



team members

Hamza Alhbian	Simon Bastien	Justin Boulanger	Evguenia Chevtchenko
Elisa Costa	Jason Crow	Andrew Hruby	Nicolas Demers-Stoddart
Olga Karpova	Shelley Ludman	Diandra Maselli	Maria Mingallon
Courtney Posel	Dina Safonova	Dieter Toews	Sophie Wilkin

engaging the city through

contemplay



team members

Hamza Alhbian	Simon Bastien	Justin Boulanger	Evguenia Chevtchenko
Elisa Costa	Jason Crow	Andrew Hruby	Nicolas Demers-Stoddart
Olga Karpova	Shelley Ludman	Diandra Maselli	Maria Mingallon
Courtney Posel	Dina Safonova	Dieter Toews	Sophie Wilkin

engaging the city through

contemplay



team members

Hamza Alhbian	Simon Bastien	Justin Boulanger	Evguenia Chevtchenko
Elisa Costa	Jason Crow	Andrew Hruby	Nicolas Demers-Stoddart
Olga Karpova	Shelley Ludman	Diandra Maselli	Maria Mingallon
Courtney Posel	Dina Safonova	Dieter Toews	Sophie Wilkin

engaging the city through

contemplay

We would like to sincerely thank
our sponsors

McGill University

PGSS (Post-Graduate Students' Society of McGill University)

Desmarais Cousineau Yaghjian St-Jean Architects

Jodoin Lamarre Pratte Architects

Menkès Shooner Dagenais Letourneux Architects

Saia Barbarese Toupanov Architects

Rubiks



**JODOIN LAMARRE PRATTE
ET ASSOCIÉS ARCHITECTES**

SAIA BARBARESE TOPOUZANOV ARCHITECTES

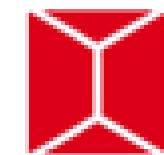
MSDL

MENKÈS SHOONER DAGENAI'S LETOURNEUX Architectes

1134, rue Ste-Catherine Ouest, Bureau 1100 Montréal (Québec) H3B 1H4
Tél (514) 866-7291 Fax (514) 866-8539 www.msdl.ca msdl@msdl.ca



McGill



DCYSA



PGSS

Post-Graduate Students' Society of McGill University

rubiks

www.rubiks.ca

DIGITAL, OFFSET AND SIGNAGE CENTRES

Contacts

The Contemplay Group

McGill University School of Architecture

Macdonald-Harrington Building,

815 Sherbrooke Street West

Montreal, Quebec, Canada H3A 2K6

Tel. 514-796-9765 or 514-924-8143

We would like to sincerely thank
our sponsors

McGill University

PGSS (Post-Graduate Students' Society of McGill University)

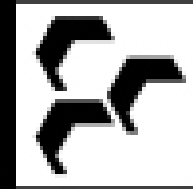
Desmarais Cousineau Yaghjian St-Jean Architects

Jodoin Lamarre Pratte Architects

Menkès Shooner Dagenais Letourneux Architects

Saia Barbarese Toupanov Architects

Rubiks



**JODOIN LAMARRE PRATTE
ET ASSOCIÉS ARCHITECTES**

SAIA BARBARESE TOPOUZANOV ARCHITECTES

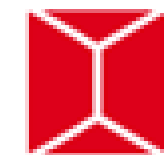
MSDL

MENKÈS SHOONER DAGENAI'S LETOURNEUX Architectes

1134, rue Ste-Catherine Ouest, Bureau 1100 Montréal (Québec) H3B 1H4
Tél (514) 866-7291 Fax (514) 866-8539 www.msd1.ca msdl@msdl.ca



McGill



DCYSA



PGSS

Post-Graduate Students' Society of McGill University

rubiks

www.rubiks.ca

DIGITAL, OFFSET AND SIGNAGE CENTRES

Contacts

The Contemplay Group

McGill University School of Architecture

Macdonald-Harrington Building,

815 Sherbrooke Street West

Montreal, Quebec, Canada H3A 2K6

Tel. 514-796-9765 or 514-924-8143

We would like to sincerely thank
our sponsors

McGill University

PGSS (Post-Graduate Students' Society of McGill University)

Desmarais Cousineau Yaghjian St-Jean Architects

Jodoin Lamarre Pratte Architects

Menkès Shooner Dagenais Letourneux Architects

Saia Barbarese Toupanov Architects

Rubiks



**JODOIN LAMARRE PRATTE
ET ASSOCIÉS ARCHITECTES**

SAIA BARBARESE TOPOUZANOV ARCHITECTES

MSDL

MENKÈS SHOONER DAGENAI'S LETOURNEUX Architectes

1134, rue Ste-Catherine Ouest, Bureau 1100 Montréal (Québec) H3B 1H4
Tél (514) 866-7291 Fax (514) 866-8539 www.msdl.ca msdl@msdl.ca



