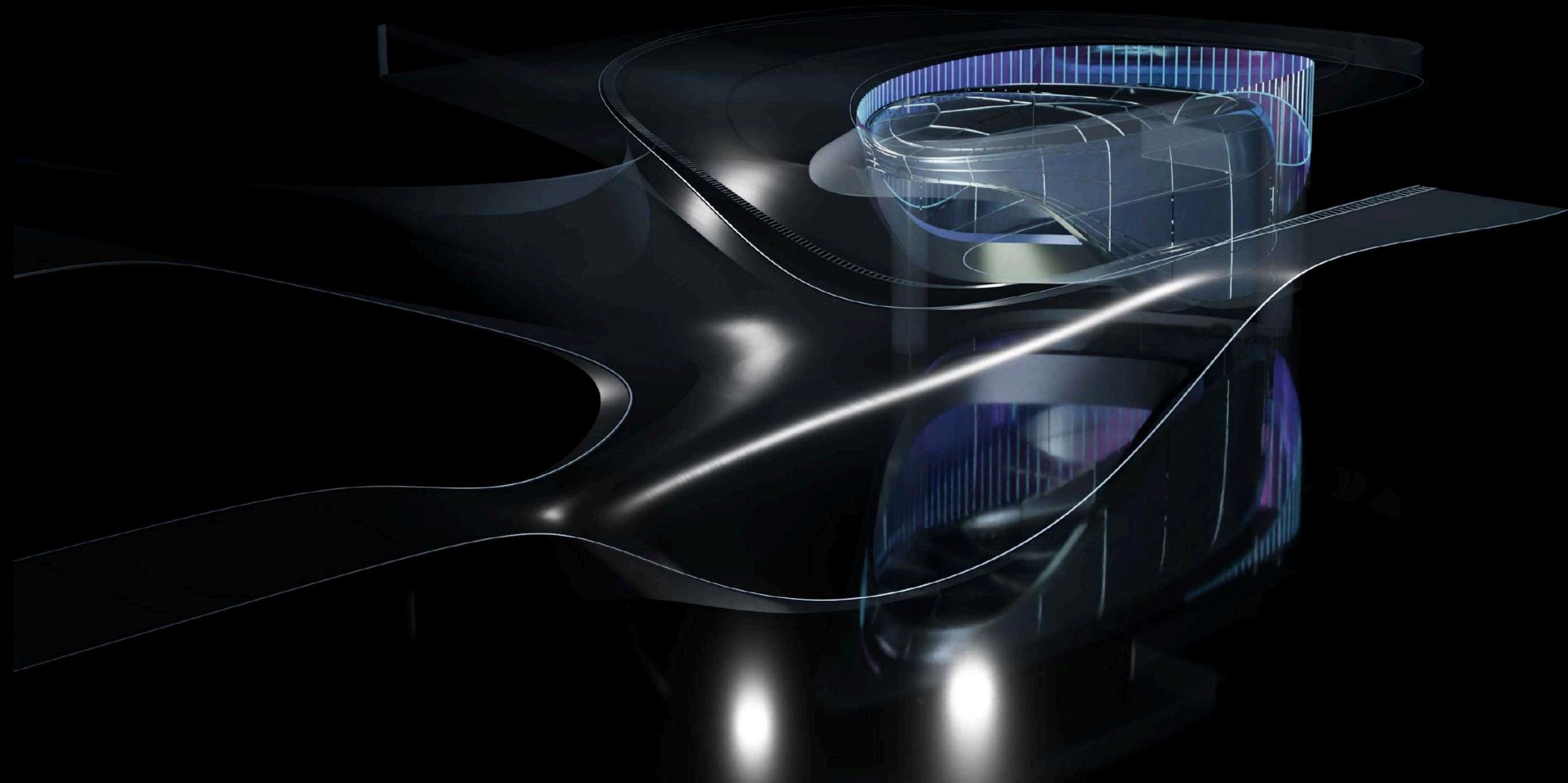# FUZES/ARCH

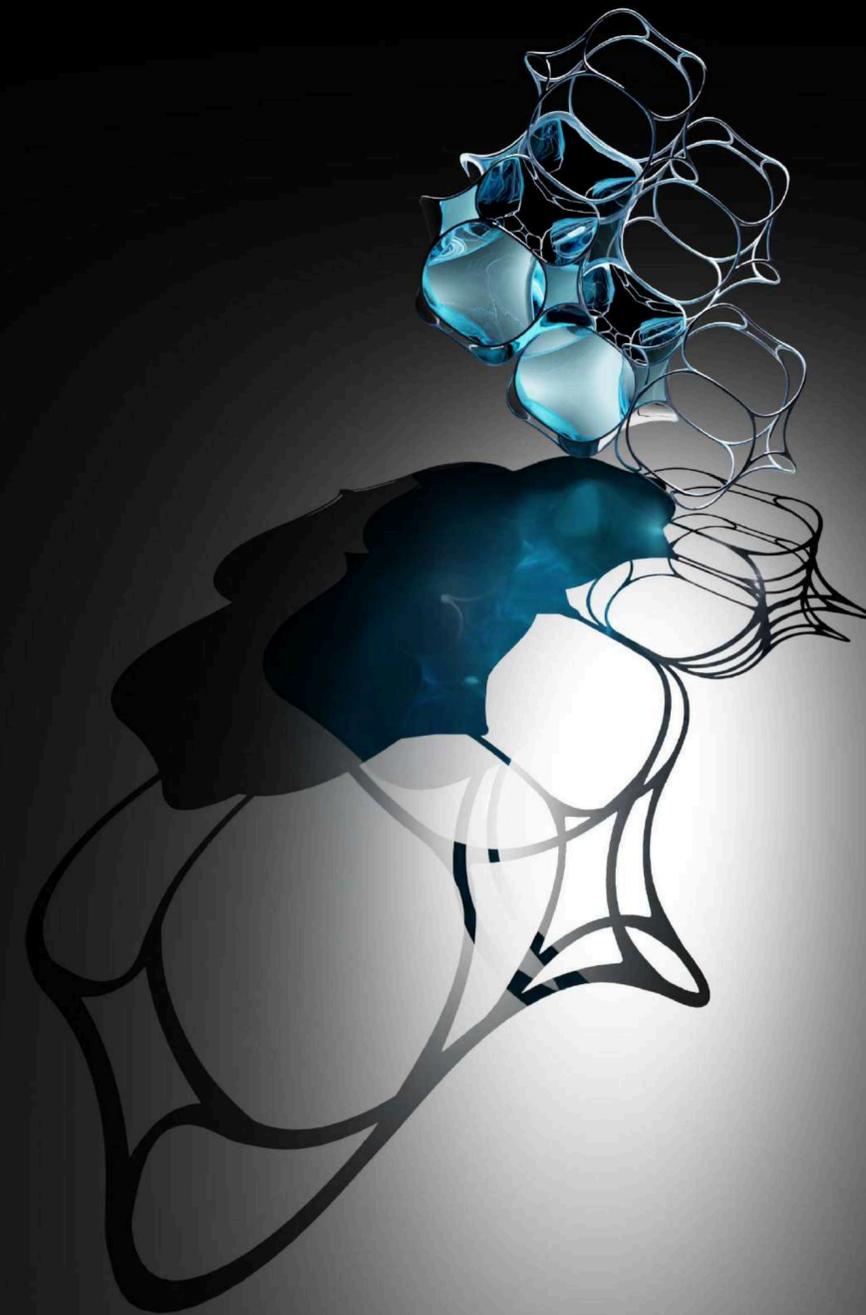**Construction-facing BIM geometry +**
computational delivery.

Modeling.

High-precision BIM 3D geometries from early massing to manufacturing-ready details and validated drawing output.

Algorithms.

