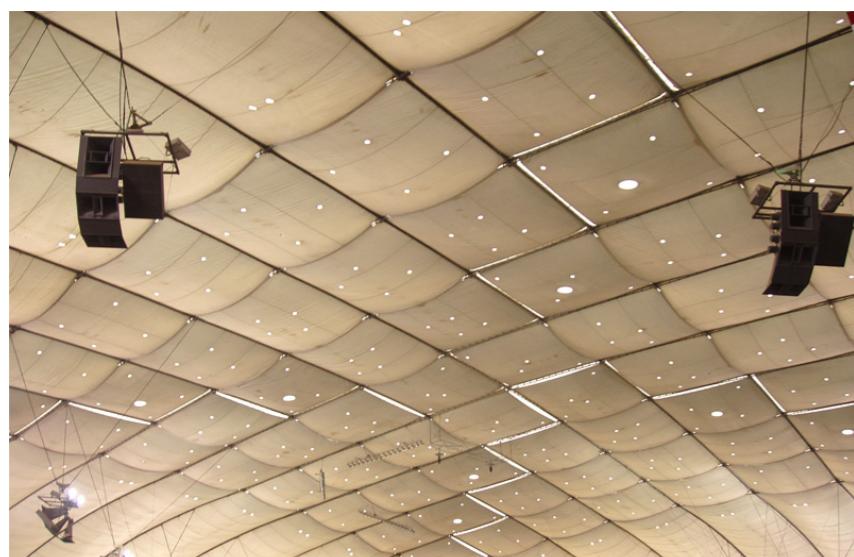
Wave shaped structure



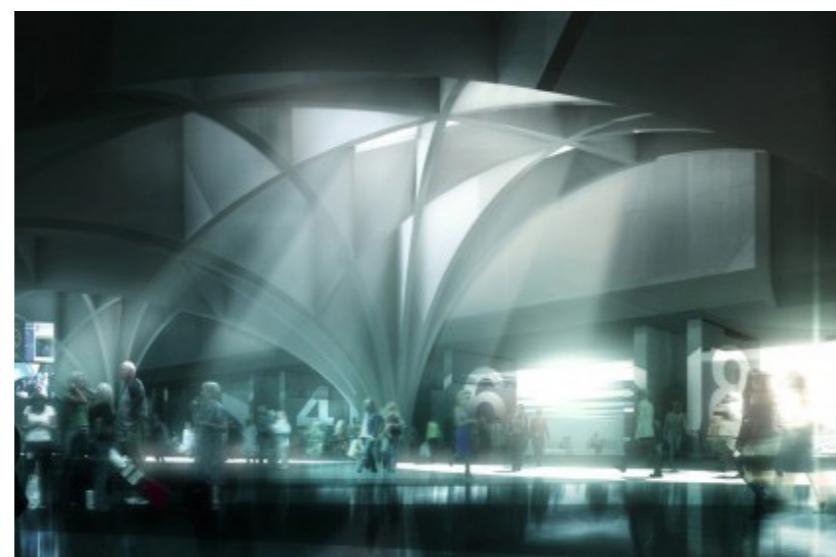
Add curving in a 3<sup>rd</sup> dimension



