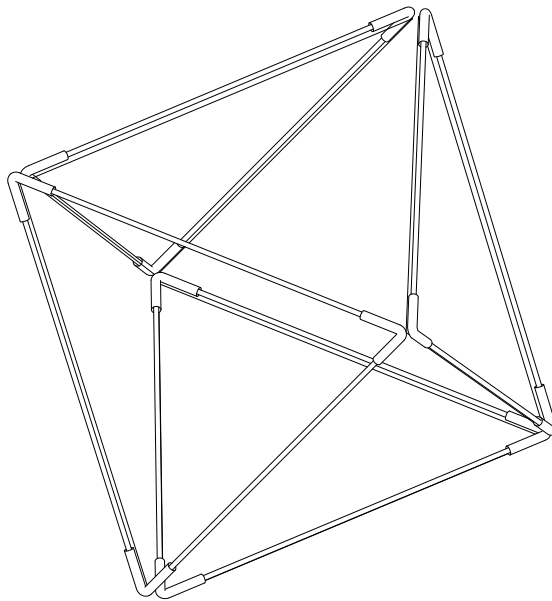


DOMAINE DE BOISBUCHET SHADOWS AND WHISPERS

Philip Beesley & Rob Gorbet / Living Architecture Systems Group
2022 Workshop



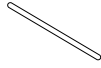
2

Scaffold Assembly Manual

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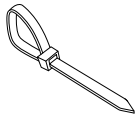
Raw Materials



