

PARASOLEIL CASE STUDY

Burbank Town Center

Burbank, California

Completed March 2018



PRODUCT DETAILS

APPLICATION

canopy and shade

MATERIAL

1/4" aluminum

PATTERN

Custom

FINISH

Custom

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PROJECT DETAILS

SITUATION

The Burbank Town Center was a renovation project in a mid-century modern neighborhood looking to transform a past focal point back to a gathering spot for the community. The sophisticated aesthetic required many unique sizes over a large span that needed to be engineered and durable.

SOLUTION

Parasoleil partnered with all stakeholders to design a comprehensive panel system engineered to endure significant wind loads. Working closely with the contractor, we created a labeling system to simplify installation and a batching process to reduce manufacturing costs.

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From the Client

OWNER

Cypress Equities

They needed an aesthetic that was consistent with the mid-century modern neighborhood and was durable and maintenance free. Parasoleil worked closely with the owner's team to understand their design intent and provide design guidance on the front end to satisfy the custom pattern geometry design and assembly.

SPECIFIER

505 Design

They needed a solution that could be specified with a company who specialized in custom pattern design and could engineer the entire system. Parasoleil worked closely with them to ensure durability, satisfy engineering requirements for wind loads, and provide pattern guidance that was artfully integrated and easily manufactured.

CONTRACTORS

Weiss Sheet Metal

They wanted a comprehensive, commercial grade solution that was efficient to install. The custom labeling system laser cut into each panel ensured a successful installation and the installers reported no issues. The panel and hardware system provided a fail-safe method to minimize field modifications.

PANEL

- 1/4" aluminum with steel support structure
- 238 panels total
- 100 unique sizes on canopy

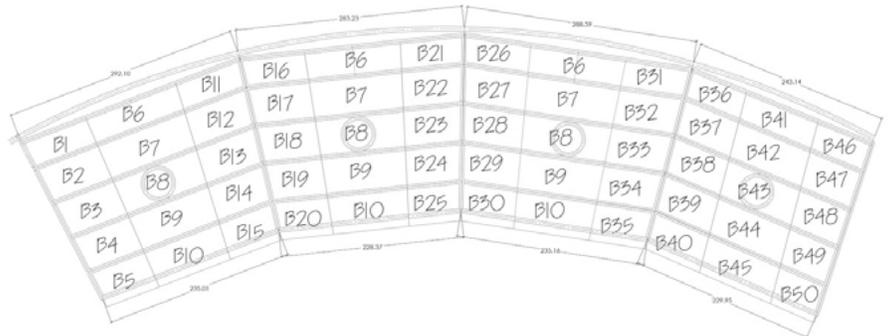
HARDWARE

- Parasoleil Flat Mount (PFL) System
- Powdercoated PFL hardware and fasteners to avoid corrosion and match the custom panel finish

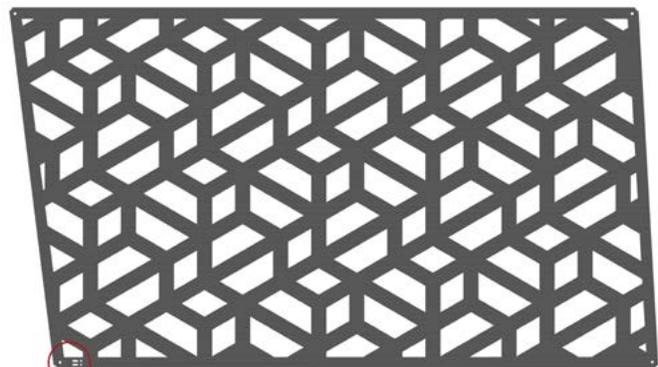
ENGINEERING

- Wind load report required support every 24" on-center to satisfy wind speeds

The pattern development and panel layout were complex as the sub-structure required different size panels but used the same installation method.



Parasoleil managed production, delivery, and panel labeling to satisfy set installation schedules. The complexity of the different panel sizes required a special lasered labeling system to ensure a smooth installation.



- 1 # Horizontal Slots (2) = Panel Set (B)
- +
- 2 # Holes (2) = Panel # (2)
- = Panel B(2)



Panel: (B2)
Quantity: (1)

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