Additional support with custom C# plugin development to accelerate delivery. Plug-and-play modules.
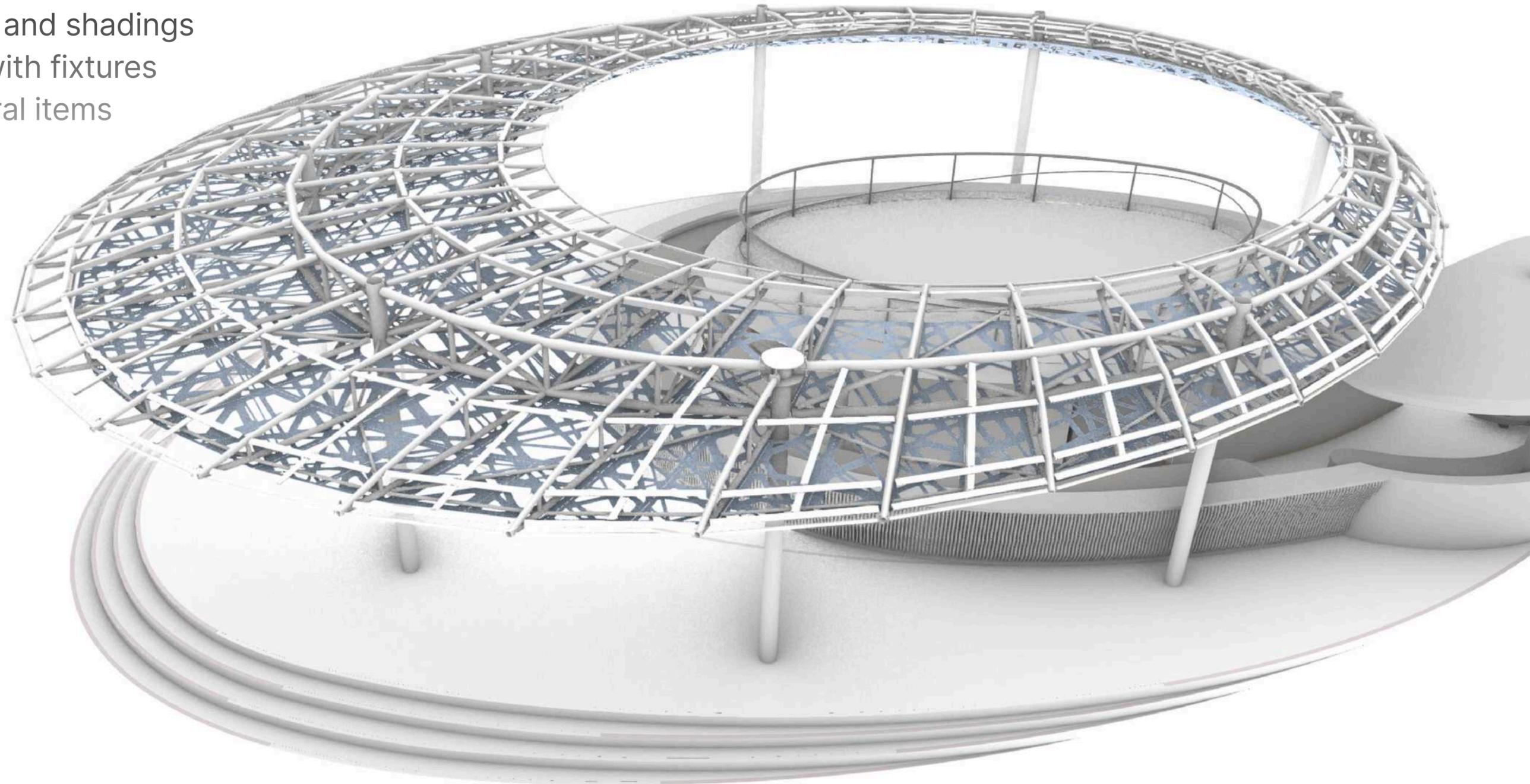
Targets.

Volumetric building shapes

Facade systems and skins

External envelopes and shadings

Interior claddings with fixtures
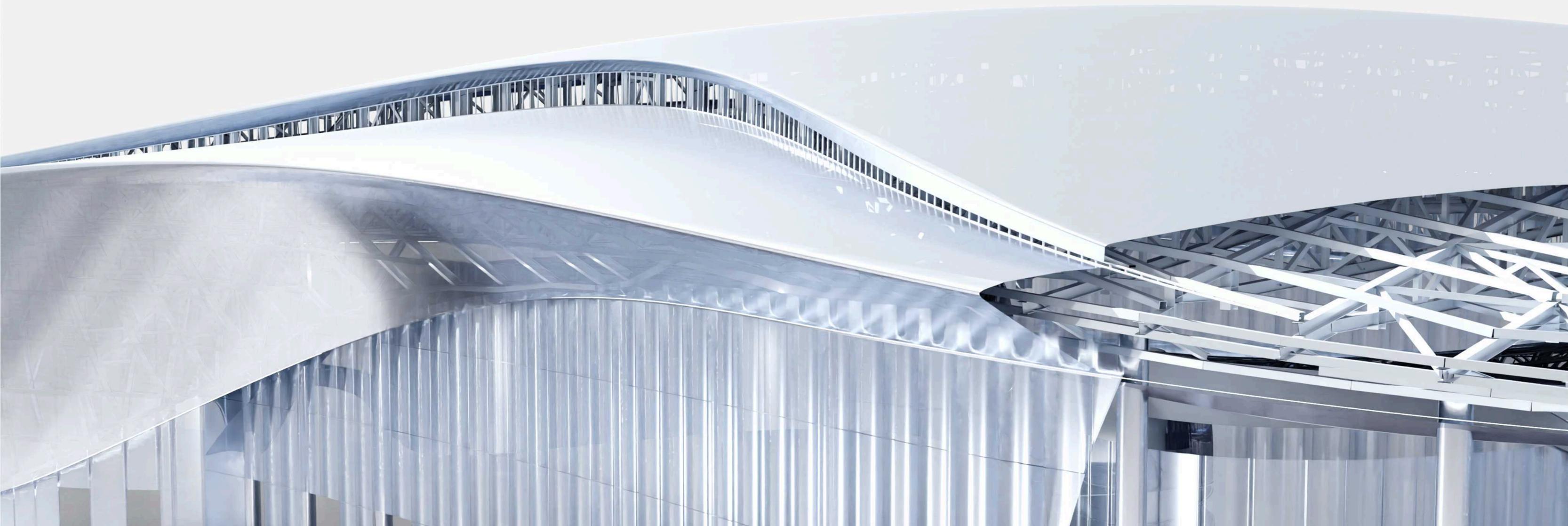
Singular or sculptural items