McGill



DCYSA



PGSS

Post-Graduate Students' Society of McGill University

rubiks

www.rubiks.ca

DIGITAL, OFFSET AND SIGNAGE CENTRES

Contacts

The Contemplay Group

McGill University School of Architecture

Macdonald-Harrington Building,

815 Sherbrooke Street West

Montreal, Quebec, Canada H3A 2K6

Tel. 514-796-9765 or 514-924-8143

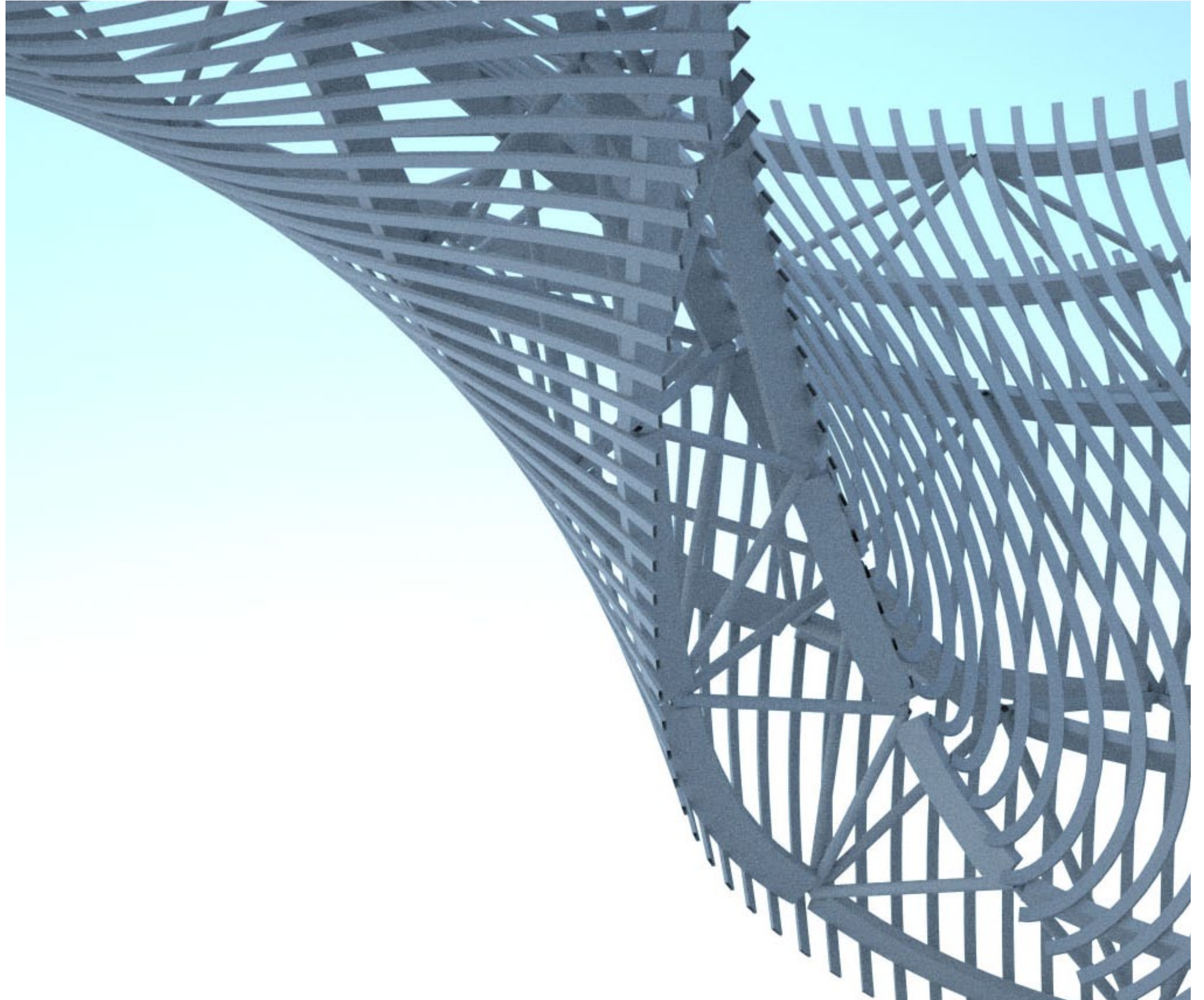
Description

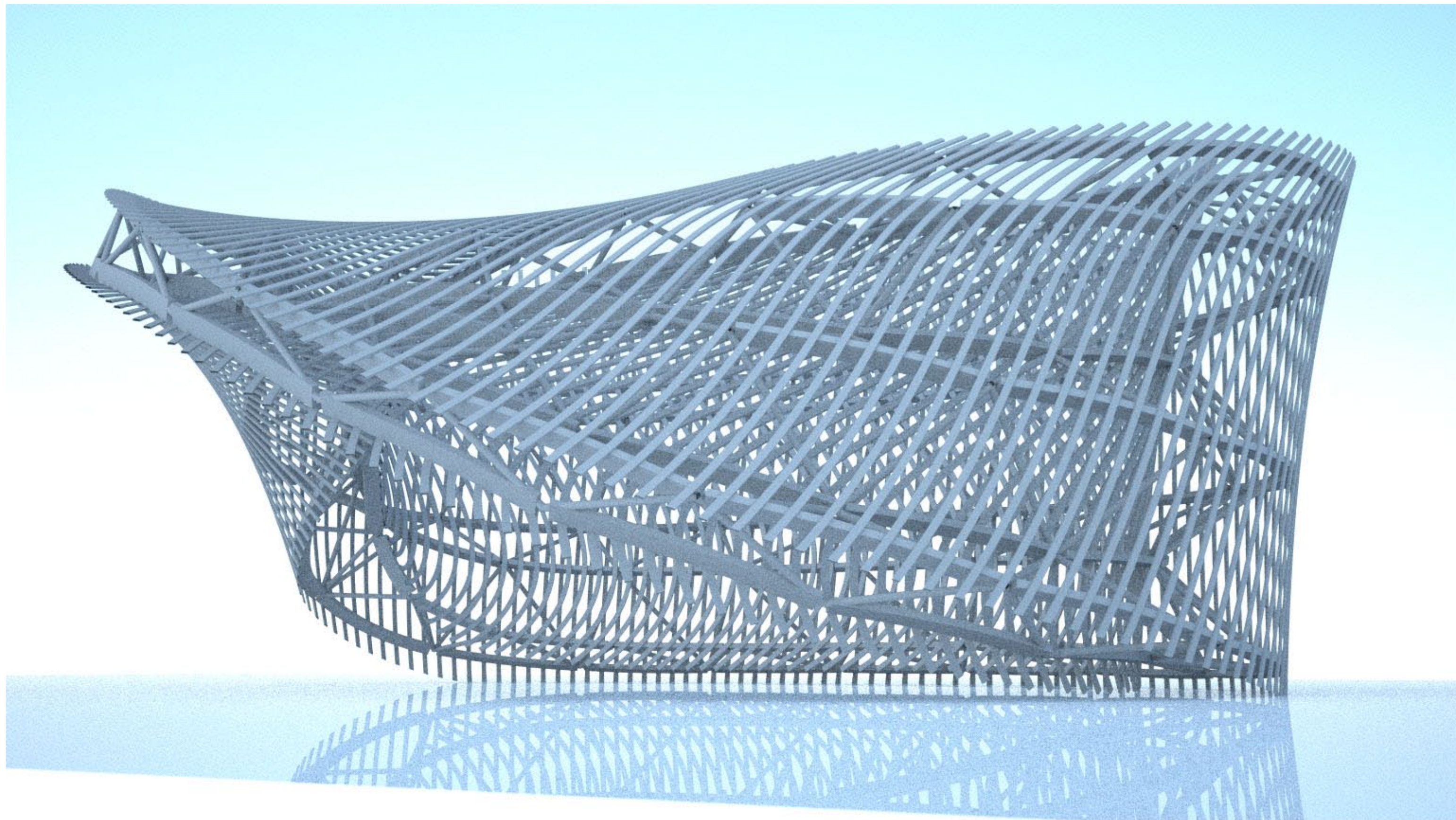
Contemplay is a combination of the words *contemplate* and *play*. The Contemplay pavilion is meant as a multi-generational artefact that gathers the ideas of contemplation and playing in a single clear gesture. As a socially sustainable public infrastructure that plays with the visual field through form and cladding, it questions the current trend in public space furniture and encroaches in the realm of the abstract sculpture or artefact.

