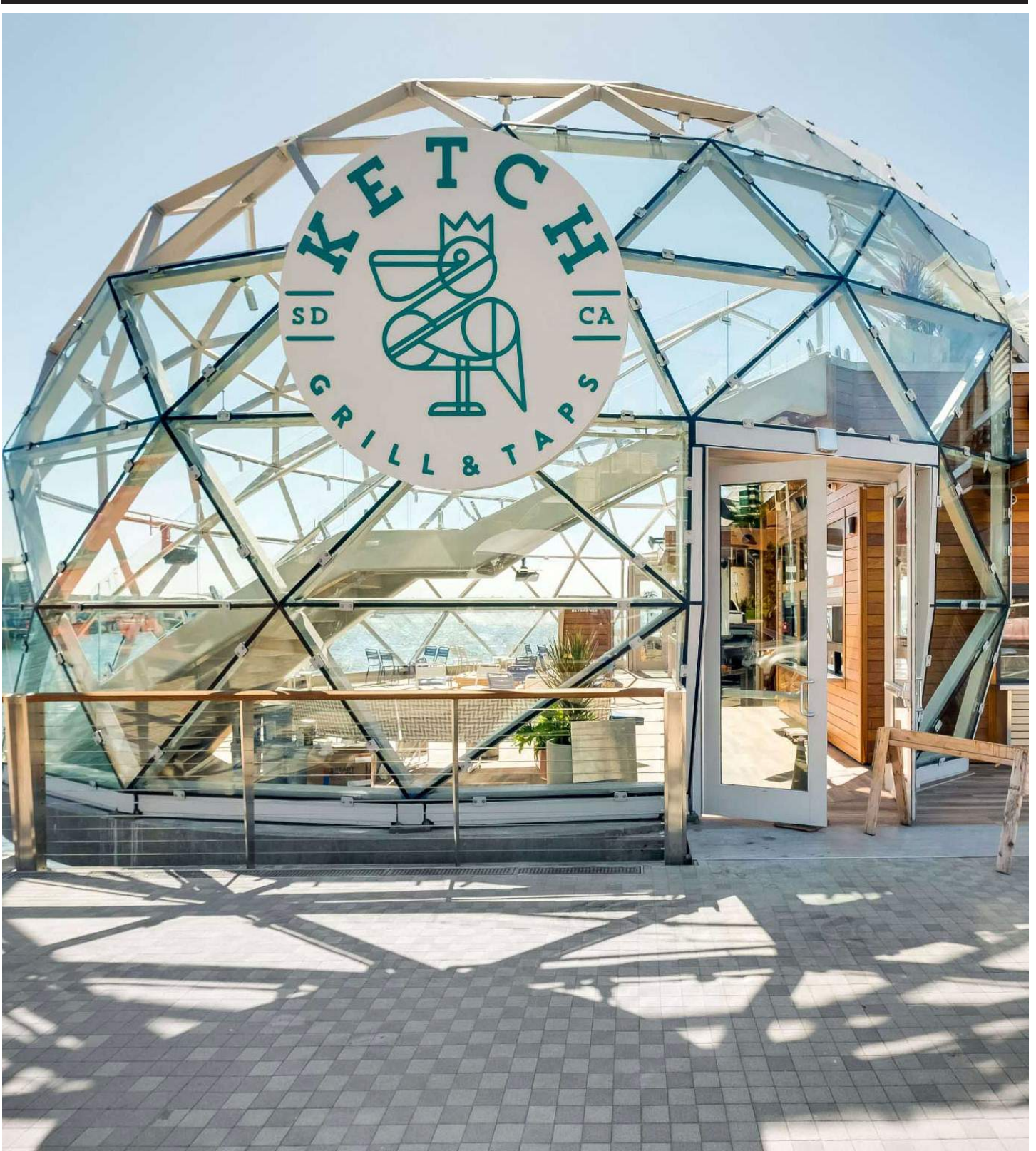


Portside Pier

San Diego, California, USA

Project Data Sheet

NOVUM



Specifications

Project: Portside Pier
Application: Atrium
Location: San Diego, CA, USA
Size: 3,875 ft² / 360 m²
Architect: Tucker Sadler Architects -
San Diego, CA

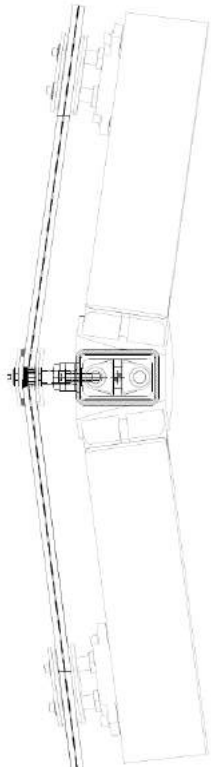
Novum Systems

Structural

FF: The backbones of the Atriums are made up of the Novum Free Form System (FF-System). The Free Form structure consists of custom zinc plated and painted machined steel nodes, galvanized and painted rectangular steel tubes, 5"x3" typically. The custom nodes allow for the unique angles to be achieved for each atrium.

Glazing

ECG: The Atriums are laminated clear glass that are supported with the Novum Edge Clamped Glazing System (ECG-System). The exterior and interior ECG cap plates create the angles needed to achieve the unique shape of the desired structure. All of the glass is fully tempered and heat soak tested. All of the glass panels are triangular in shape, with approximately 5 ft long sides.



Design Solution

Novum became involved in this project in a Designer Assist role at the SD phase. The architect's goal was for the Atriums to resemble cast fishing nets to honor the fishing heritage in San Diego, CA. Novum assisted the architect with 3D modeling of the two glazing structures. With Novum's Systems, and the use of the structural glazing, larger glass panels were possible, which maximized the transparency and boosts the waterfront dining experience. Novum's Designer Assist process was able to track the costs and ensure the proposed solution met the owner's budget goal. After the Designer Assist process was complete, Novum was contracted to engineer, fabricate, furnish, and install the project.

