



VISO Design Engineers the Heart of The Joyce

Where Art Meets American Cuisine

At the center of **The Joyce**, Miami's art-forward steakhouse by Love Lake Studio, stands a bar that is as technically ambitious as it is visually seductive. VISO was entrusted with the full design engineering, fabrication, and lighting integration of this statement centerpiece — a suspended glass and metal structure that anchors the room both functionally and emotionally.

Location:

Miami, Florida

Client:

Love Lake Studio

Photographer:

Will Ellis

Year:



Design Intent :

Tucked away on Española Way, the design had to build intrigue from the street yet feel exclusive once inside.

The interiors would serve as a living gallery, layering art and intimacy, enveloping diners in curated works and creating a dialogue between food and culture.

Use of custom light and craft as narrative tools:

With VISO, custom manufactured restaurant bar structure was engineered to merge sculpture, function, and hospitality performance.

Every custom-made material, proportion, and choice of light output and direction had to elevate the sense of closeness without crowding.

The steakhouse typology is reinterpreted through playful nods to Americana, infused with South Beach drama.



Challenges :

Spatial Constraints

A compact footprint demanded the maximization of seating without sacrificing comfort or disrupting operational flow.

Large-Scale Glass Railings

The design required a 13 ft x 11 ft suspended glass railing system to display delicate yet heavy drinkware. VISO needed to ensure the structure was both visually light and structurally sound, despite minimal suspension points.

Spanning the full 13 ft x 11 ft, the bar's suspended frame supports glass railings that appear to float effortlessly beneath a seamless, glossy black canopy. These railings hold fragile but weighty glasses, presenting both an aesthetic and engineering challenge. VISO's solution preserved the illusion of weightlessness while delivering the necessary strength.

Precision Fabrication & Assembly

Despite its large scale, VISO engineered, and custom manufactured the bar structure in modular components for efficient shipping and streamlined on-site assembly. Tight tolerances were critical to ensure clean, seamless joints and an overall polished finish.

Material Consistency

A glossy black metal plate, extending the full length of the fixture, was required to appear flawless—free of finish defects or surface inconsistencies. Material precision and finish uniformity were paramount.

Custom Detail Requirements

Ceiling-mounted posts connecting the custom restaurant fixture required a custom mold to achieve precise fluting, in alignment with the client, Love Lake Studio's design vision.

Lighting Integration

Custom integrated lighting was needed to both illuminate and dramatize the bar zone while preserving natural interaction for guests and staff. VISO also had to ensure that drinkware remained easily accessible for bartenders—supporting quick, efficient, high-quality service without compromising design impact.



Solution :**Engineering Structural Integrity**

VISO engineered the 13 ft x 11 ft suspended system to support the significant weight of heavy drinkware without compromising structural stability. Advanced structural modeling and finite element analysis were used to minimize suspension points while ensuring safety and load-bearing performance.

Modular Design for Assembly

To simplify logistics and ensure precision on-site, the large fixture was designed as a modular system. Each component was engineered for efficient shipping, rapid assembly, and seamless integration. Exceptionally tight fabrication tolerances ensured clean lines and minimal visible joints, maintaining the fixture's refined aesthetic.

Material & Finish Control:

Special processes were developed to deliver a flawless, continuous glossy black finish on the metal plate, achieving visual unity across its full length.

Custom-Molded Ceiling Posts:

Posts were manufactured with a bespoke mold to replicate exact fluting details, ensuring the architectural vision translated seamlessly from design intent to physical build.

Lighting as Atmosphere:

Integrated VISO fixtures balanced theatrical drama with functional illumination, enhancing both the art display and the bar's jewel-box quality.

The result is an elegant balance between architecture, craft, and precision engineering — a centerpiece that defines the atmosphere of The Joyce and exemplifies VISO's ability to merge form, performance, and fabrication excellence.

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