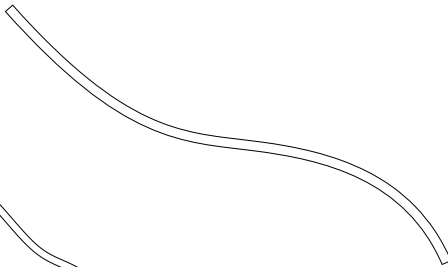
Bamboo Skewer



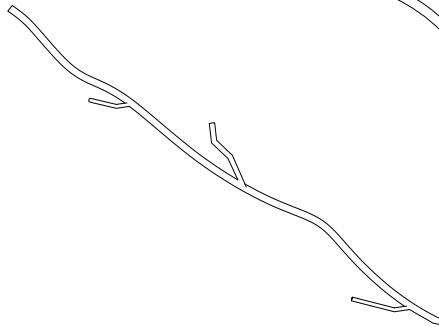
PVC Tubing



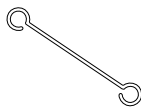
Cable Ties



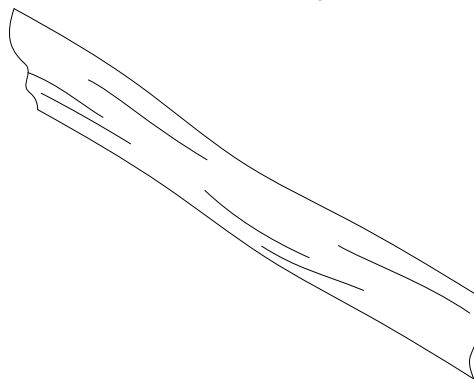
Flexible Caning