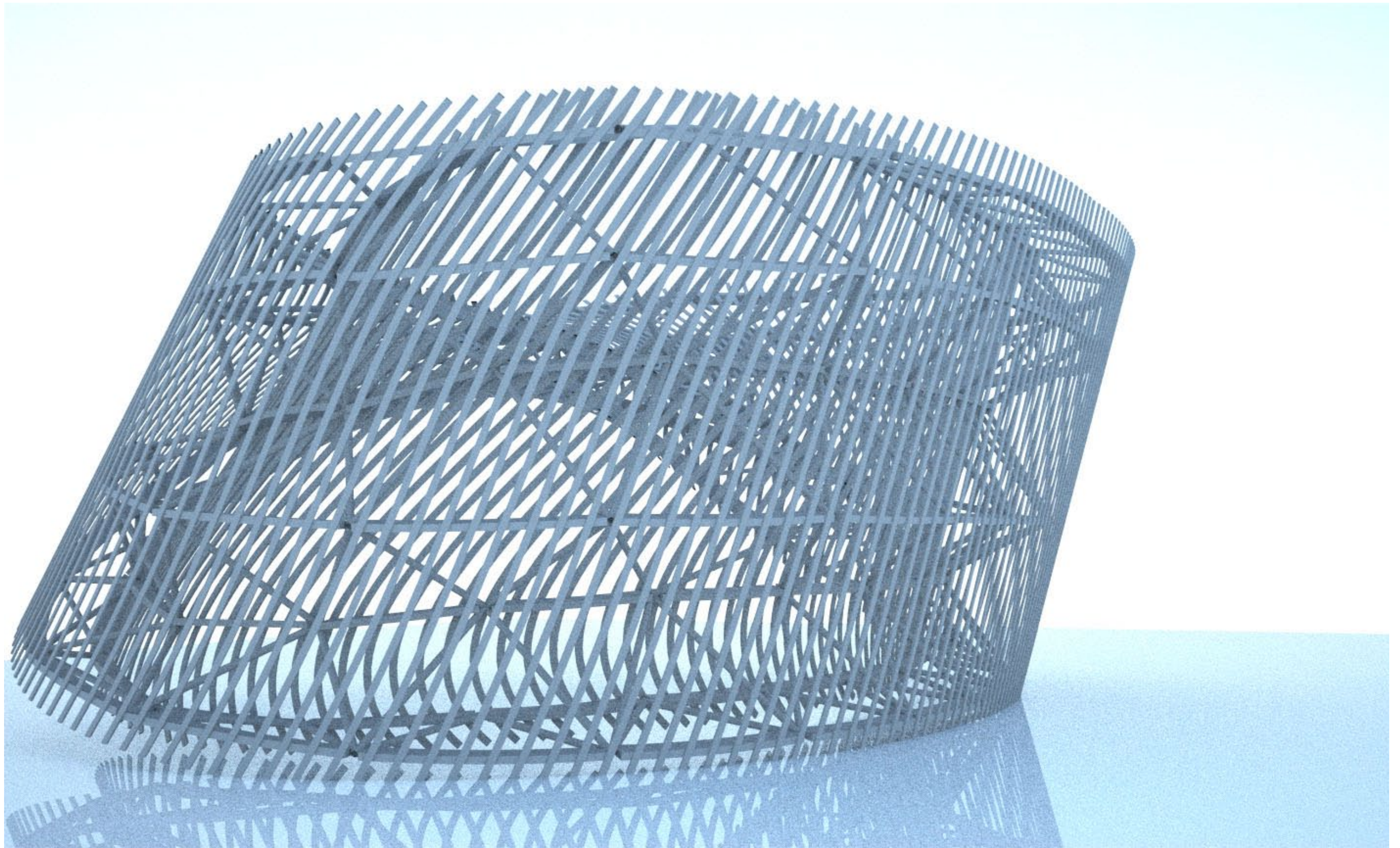
The gesture itself is a three dimensional mobius strip which is supported by a triangular truss. The truss is a combination of plywood and steel elements. The cladding is a visual pattern generated to create a simultaneous moiré and parallax effect. As the public approaches and engages with the pavilion, the visual field is modified and interrupted by the interference created by motion and the two layers of cladding. The eye continuously covers the never ending surface of the mobius inviting dynamic motion from the user. Within, a bench anchors the project to the ground, allowing for a center seat in a never ending structure. The light filters through the cladding generating an ambiguous relationship between the notions of inside and outside as well as furniture and shelter.