Platforms.

Rhino McNeel models on full programmatic control
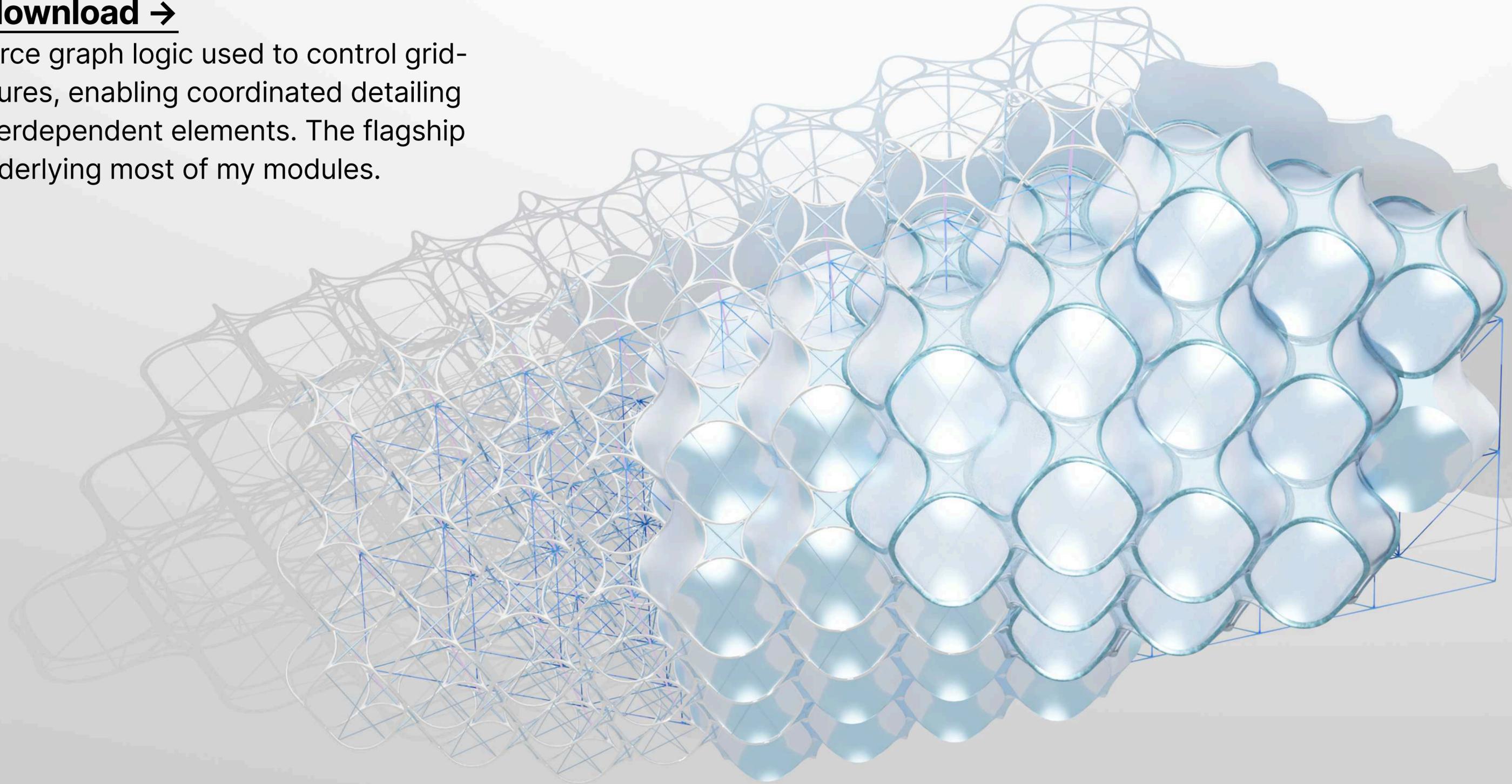
Autodesk Revit Families up to LOD 400