Sapling



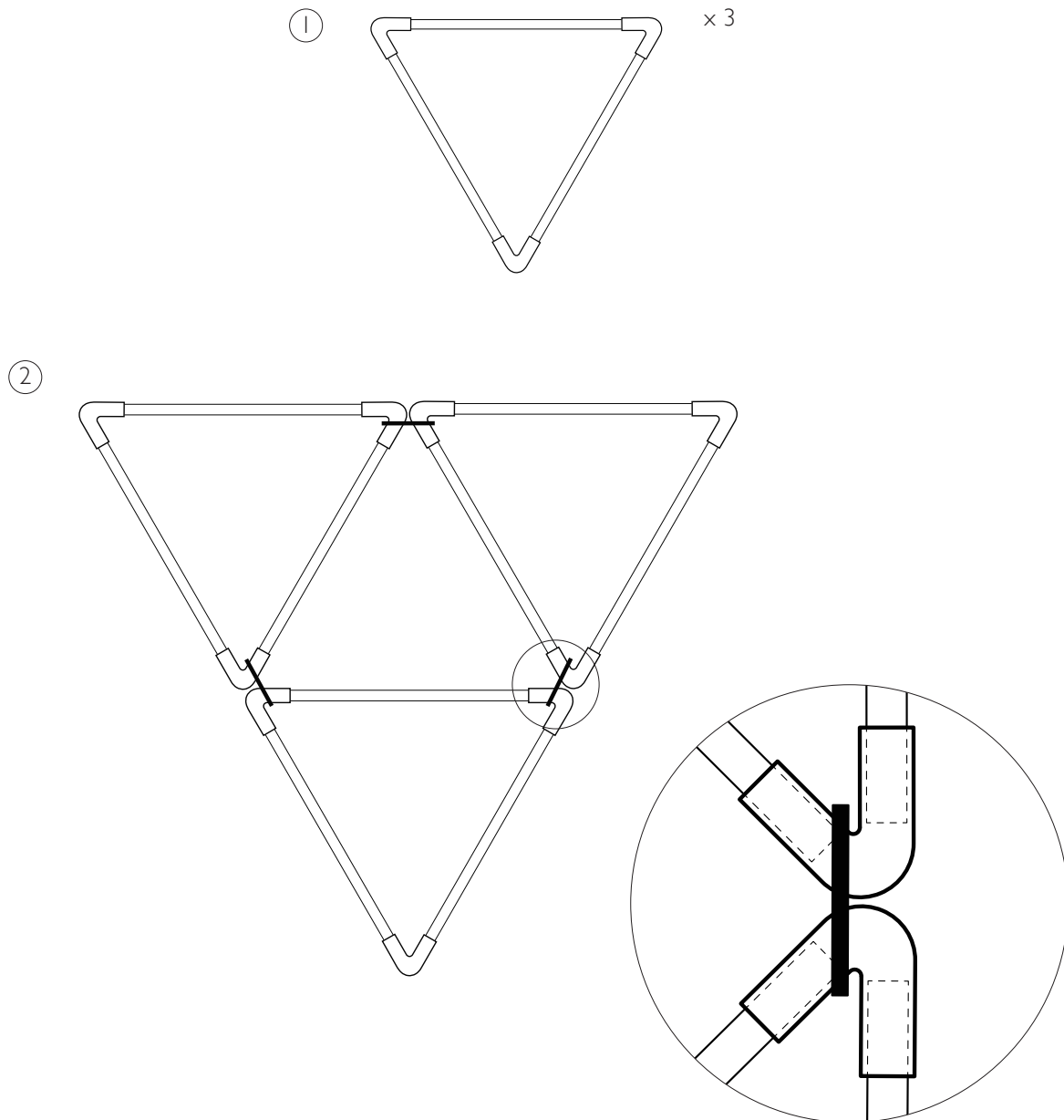
Wire Twist-Ties



Fabric Sheet

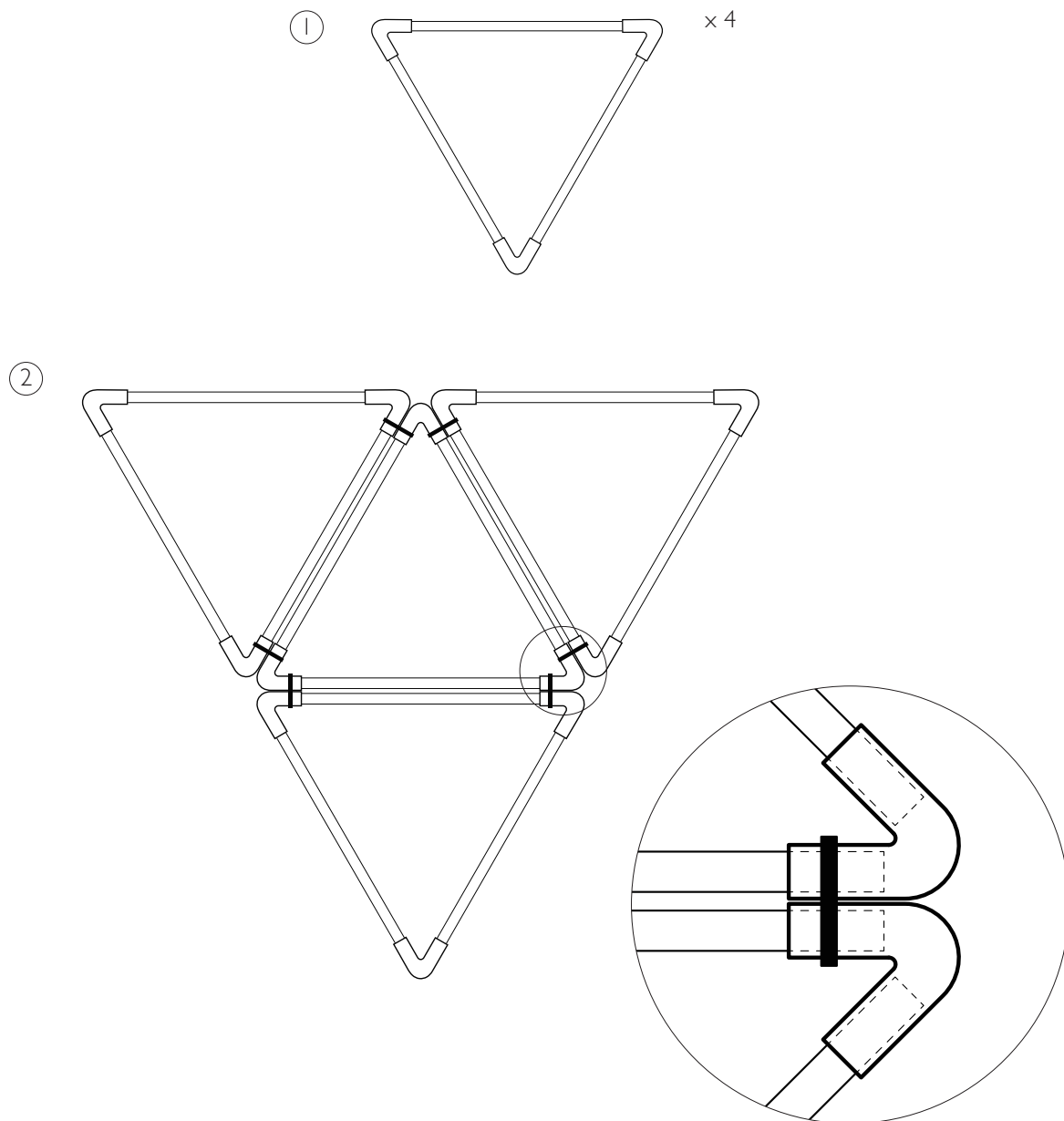
Scaffold Assembly

Low Density Triangle Construction - With Cable Ties Acting as Free Connecting Hinges