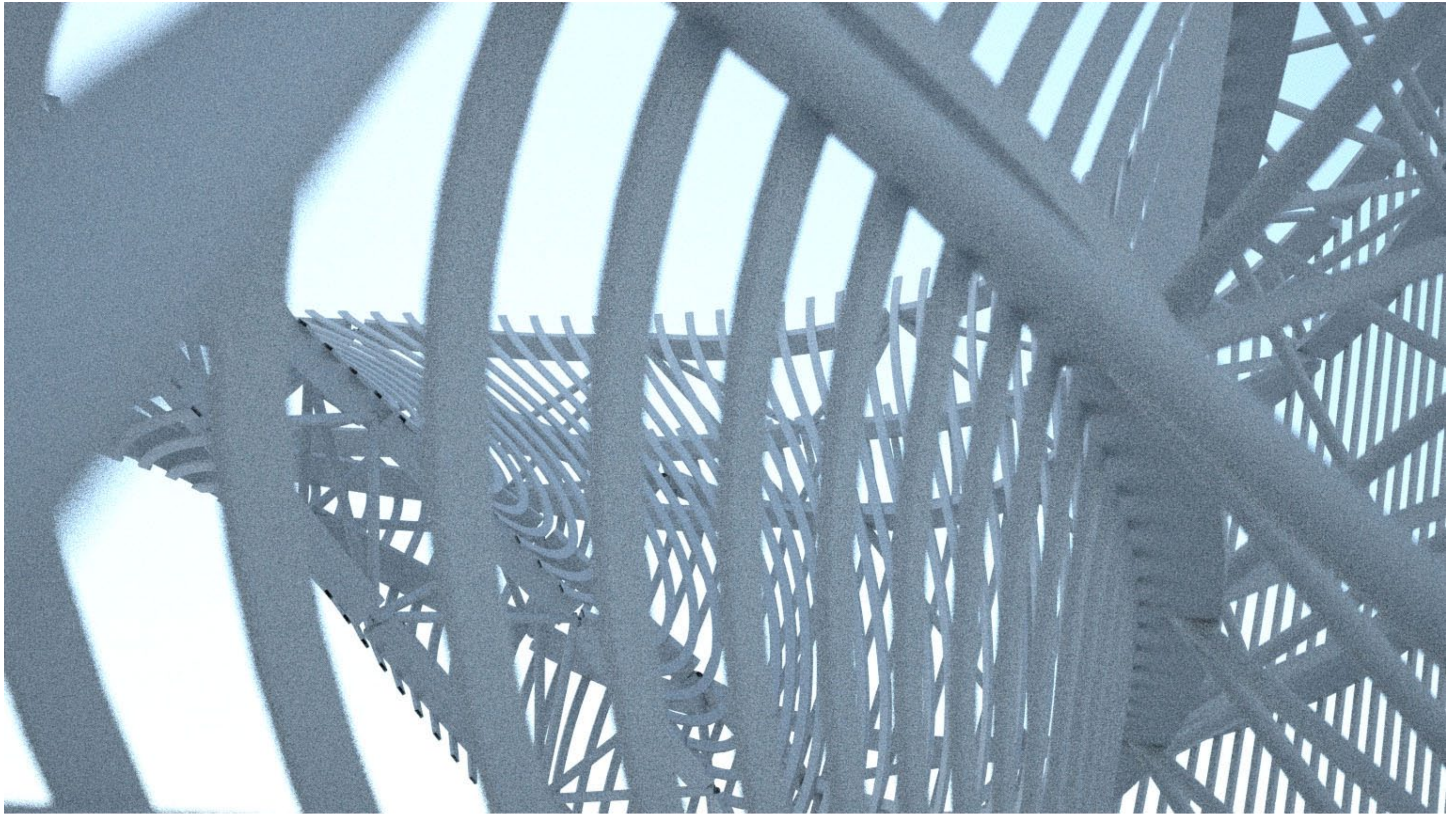
As you move around the pavilion, new interference patterns are continuously created and destroyed though this mechanism of moiré; thus the pavilion creates a responsive, interactive experience. The simplicity of a half-twist in a ribbon was rendered extremely complex through the doubling and offsetting of the mobius strip: the creation of two surfaces activated the moiré but required strong yet minimal structural solution. Our solution to this complexity was a space frame. To resolve all these design criteria, the moiré pattern and an optimized space frame are generated via customised digital parametric modeling.