Graphisoft ArchiCAD data transfer via *tAPIr*
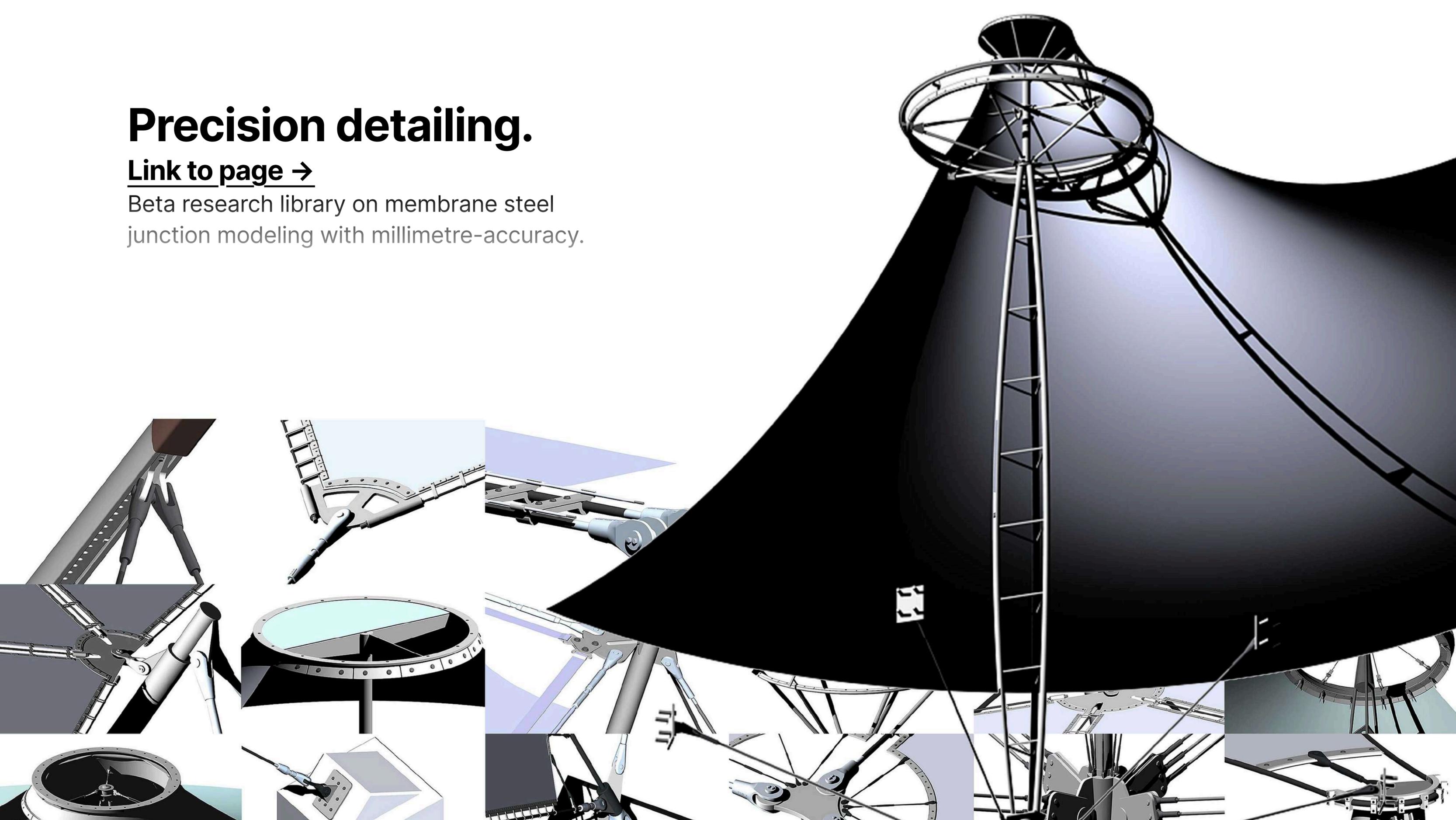
PORTIA / Graph

Link to download →

Open-source graph logic used to control grid-like structures, enabling coordinated detailing across interdependent elements. The flagship engine underlying most of my modules.