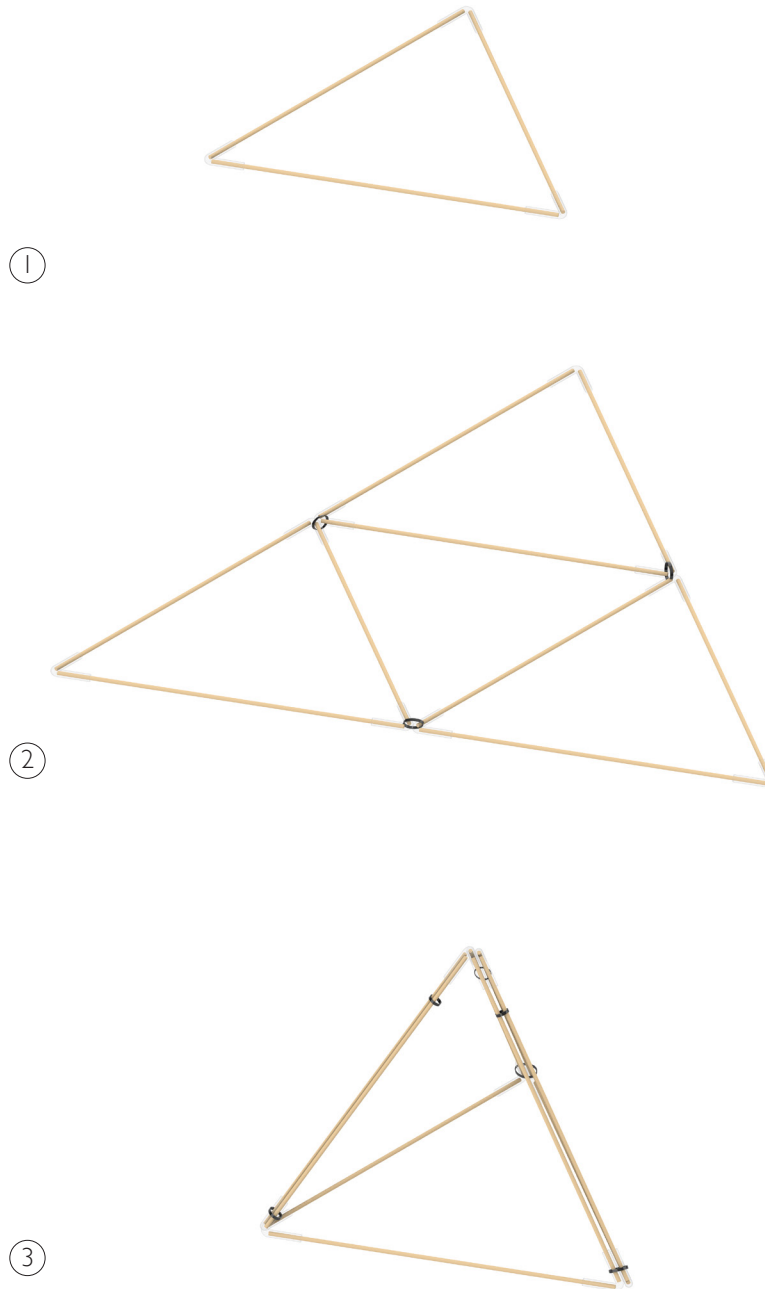
Scaffold Assembly

High Density Triangle Construction - With Cable Ties Providing Clamping Action to Secure Tubes



Scaffold Assembly

Pyramid Unit - 3 Triangles



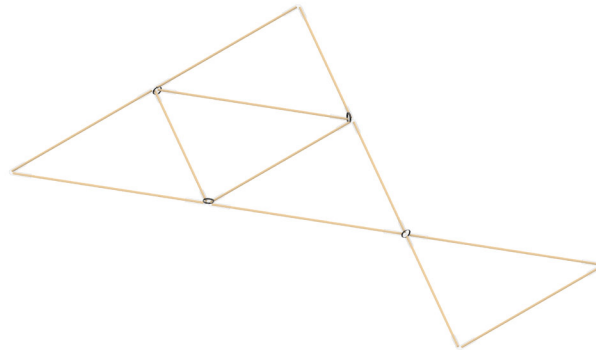
Scaffold Assembly

Truncated Tetrahedron Unit - 4 Triangles

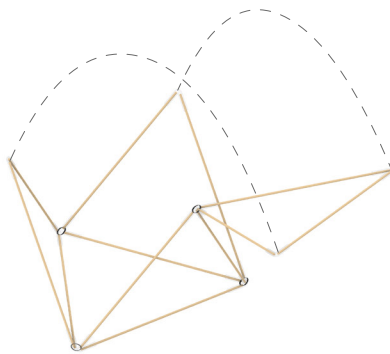
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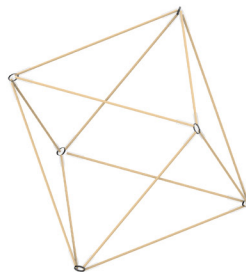
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③

