

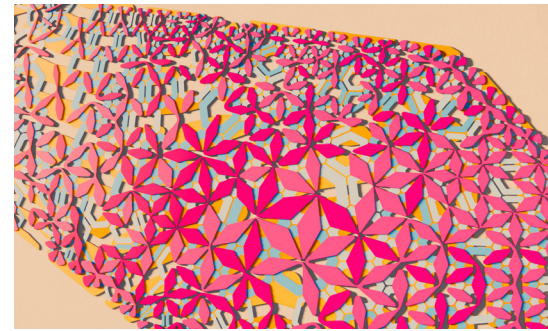


Floripalmae

Pompano Beach Cultural Center

2025

Epoxy Painted Aluminum
(1/8", 6 Colors, Riveted & Anchored)



Etymology:

Flori-: from flos, floris — Latin for flower, bloom, or blossom
-palmae: plural or genitive (possessive) form of palma — palm tree, open hand, or a symbol of victory and peace.

Evokes a surreal, Edenic species or grove — elegant, hybrid, feminine, lush, and alive with bloom.

Design, Engineering

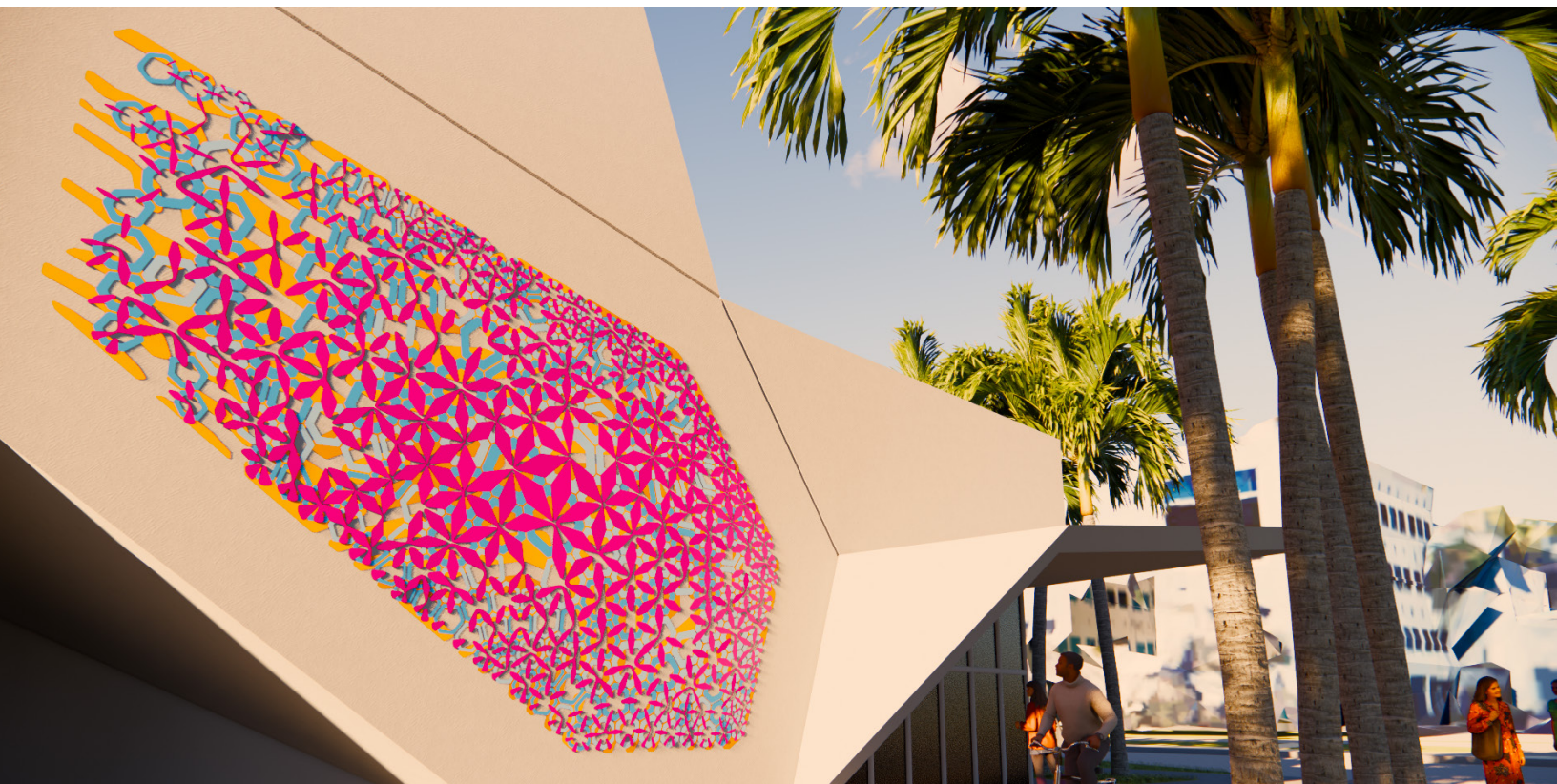
\$15,000

Fabrication

\$45,000

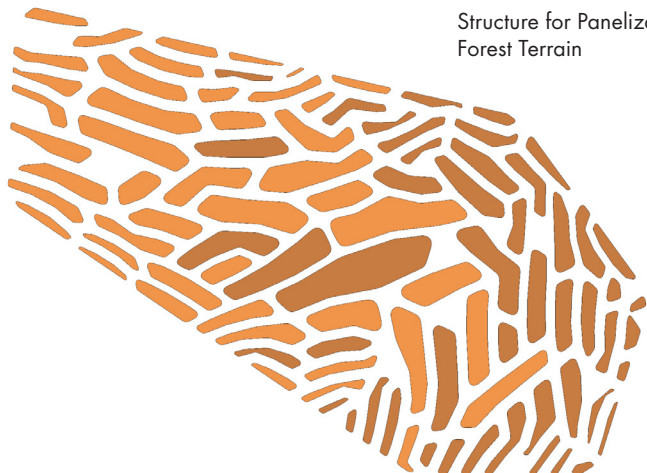
Installation

\$15,000



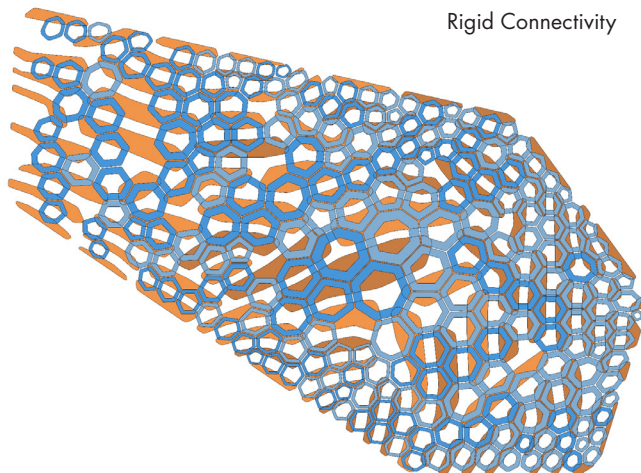
Bottom

Structure for Panelization
Forest Terrain



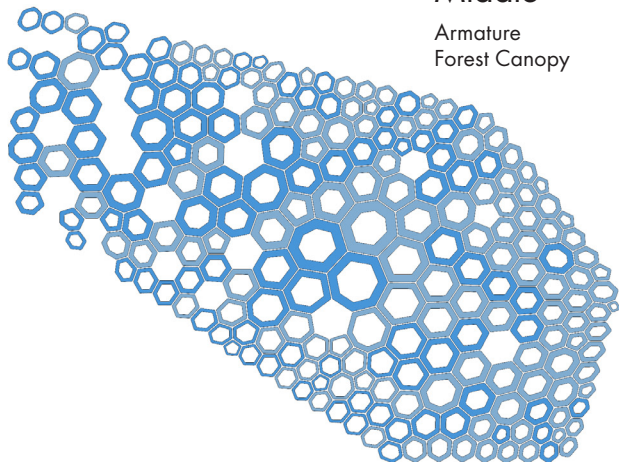