Break with the smooth curve by panelization



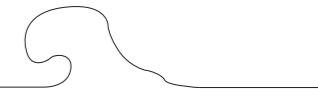
Fabric span between the ribs



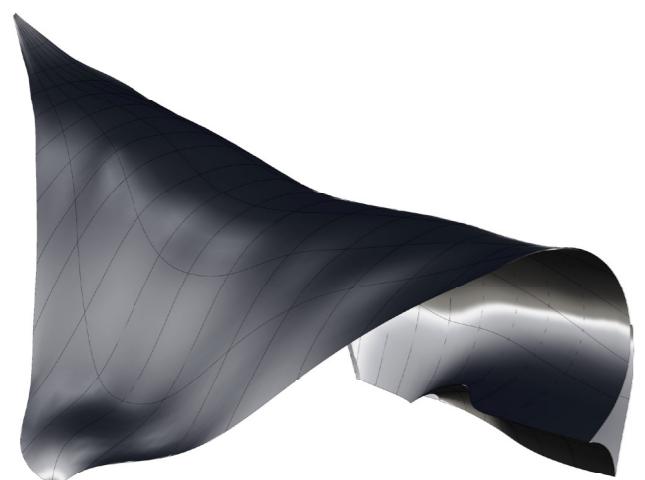
Irregular light admittance



Functions as a social HUB