Precision detailing.

Beta research library on membrane steel
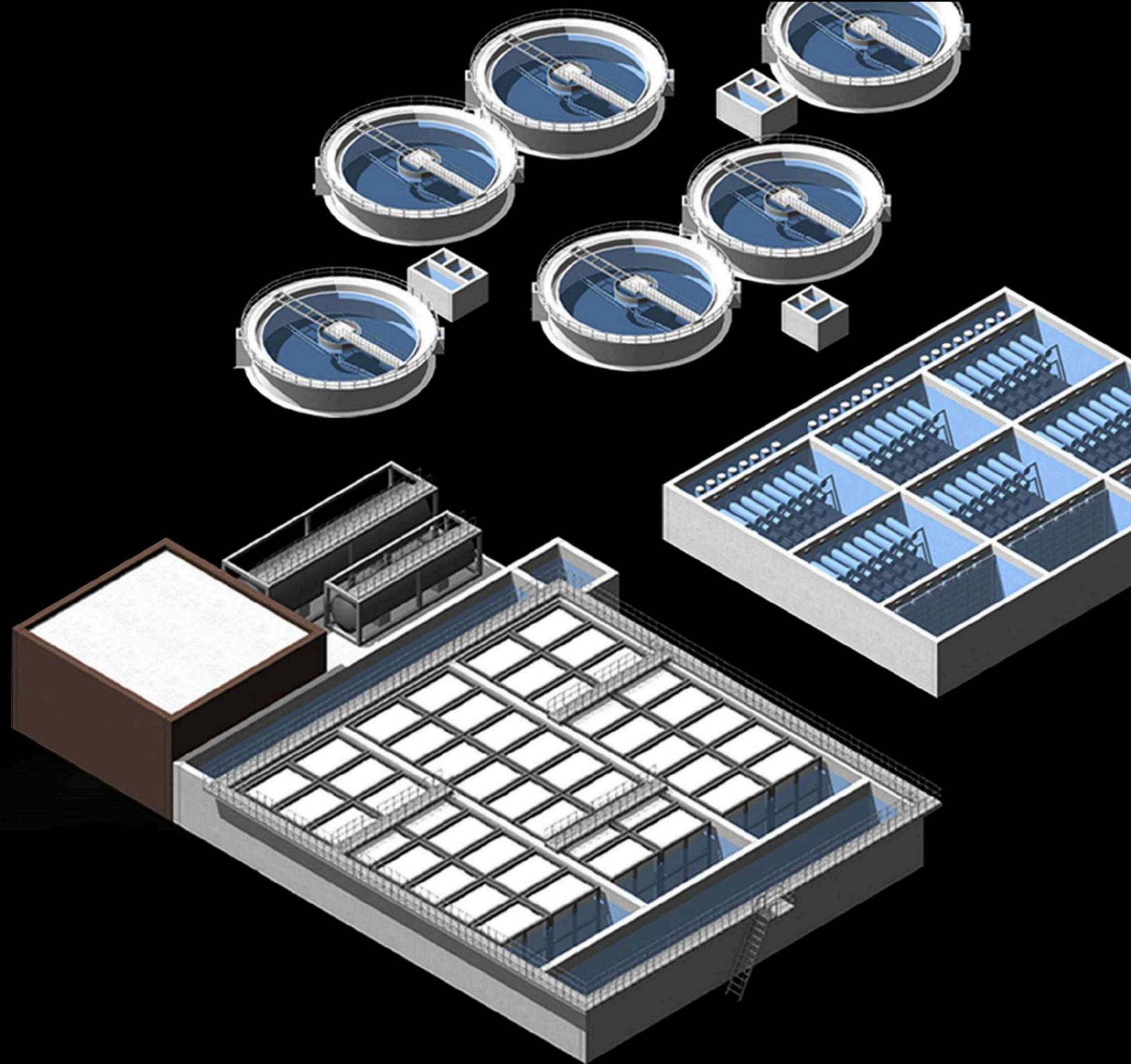