Bottom & Middle

Rigid Connectivity



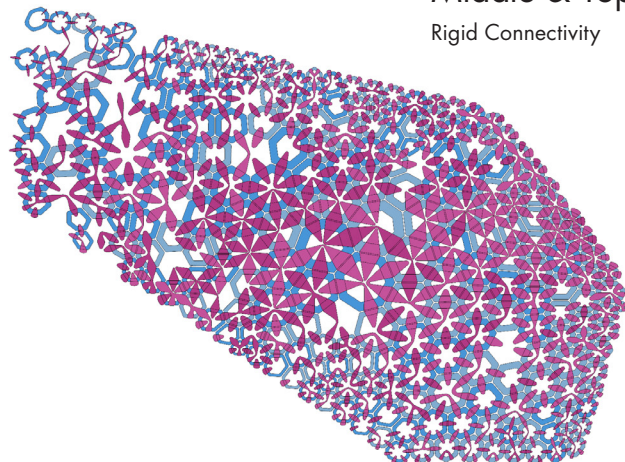
Middle

Armature
Forest Canopy



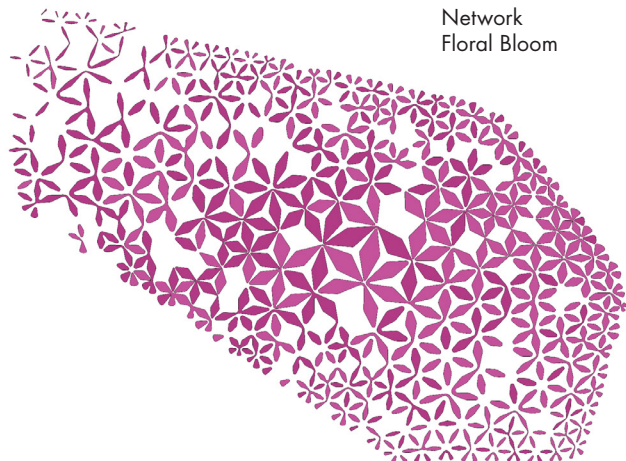
Middle & Top

Rigid Connectivity



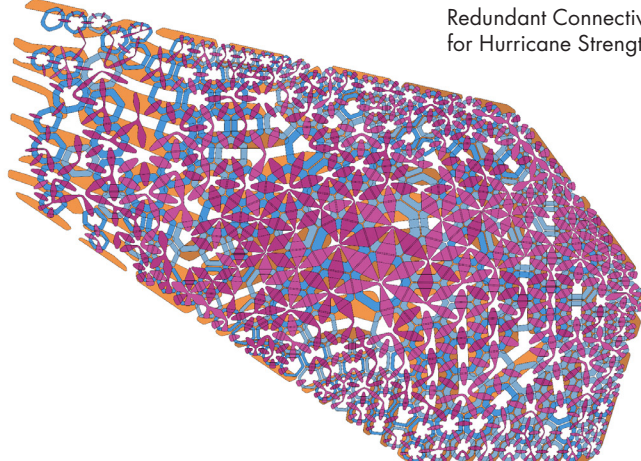
Top

Network
Floral Bloom



All Layers

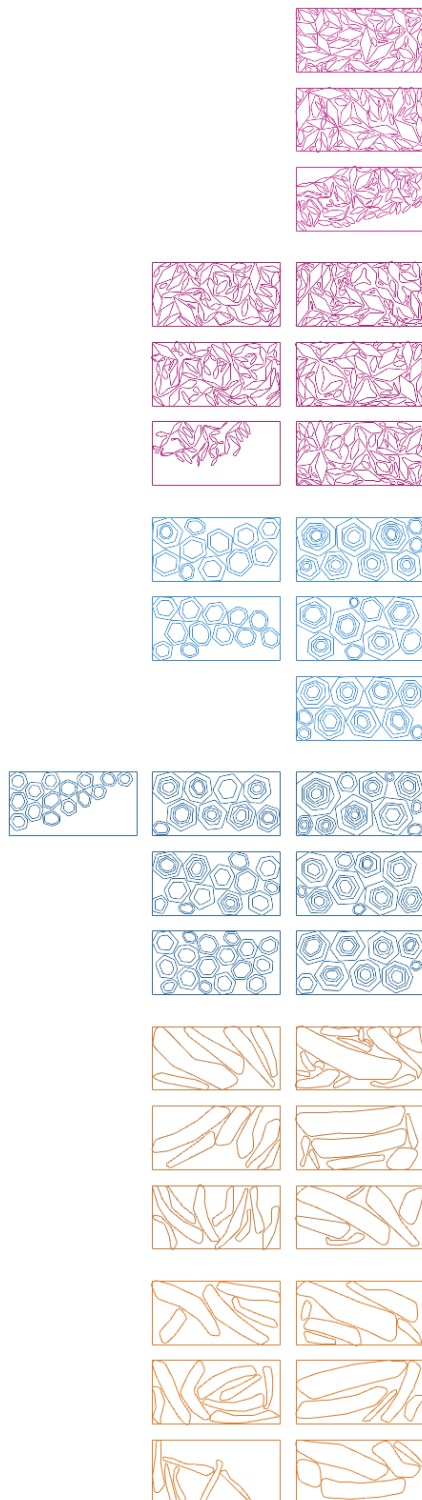
Redundant Connectivity
for Hurricane Strength