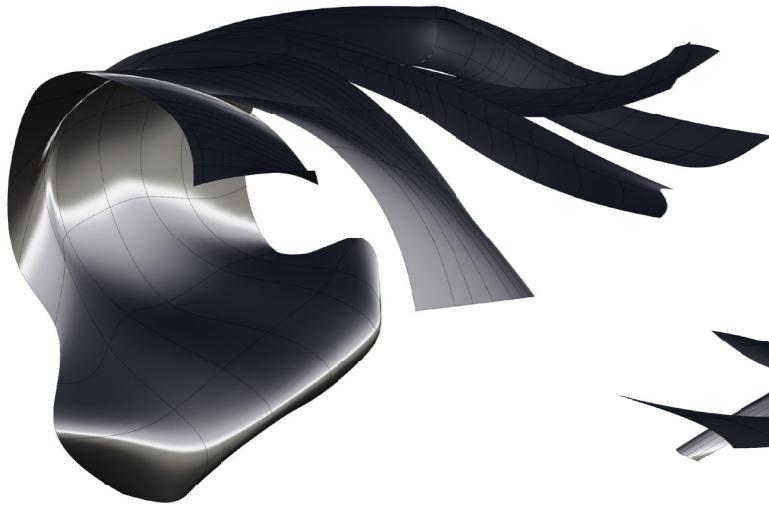
### Form finding



Variant 1



Variant 2

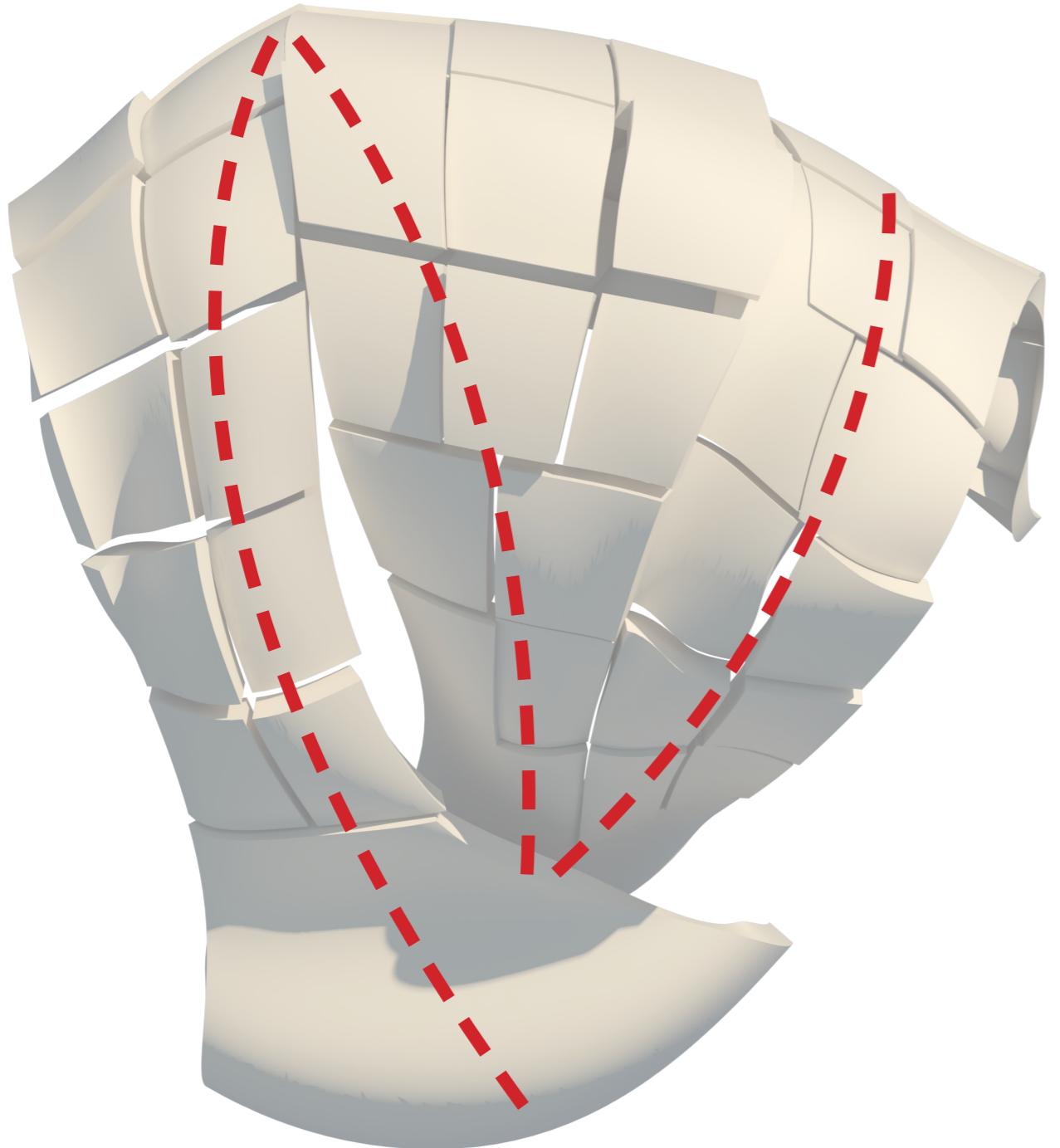


Variant 3

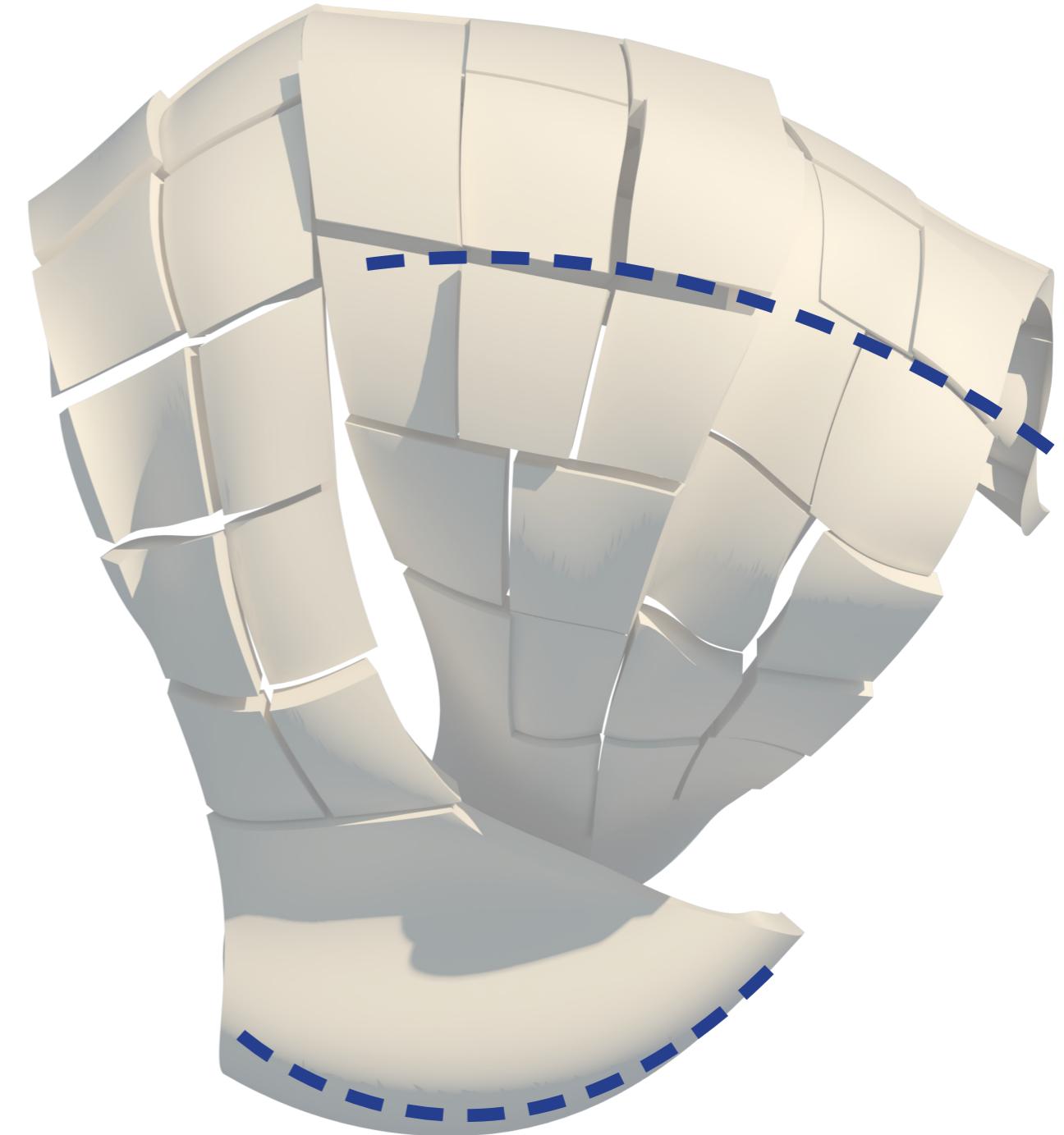


Variant 4