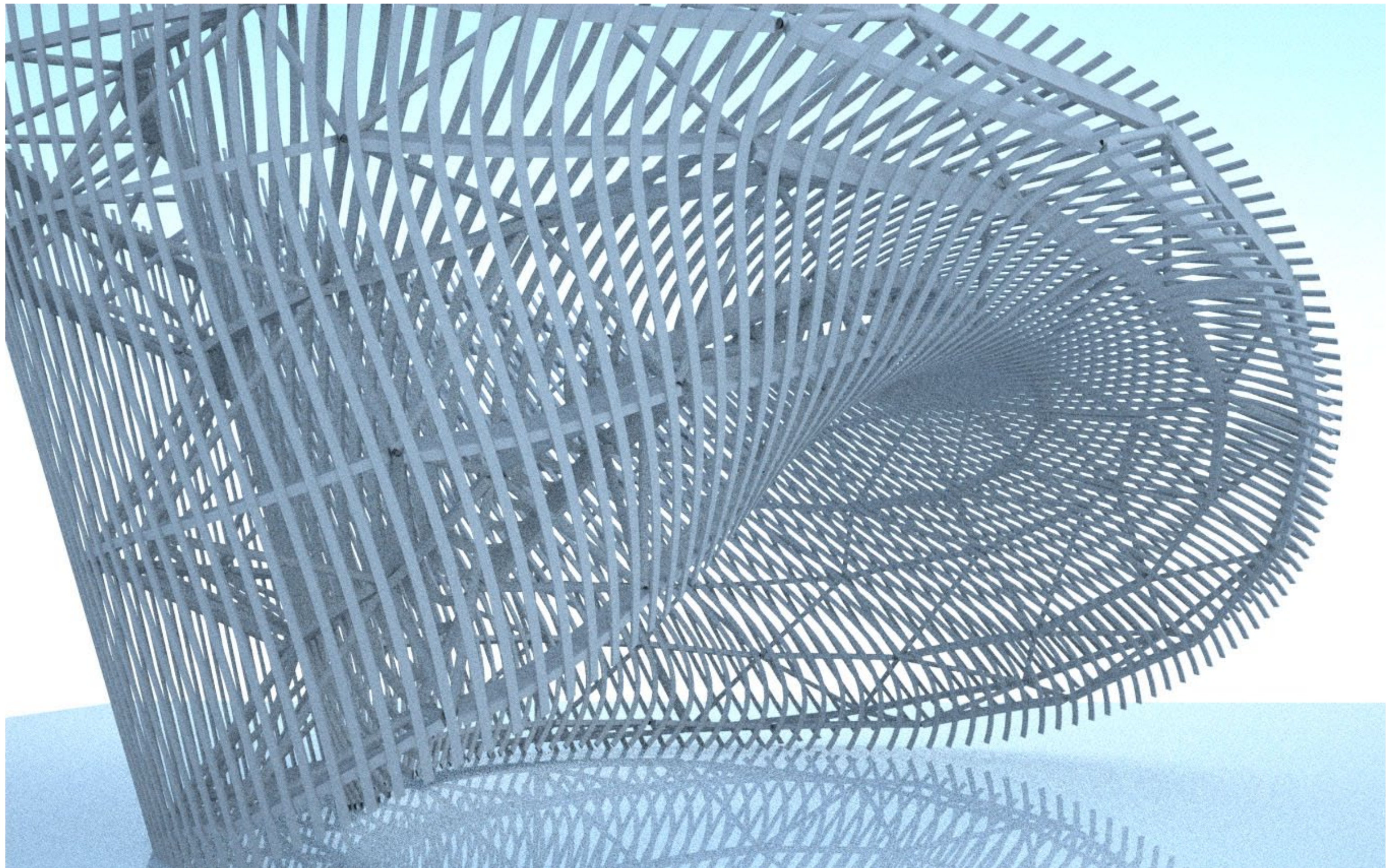
website / <http://www.farmmresearch.com/pavilion/about.html>