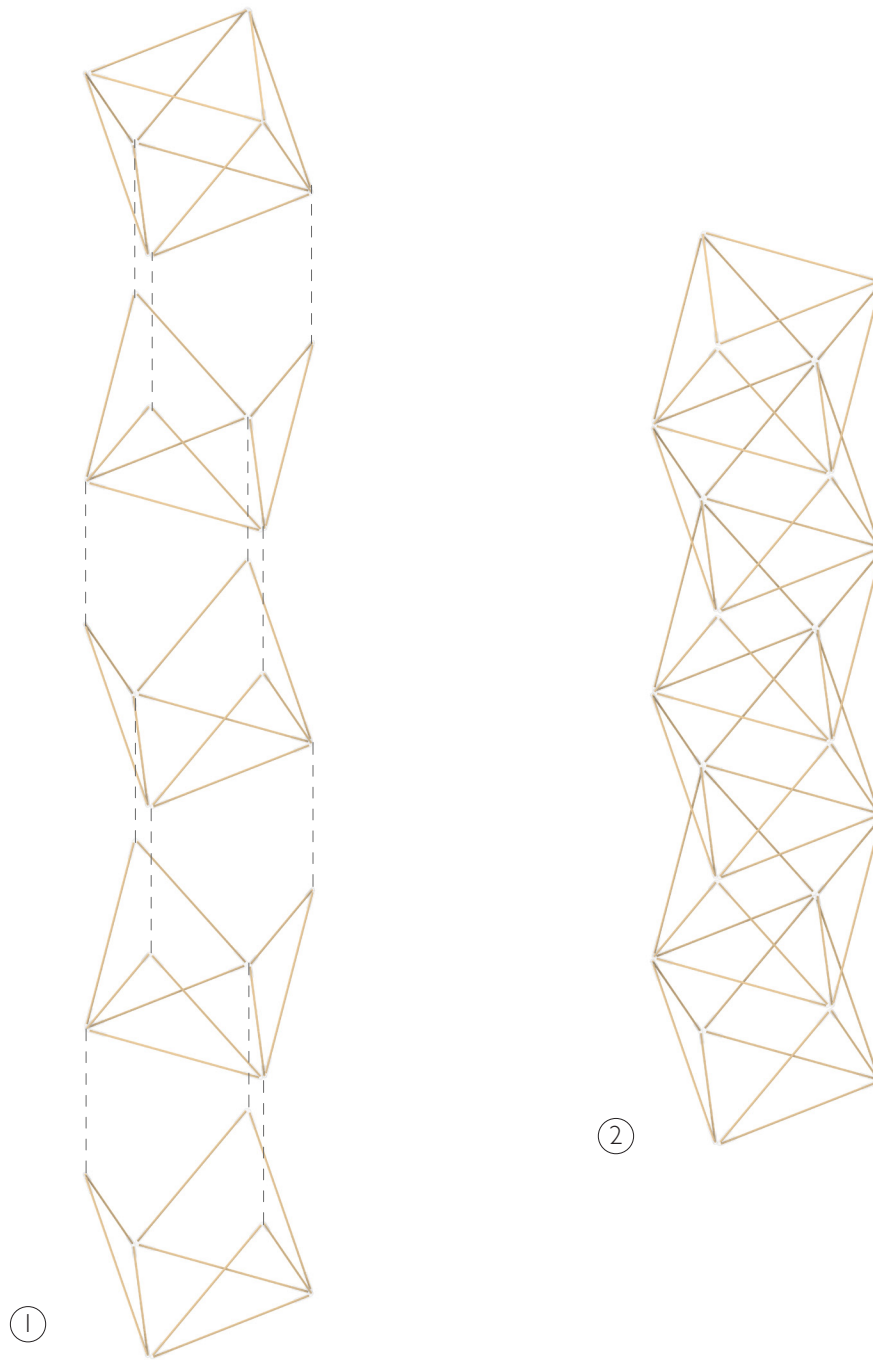


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