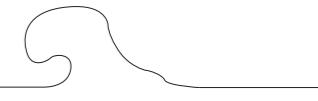
### Base curvatures



Connection between segments



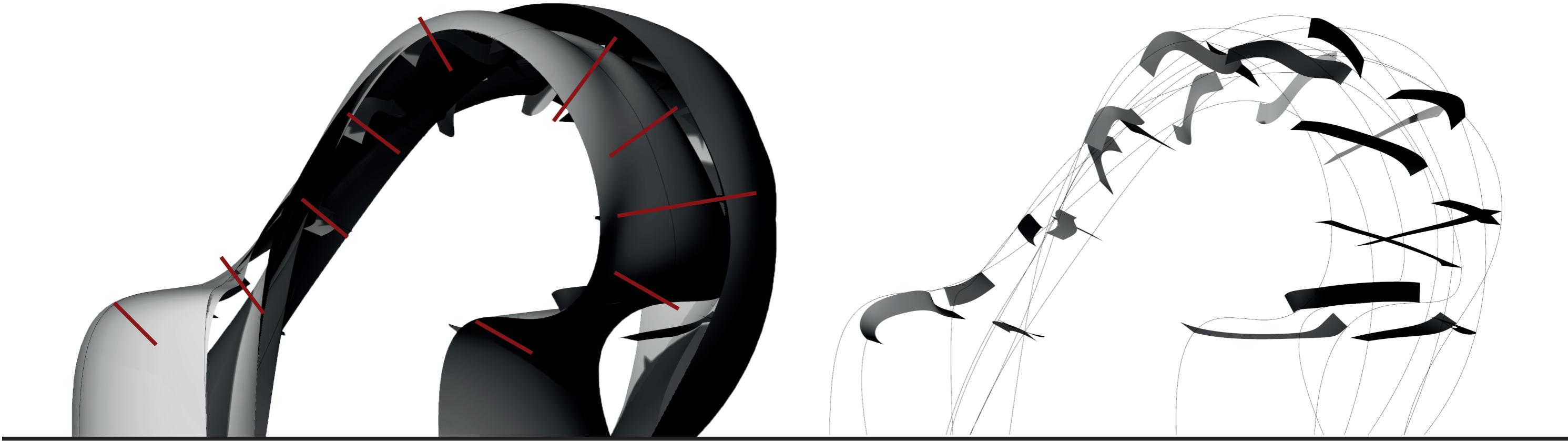
Contrast interior vs exterior

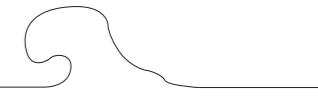