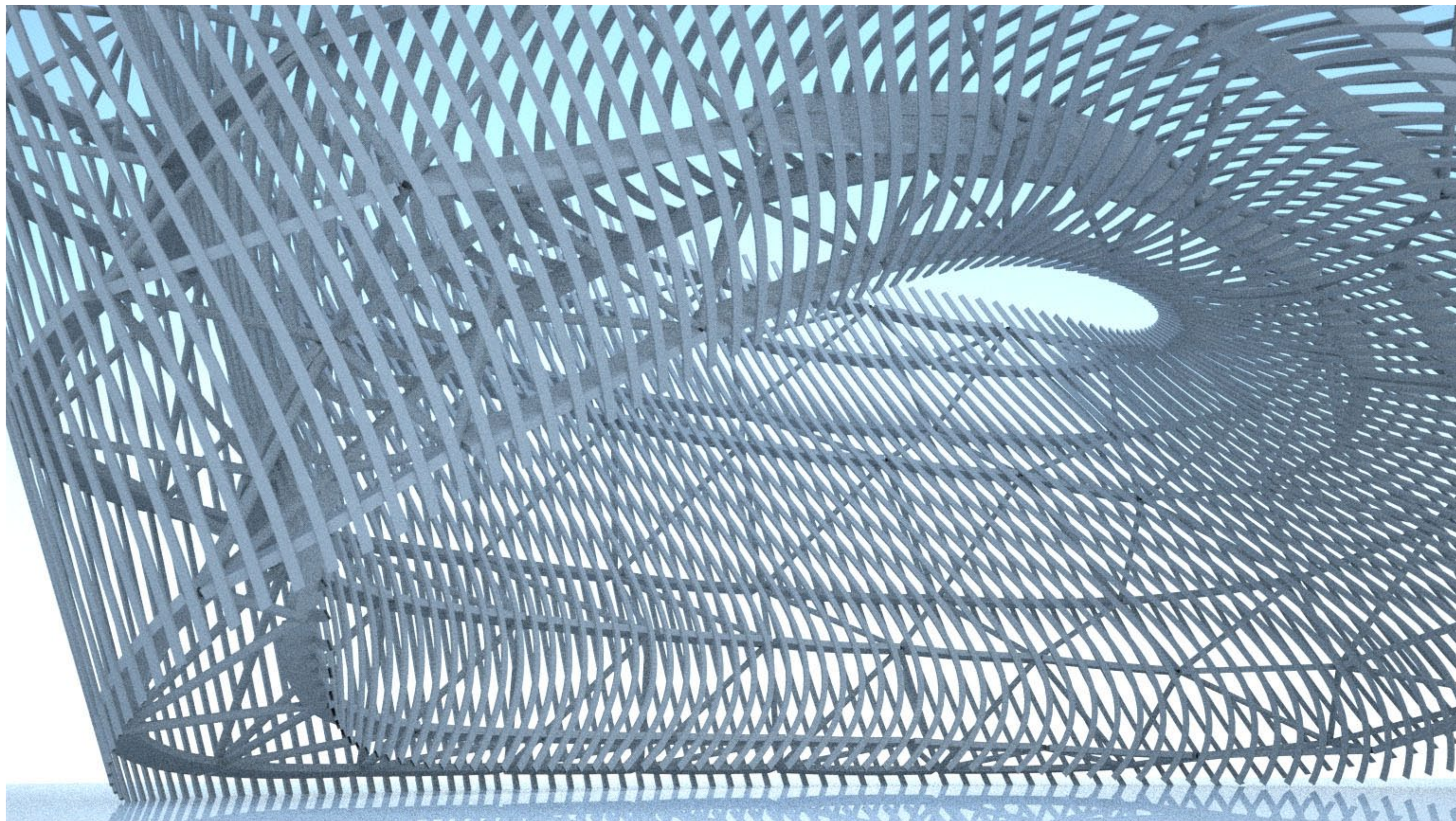


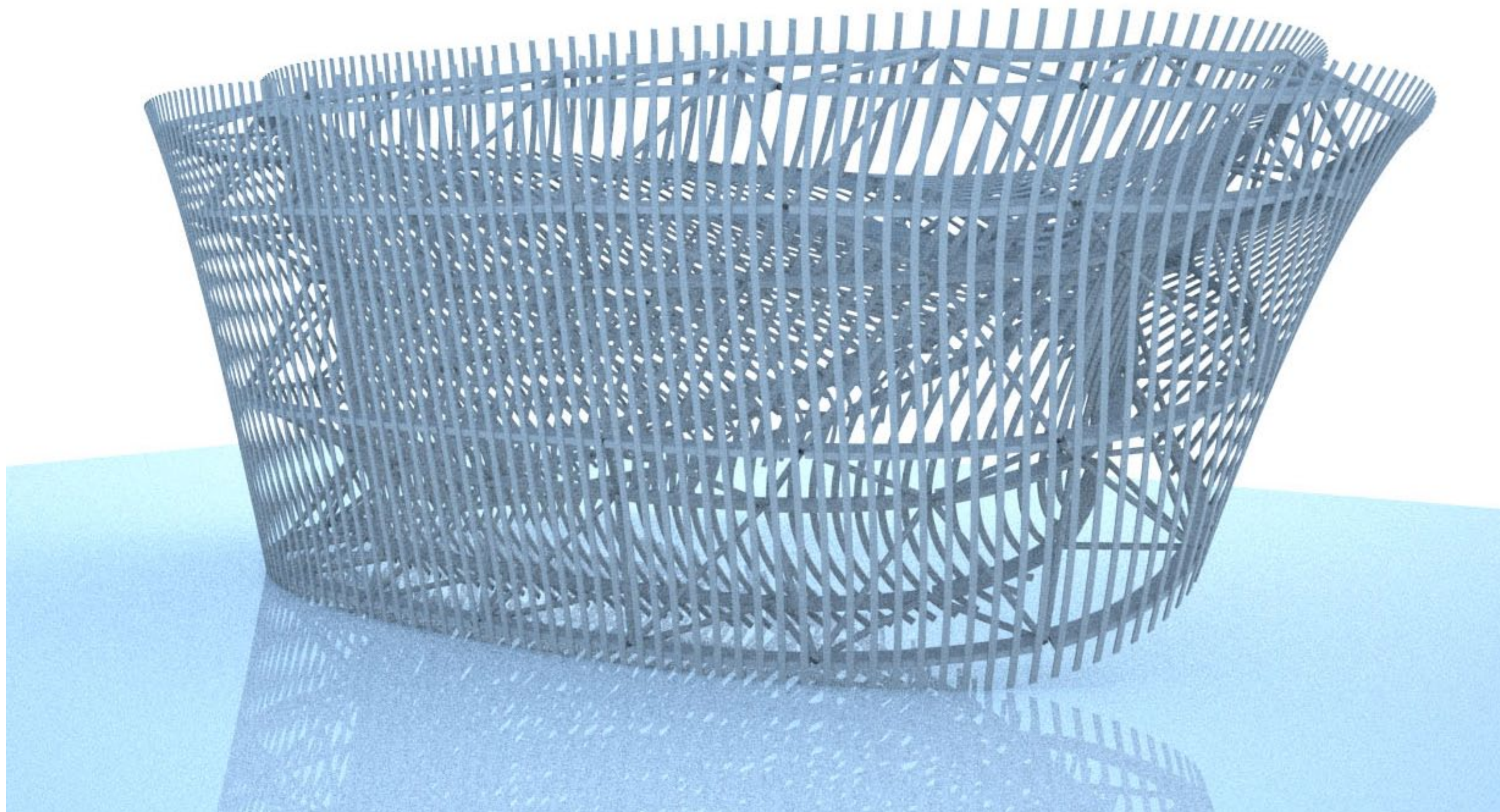




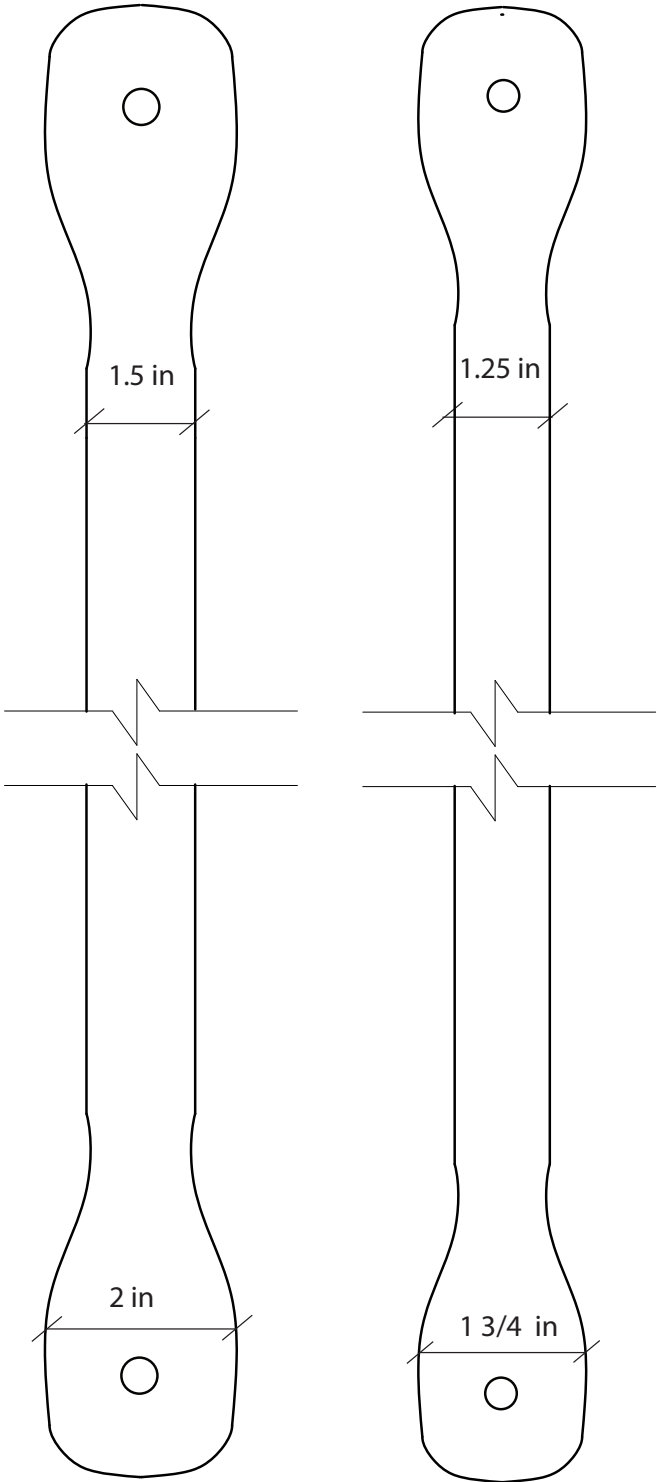








