

# Formglas

Shaping Possibilities

## Feature Project ■ KOI RESTAURANT

Industry: Hospitality Location: New York, New York, USA Design: I©RAVE Design Studio

■ The complex geometry of corners and precision fit of components was achieved as a result of parts made from Formglas engineered patterns and molds.



### Concept

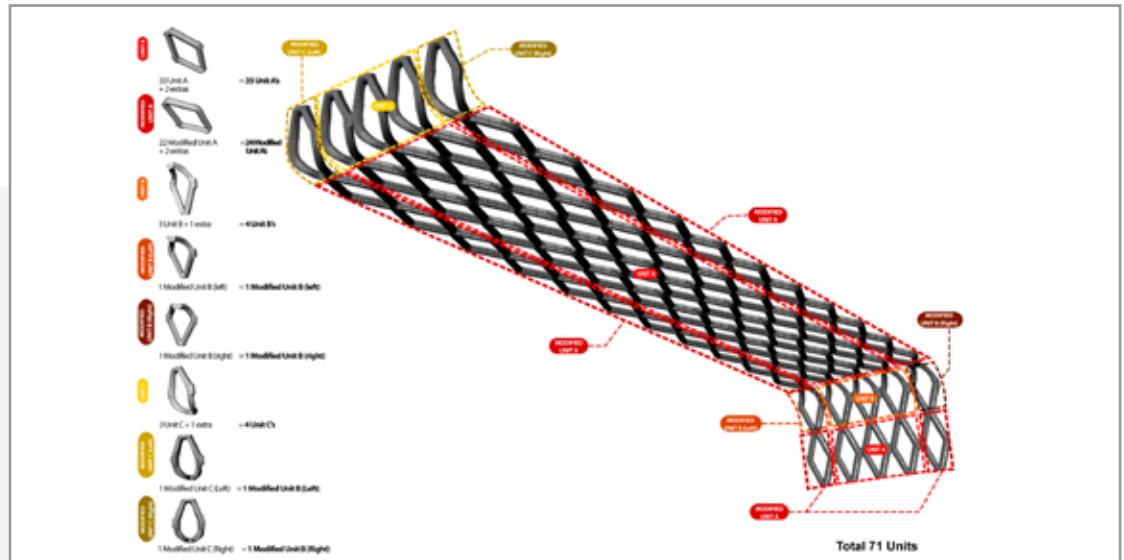
This Japanese inspired restaurant located inside of New York's fashionable Bryant Park Hotel features a suspended mesh structure designed and built to resemble a Japanese fishing net that compliments the existing site architecture and provides a sense of limitless space above.

### Specs

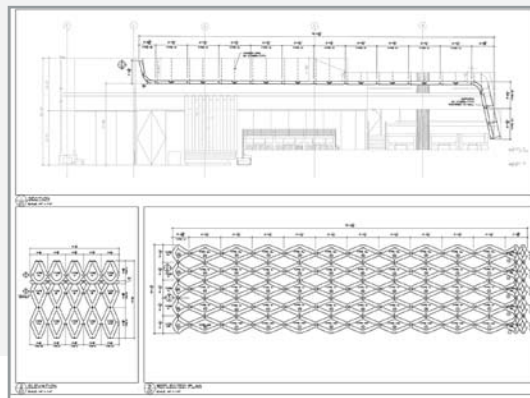
- Lightweight Formglas glassfiber reinforced gypsum (GRG) was chosen for this custom open mesh ceiling and wall design that was suspended with wire hangers.
- Large repetitive panels were cast with tape joints formed on the intersecting sections for easy finishing.
- All drawings and complex models were handled electronically between I©RAVE and Formglas with Rhino and Catia v5 software. Patterns used to manufacture precision molds were cut on Formglas' 5-axis CNC machining technology.

## Technical Specifications

Architectural Drawings



- CAD drawings utilized 3D model CNC patternmaking capabilities allowing Formglas to achieve the precise design intent of the project.



Architectural Drawings



Final Product

Custom molded products by Formglas for interior and exterior design applications are specified by more designers and architects than any other products of their kind in the world. For more than four decades, Formglas has supplied the commercial building and design industry worldwide with the highest quality molded stone and concrete textured finishes, luxurious cold cast metallics and precision engineered cast gypsum surfaces. Our team of architecturally-trained product specialists work closely with designers and architects to create practical and cost-effective solutions that reduce installation cost, provide enhanced appearance and ensure years of durability and beauty. Best of all, Formglas products and services are backed by the industry standard for quality, service and on-time delivery.

To learn more about Formglas products and services, visit our website at [www.formglas.com](http://www.formglas.com)