

CHAINLINK

[LINKING SIMPLE COMPLEXITY AND DIGITAL MATERIALITY]

FROM ELEMENT TO COMPONENT
MATERIAL EXPERIMENTATION
PROTOTYPING REALITIES
[PANEL 1 | KR999]

Chainlink is a simple and easy-to-make element, but its value lies in the fact that with many duplications of itself, it can form large and visually complex structures.

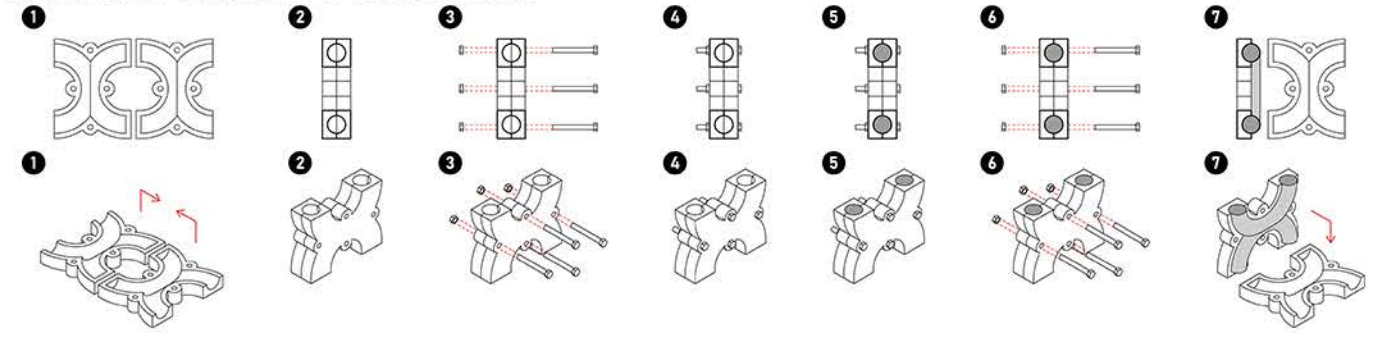
In creating the formwork, an analog experiment was done first, and while this produced an interesting texture on the Chainlink element, the geometry was far from perfect. The choice was made, then, to 3D-print a re-usable mold out of PLA.

The outcomes from experimenting with the PLA mold were ideal and precise to the envisioned geometry. The PLA-mold is simple, easy to use, and could easily be produced a great number of times and in different dimensions.