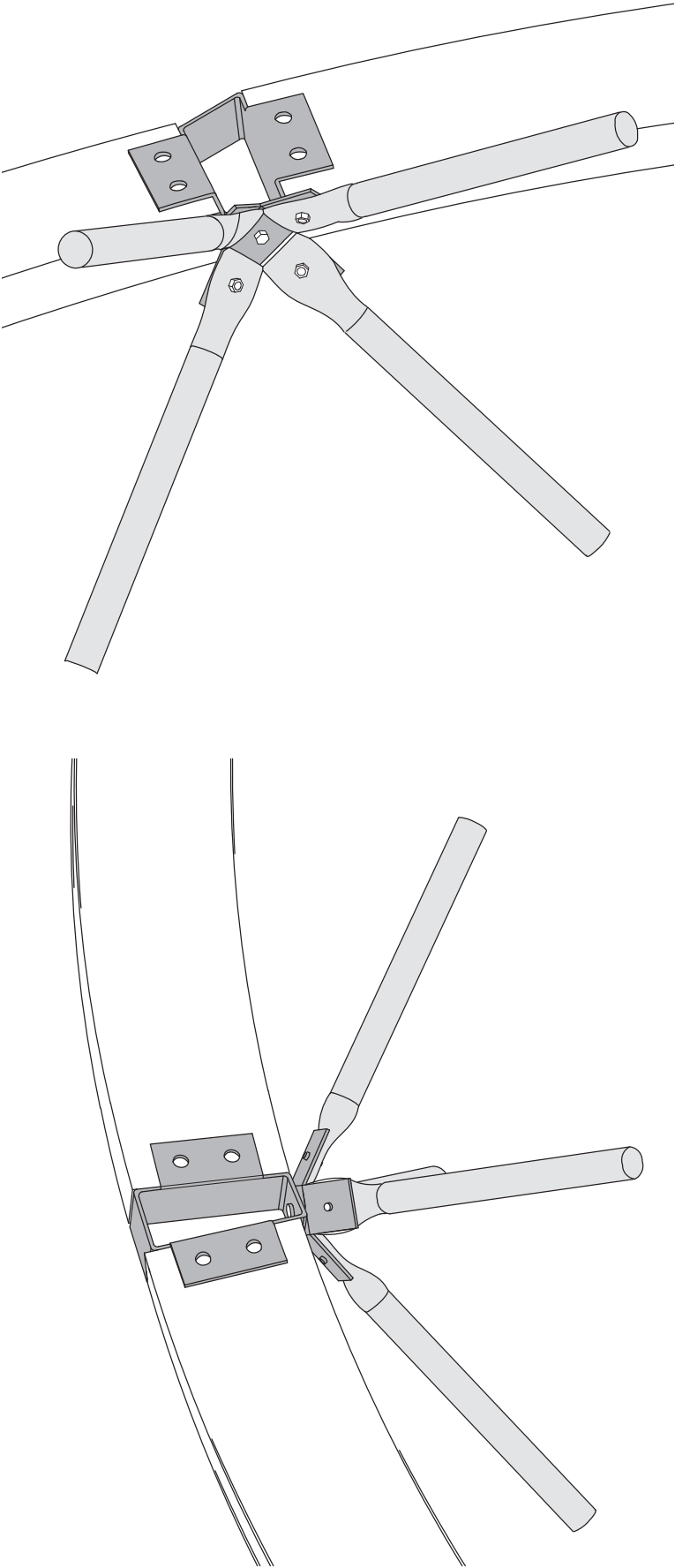
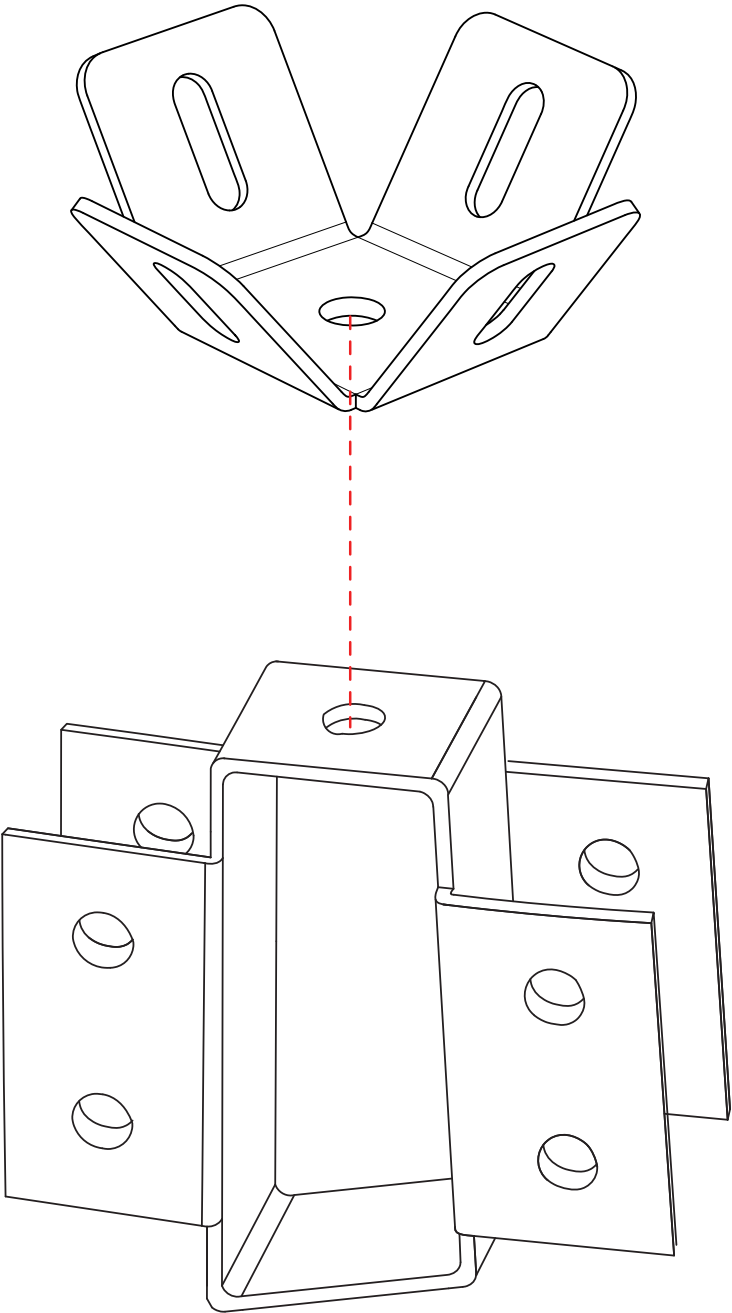
Tube crimped at both ends