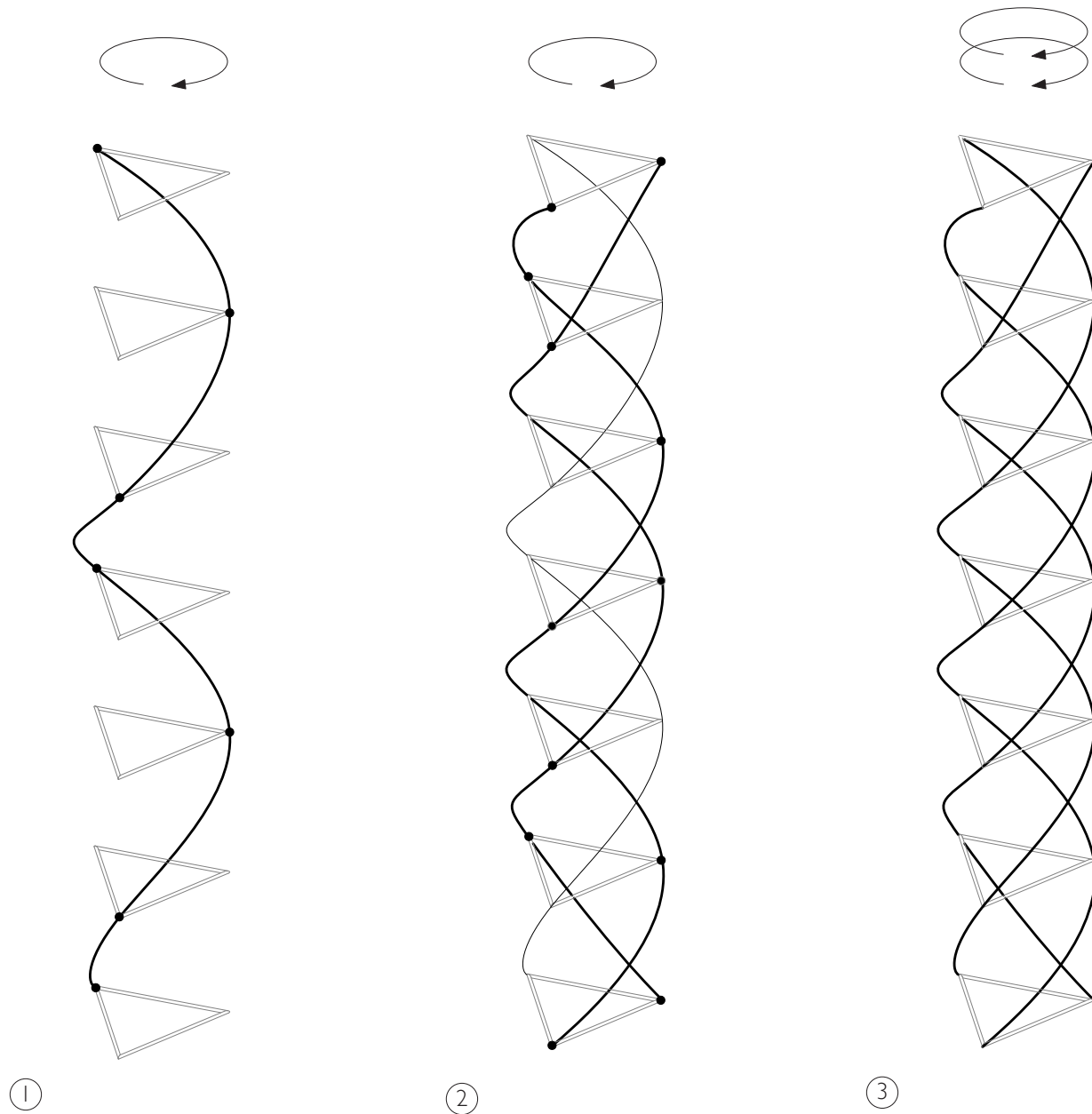
Scaffold Assembly