Combination of 3 waves

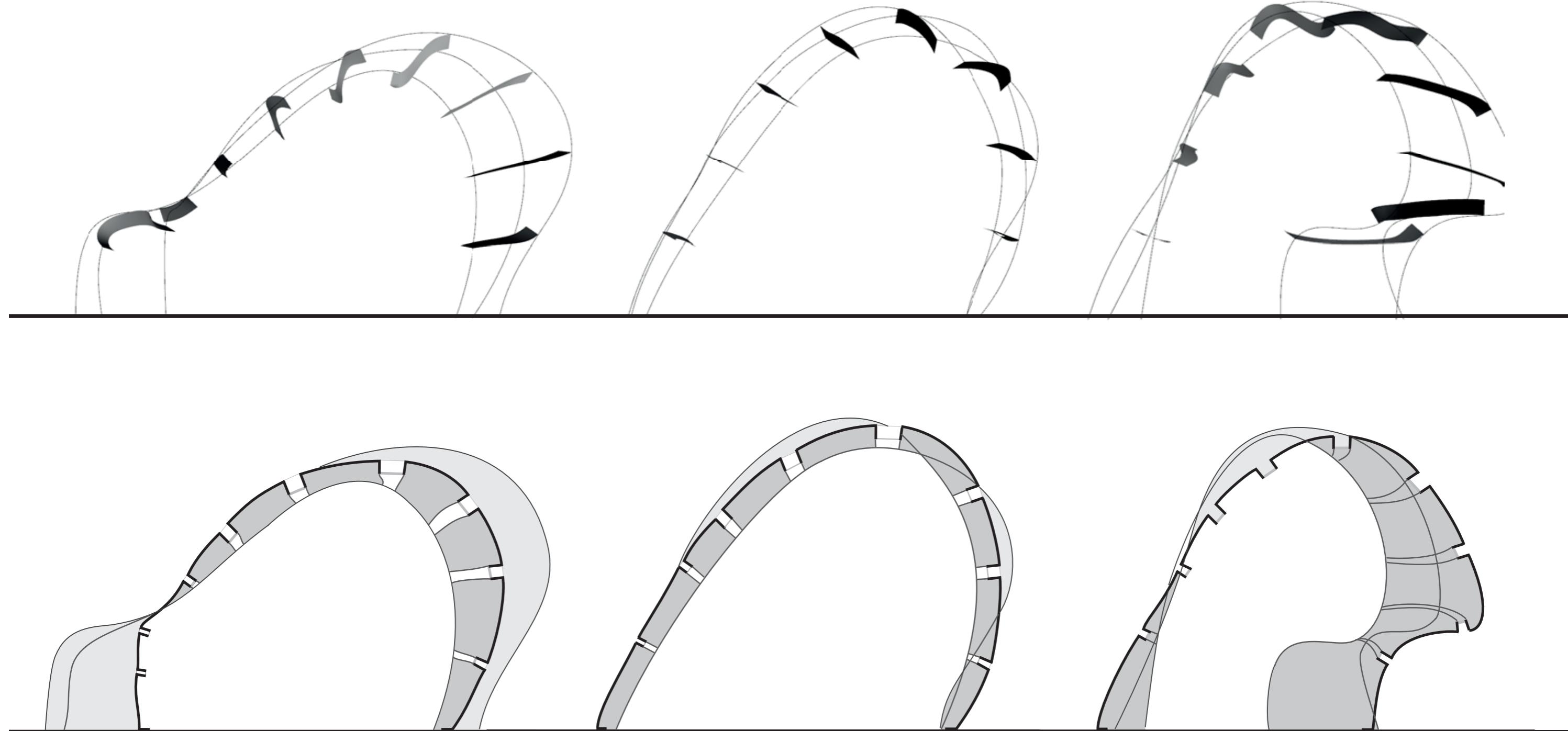


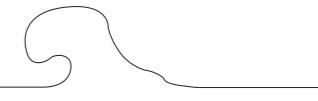
Division of horizontal rib structure



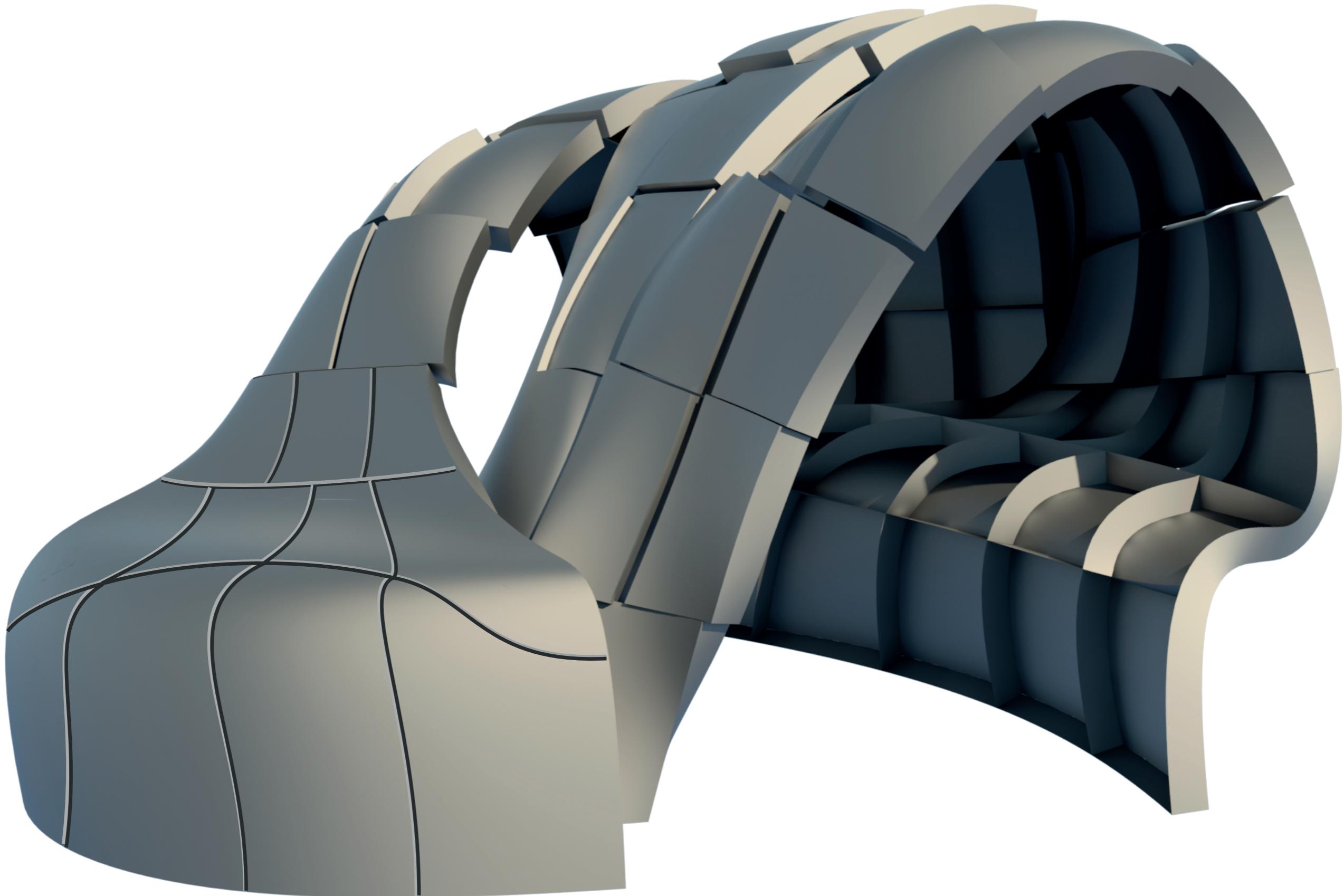