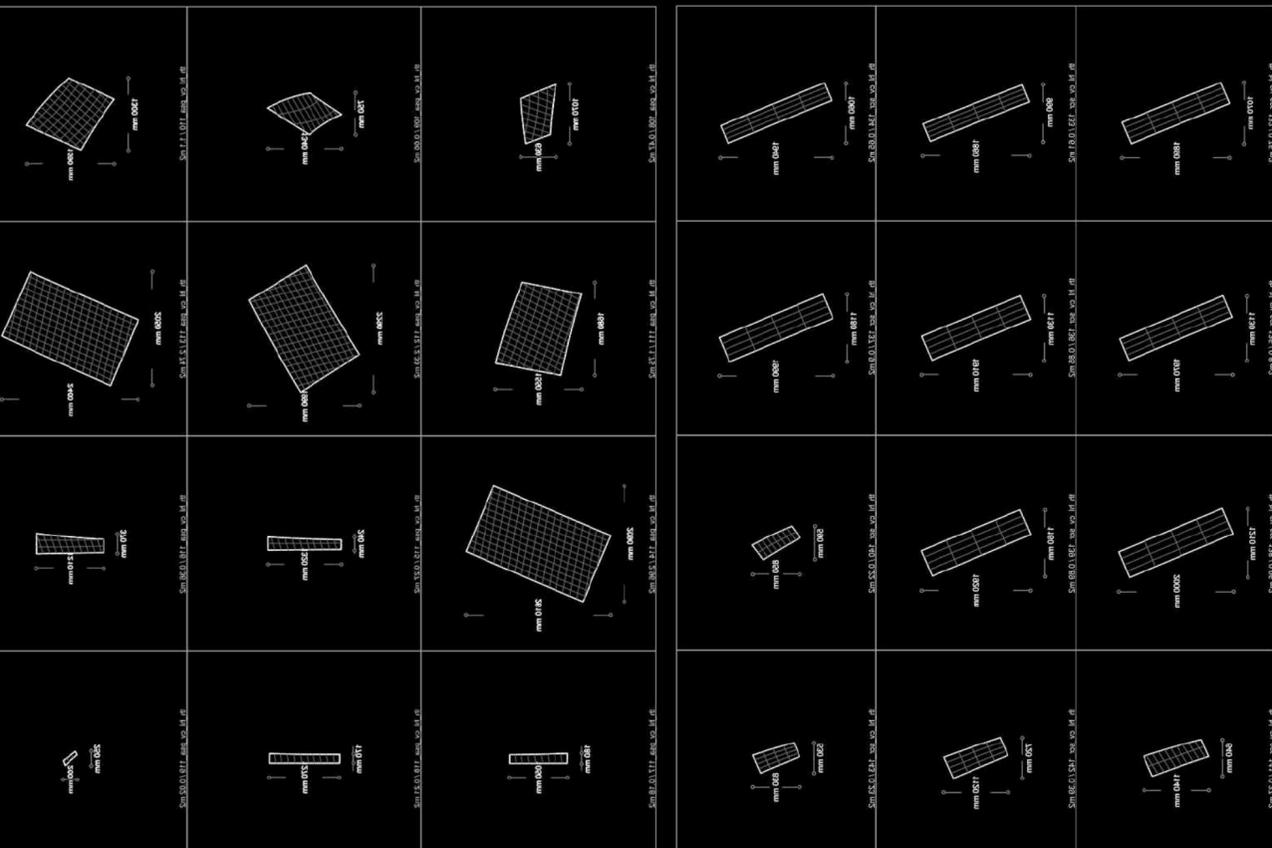junction modeling with millimetre-accuracy.