Truss Tower



Scaffold Assembly

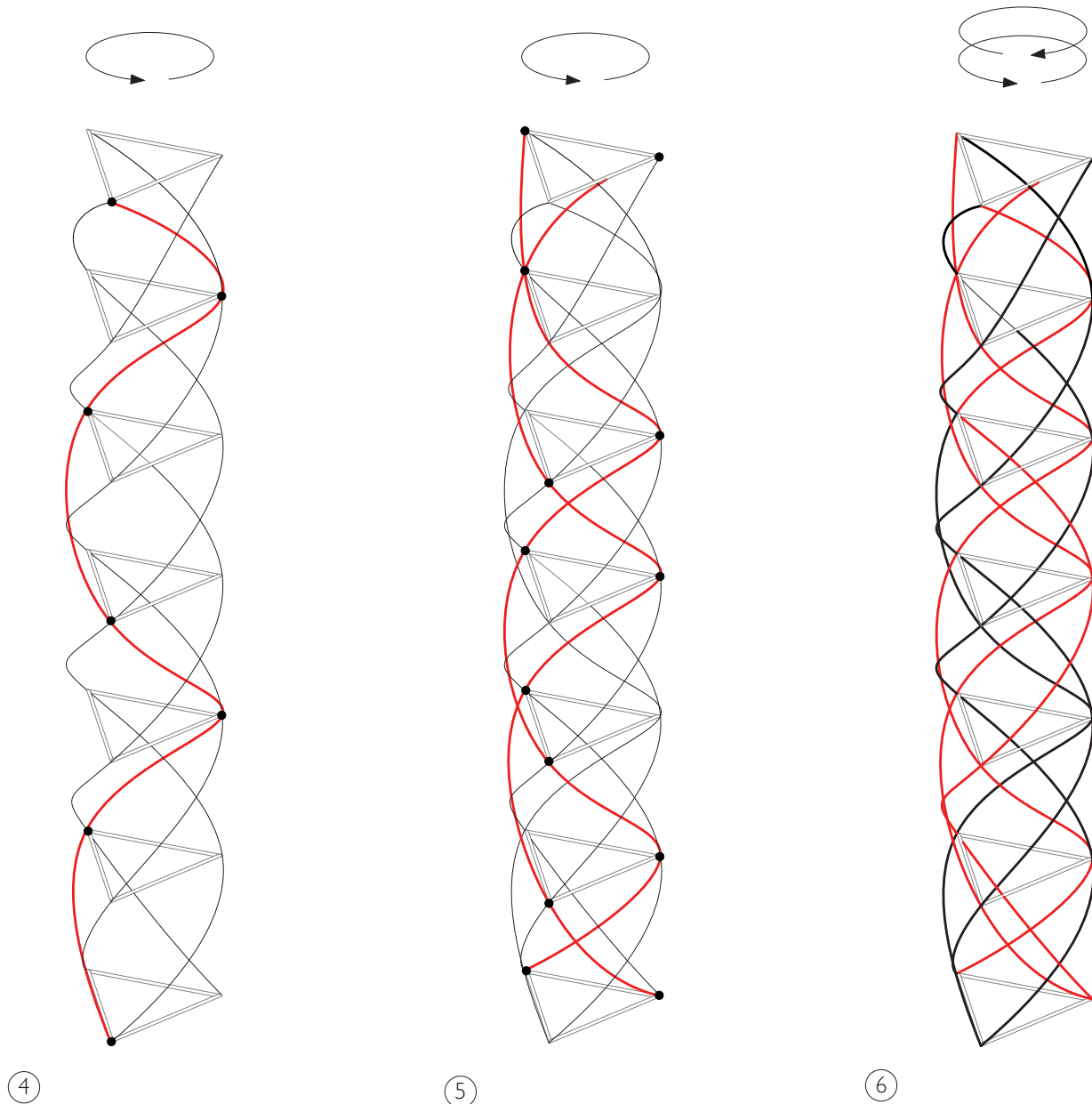
Flexible Caning Units - Part A



Attach the caning to each triangle joint following a spiral rotation.