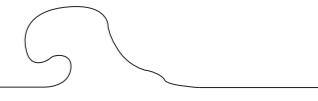
## Panelization



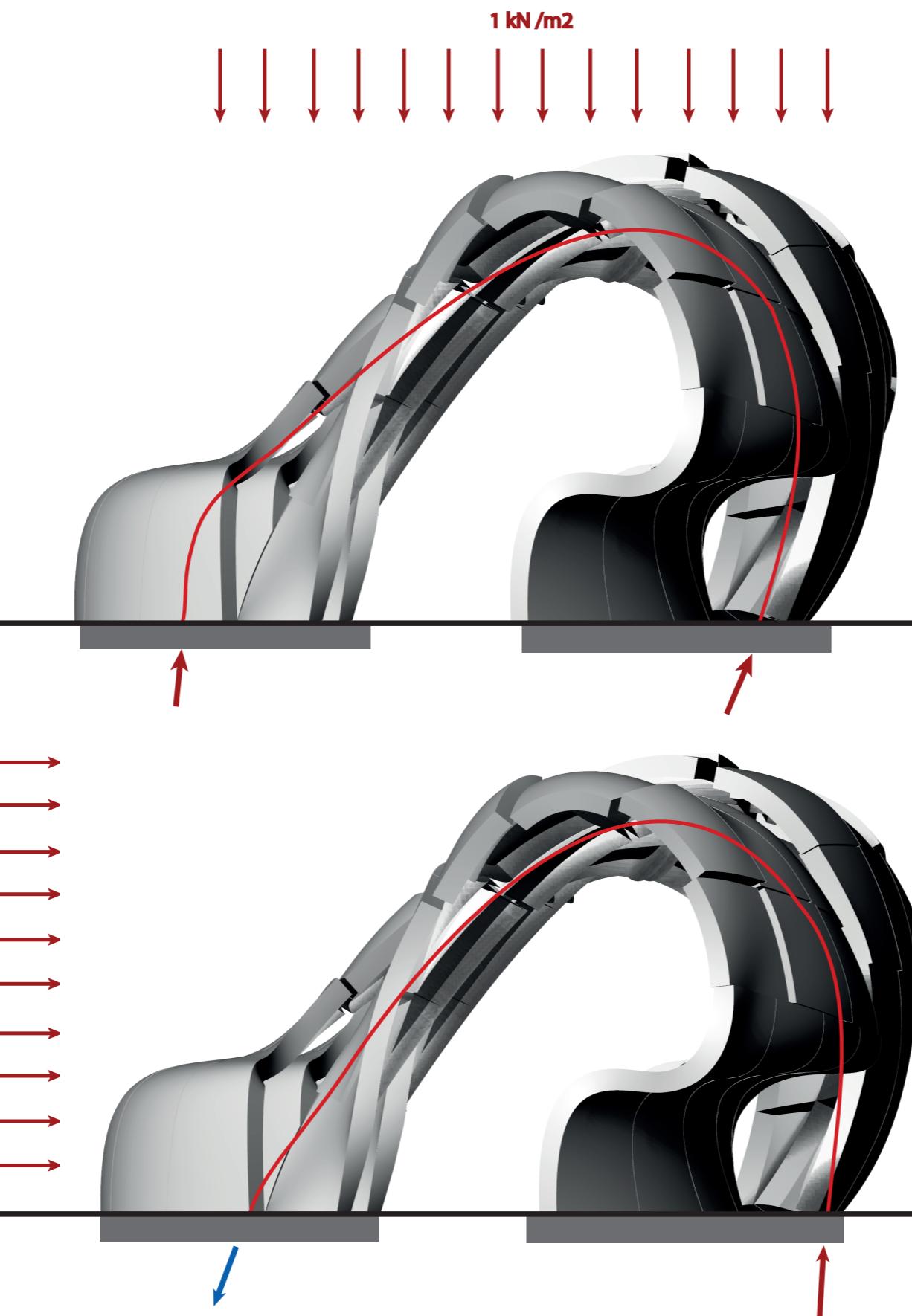


Impression of panelization



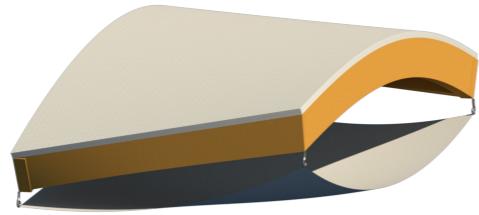
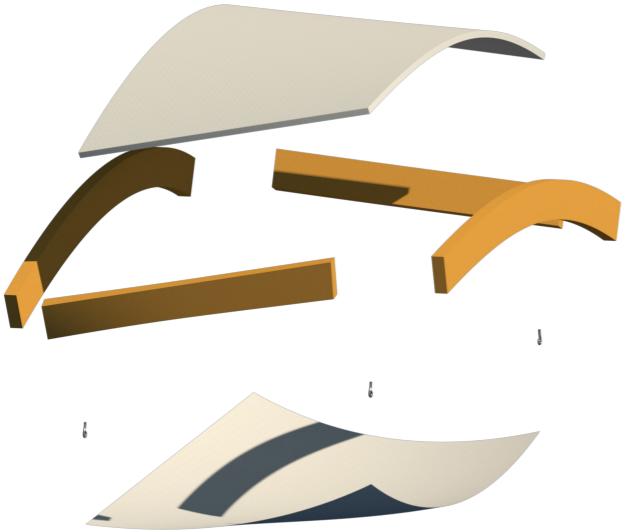