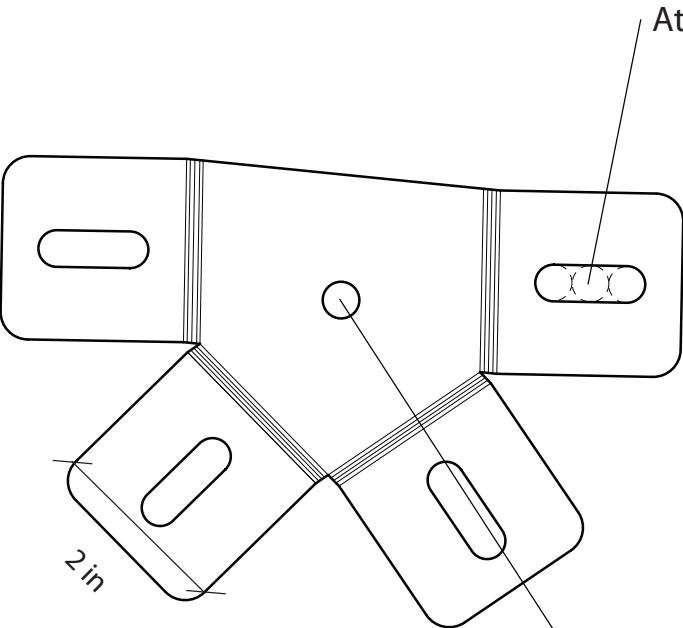
0.12 in thick
galvanized steel

0.065 in thick
galvanized steel

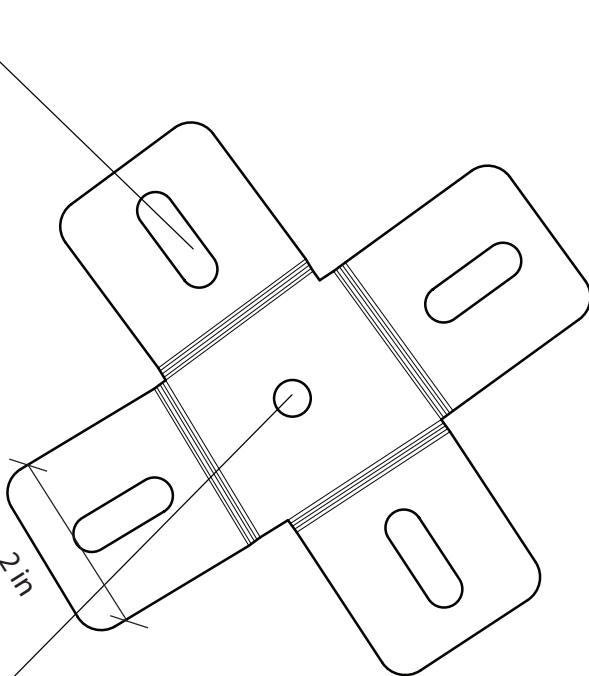
Joint assembly



Sample tube bracket 1



Sample tube bracket 2



Sample joist bracket