Scaffold Assembly

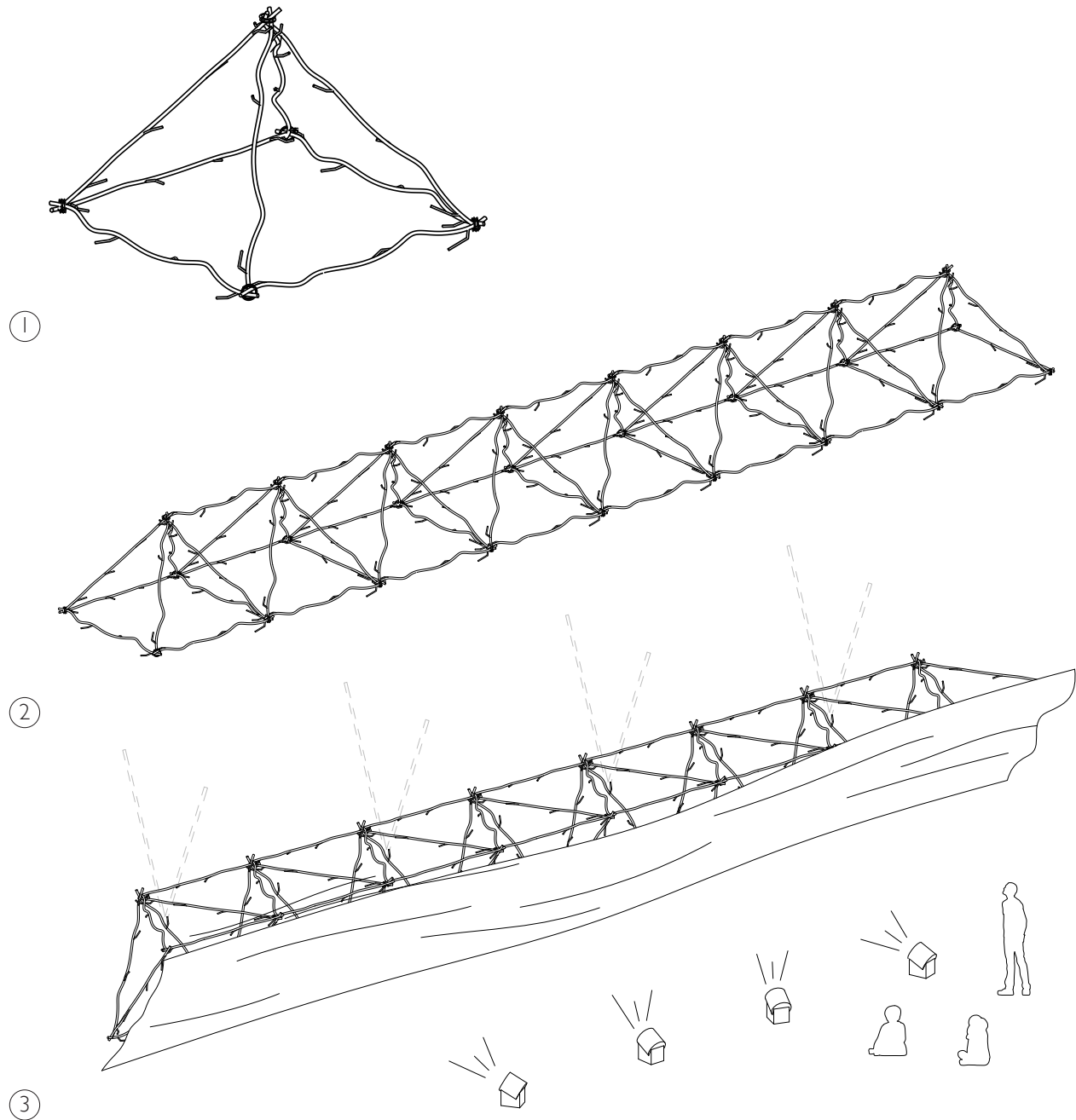
Flexible Caning Units - Part B

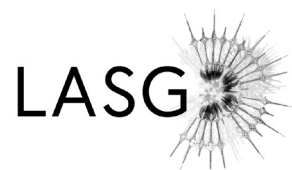


Repeat the same process in the opposite direction to form a double helix spiral.

Scaffold Assembly

Sapling Projector Screen





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