### Force distribution

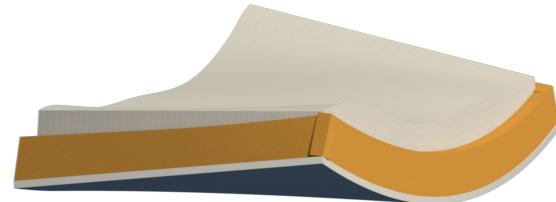


## Structural principle

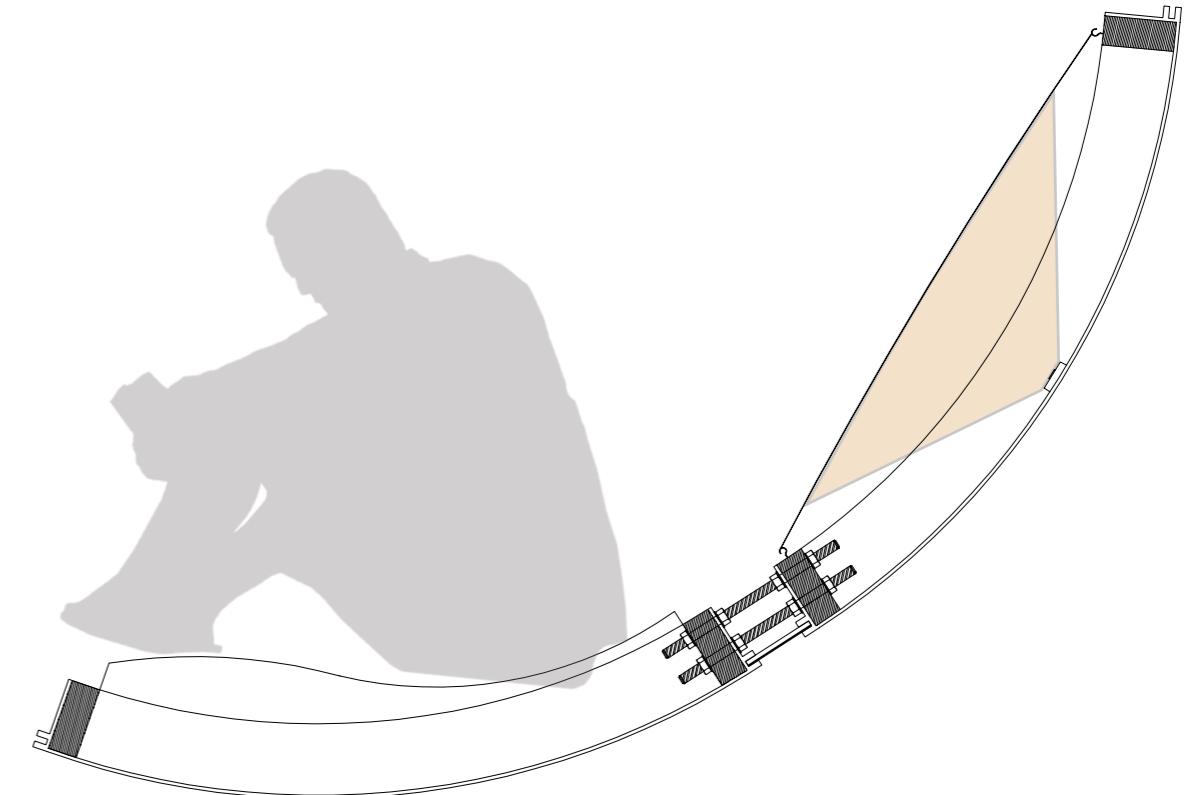
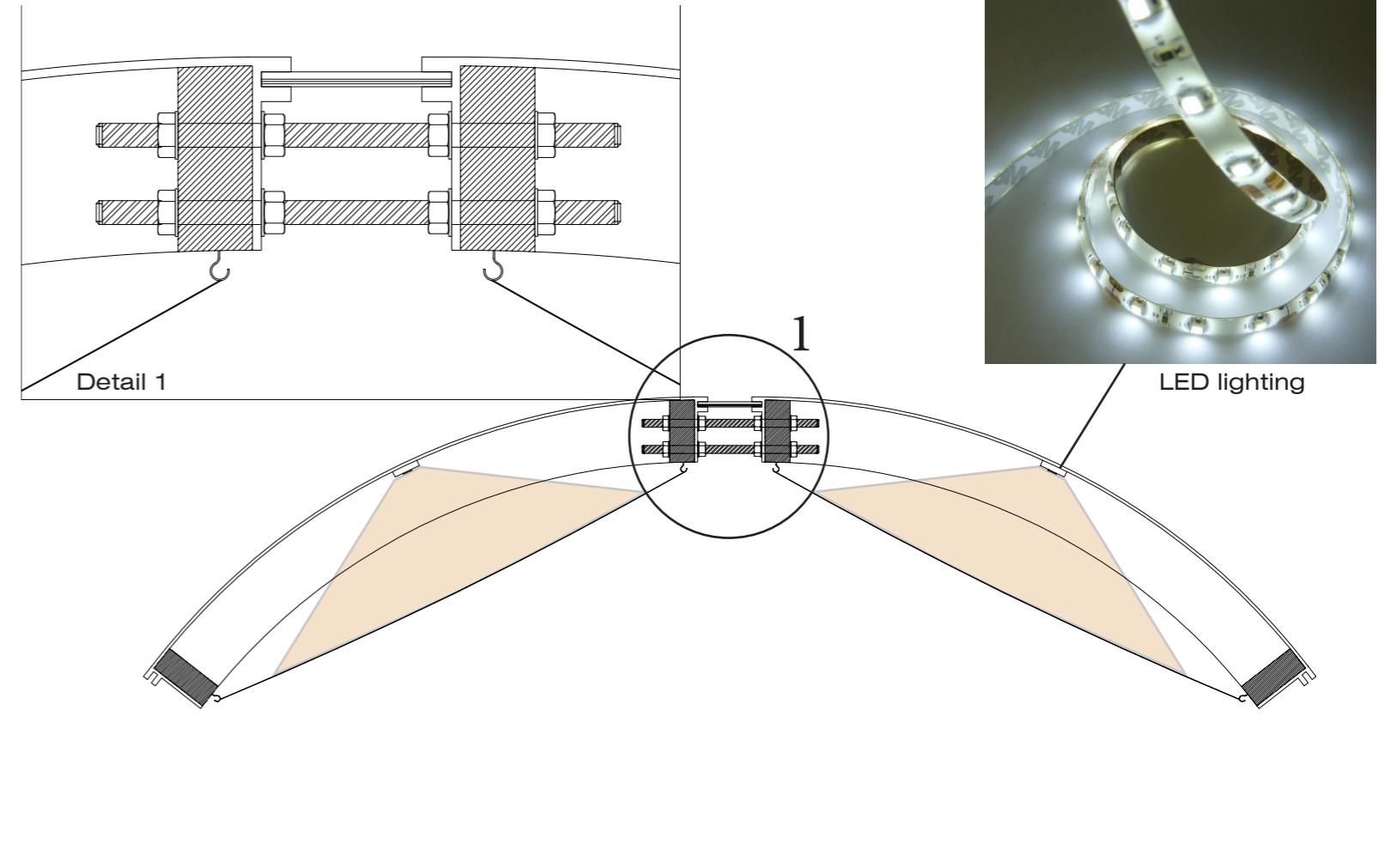
- \* Panels divided by Grasshopper will not exceed the 600 x 600 dimensions for production
- \* Rib structure is bolted to each other and plexiglass is used to fill the gaps
- \* Led lighting can be used to accentuate the curved lines of the HUB
- \* Cushions and spanned fabric are used within the rib structure for functionality