Documentation.

Automatic sheet organization
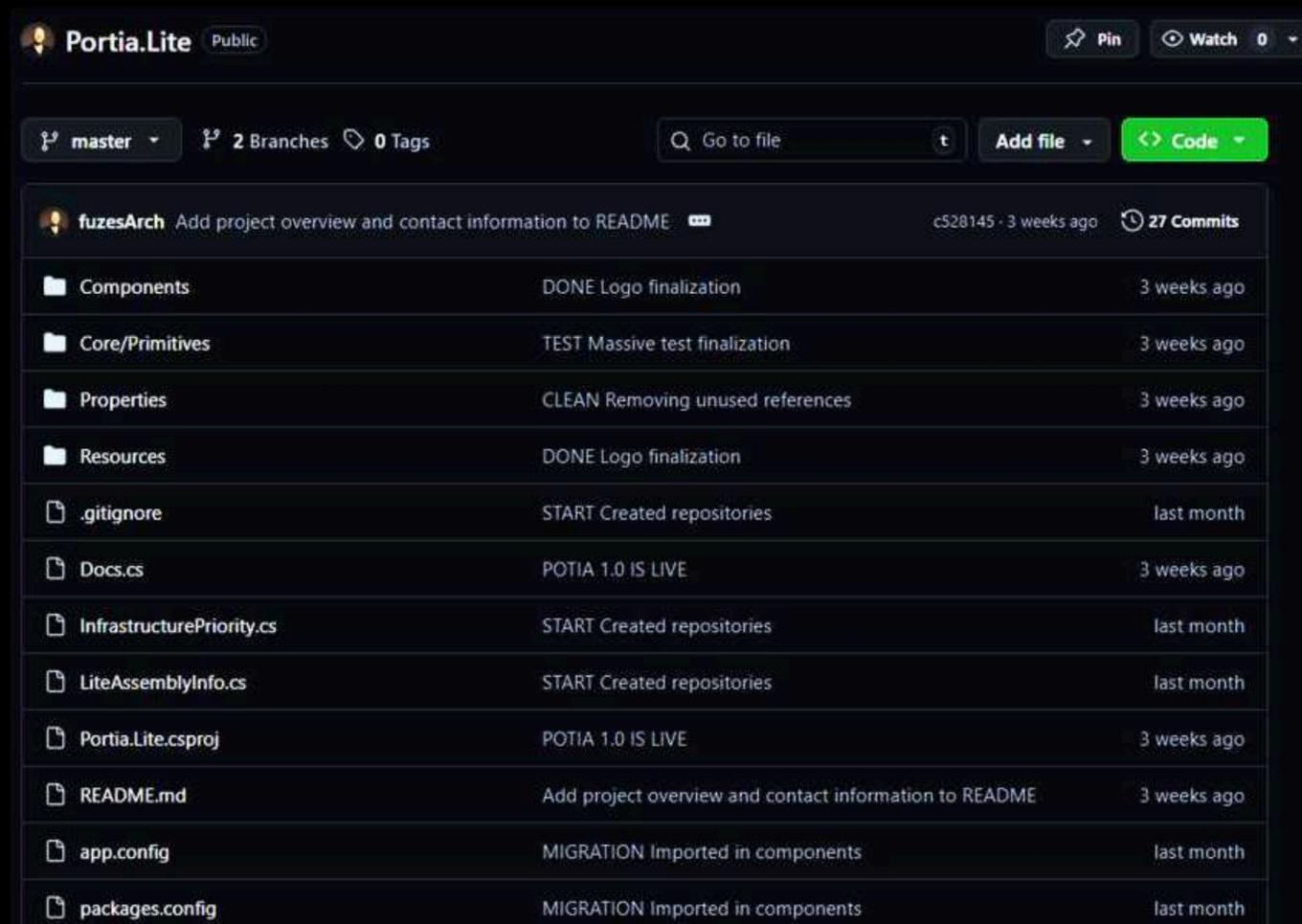Real-time viewport PDF exports
Item tagging and grouping by code

.NET C# development

Rhino plugins.

Easily activated Grasshopper components designed for absolute clarity and repeatable use. Zero coding knowledge required upon project integration.

Revit commands.

Custom BIM logic for reliable model operations, validation, and controlled data handling. Family-based transactions, automated schedule setup, error messaging and queries - based on the Revit API.

Partners.

Group Dyer
Banati + Hartvig Studio
Paulinyi & Partners Ltd.
TranscendWater
Equinox International Ltd.
...

multi-year partnership on full-scope planning
co-competition and ongoing in-house development
multi-year plugin development collaboration
software team member
competition collaboration

Awards.

Special prize 2017 National Scientific Conference
of Student Research

1st prize 2014 Genoa ACCROSS International Idea
Competition

10th prize 2008 German language National
Scientific Competition of Students

Bálint Füzes.

MSc Architect and certified
software developer.

Collaboration.

https://www.fuzesarch.com

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linkedin

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Budapest Hungary

1093 Lónyay str 42

Driven by a deep passion for geometry, I welcome any project scale and type — from standard residential to complex industrial buildings.
Let's connect if our capabilities align; I offer entirely flexible setups, including support for capacity surges, direct module deployments, project collaborations, or even complete team embedding.