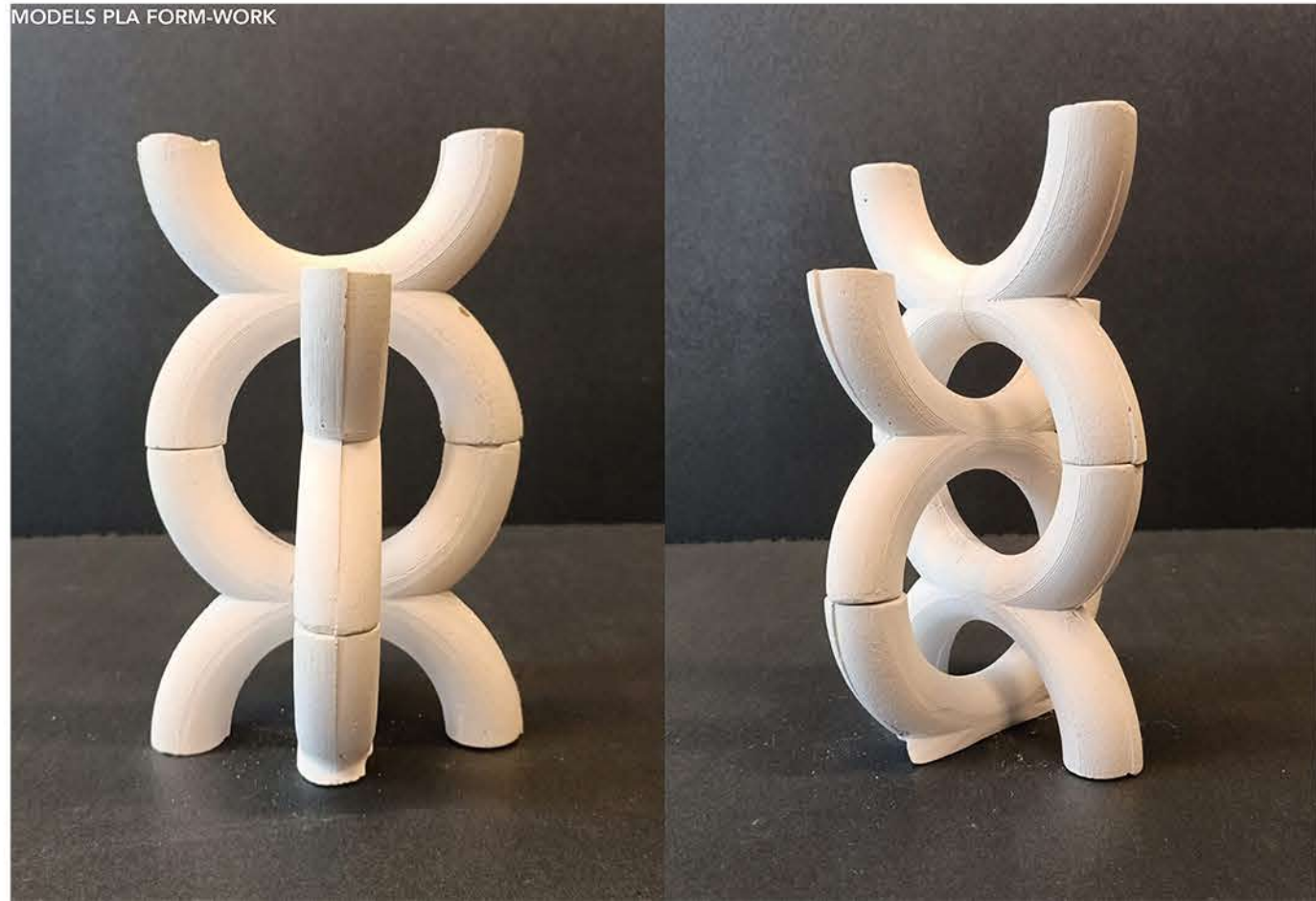
This allows for the production of the element itself to be easily scaled-up to where it's application in real construction becomes a possibility.



ASSEMBLY AND DEMOLDING OF PLA FORM-WORK



MODELS PLA FORM-WORK



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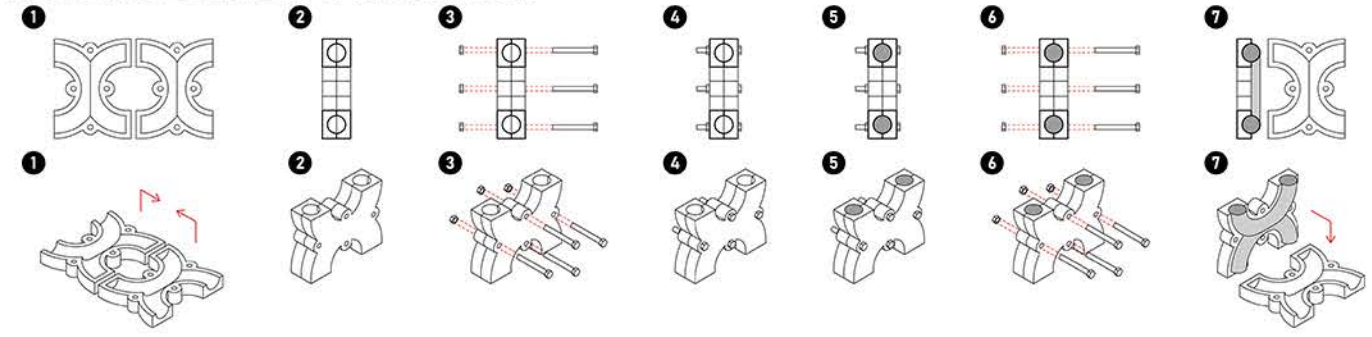
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