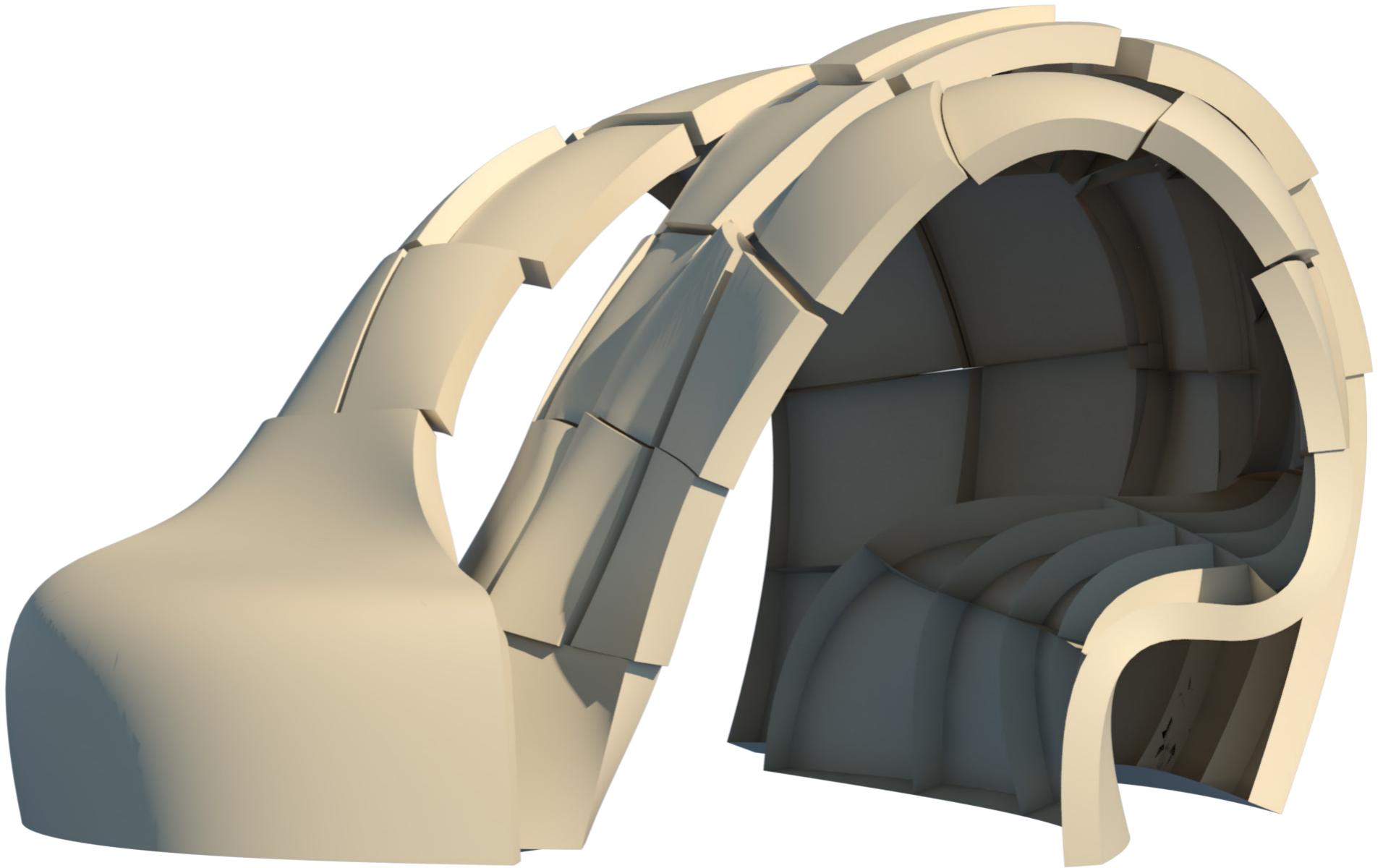
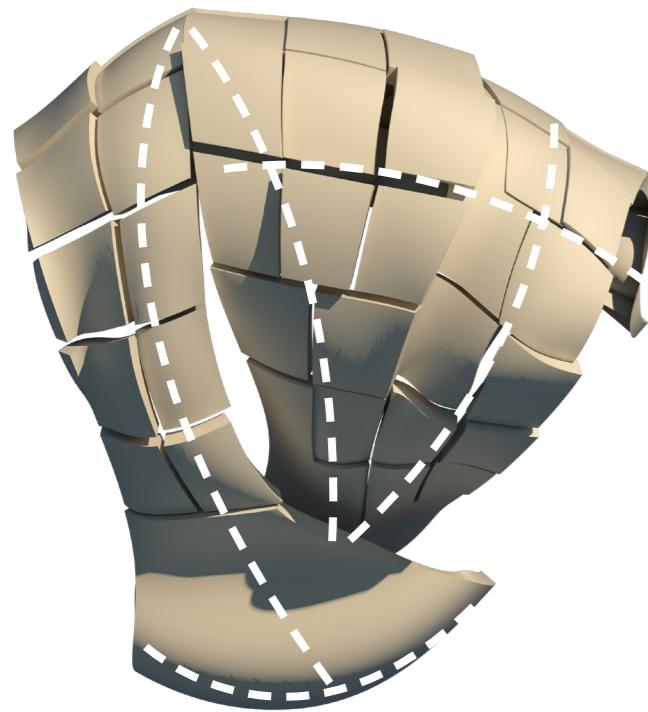
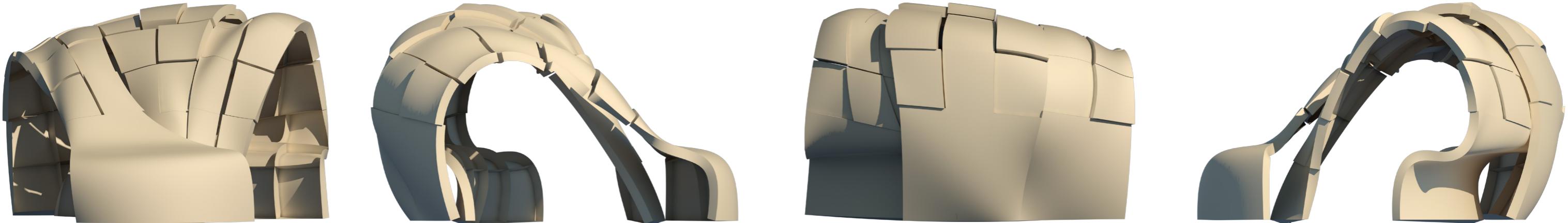


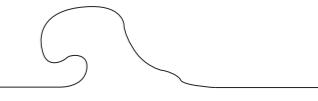
Ceiling panel



Seating Panel







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# THE WAVE HUB

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