Floripalmae

Pompano Beach Cultural Center

Entrance Mural



Design

This work is a geometric exploration inspired by emergent order in natural systems—how simple rules can give rise to dynamic, complex forms. Drawing from the flora and fauna of South Florida and integrating the city's palette, the composition evokes a palm grove in bloom. The piece unfolds through a layered field of shapes, each contributing to a larger metaphor of growth, energy, and place. Three primary color sets are used to echo the city's branding palette, while a fourth green is represented by the surrounding landscape itself, completing the visual identity. As the piece ascends, its filigree becomes increasingly delicate and ephemeral, creating a fading effect enhanced by forced perspective.

Production

The sculpture is composed of three structural layers for redundancy and storm resilience. Approximately 30 standard 4'x8' sheets will be used to fabricate all components. Parts will be riveted together and labeled by location, layer, and color to streamline assembly. All surfaces will be coated with durable epoxy paint in standardized colors, ensuring long-term repairability. Panels will be pre-assembled in Seattle and securely packaged for freight.

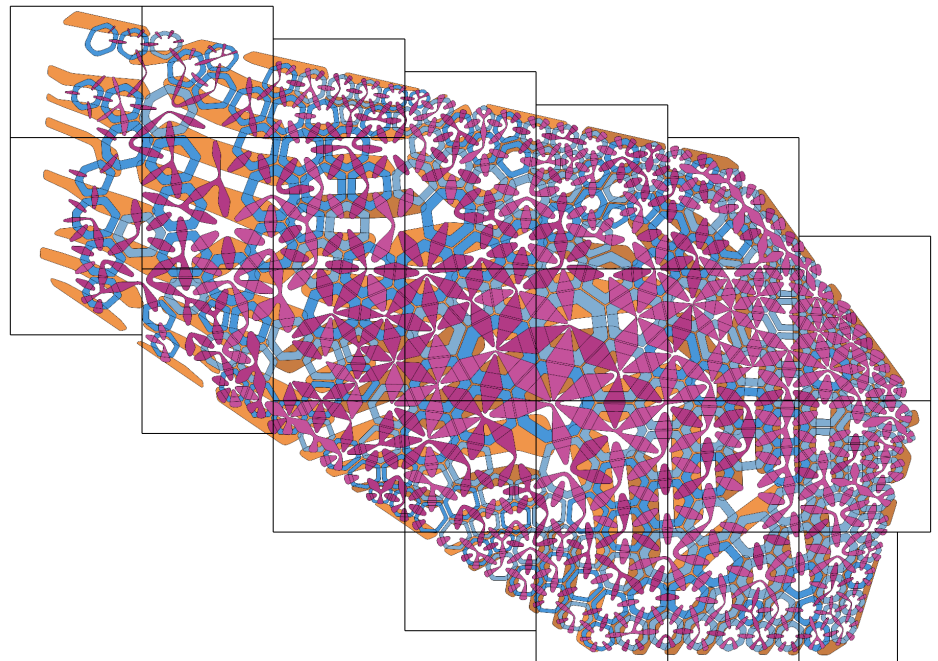
Installation

Installation will proceed from the ground up, with panels slotting together and attached to the facade through either anchoring or structural adhesive. The design allows for efficient panelization, enabling installation to be completed within a few days. A scissor lift or scaffolding will be used to assist with panel placement.

Maintenance & Repair

Designed for longevity and minimal upkeep, the structure requires only twice-yearly pressure washing to remove environmental buildup. Broader panels are placed at lower levels to reduce risk of tampering. If damaged, components can be bent back into shape or replaced using the provided digital files. Color-matched paint will also be included for touch-ups, allowing the artwork to be maintained with minimal effort over time.

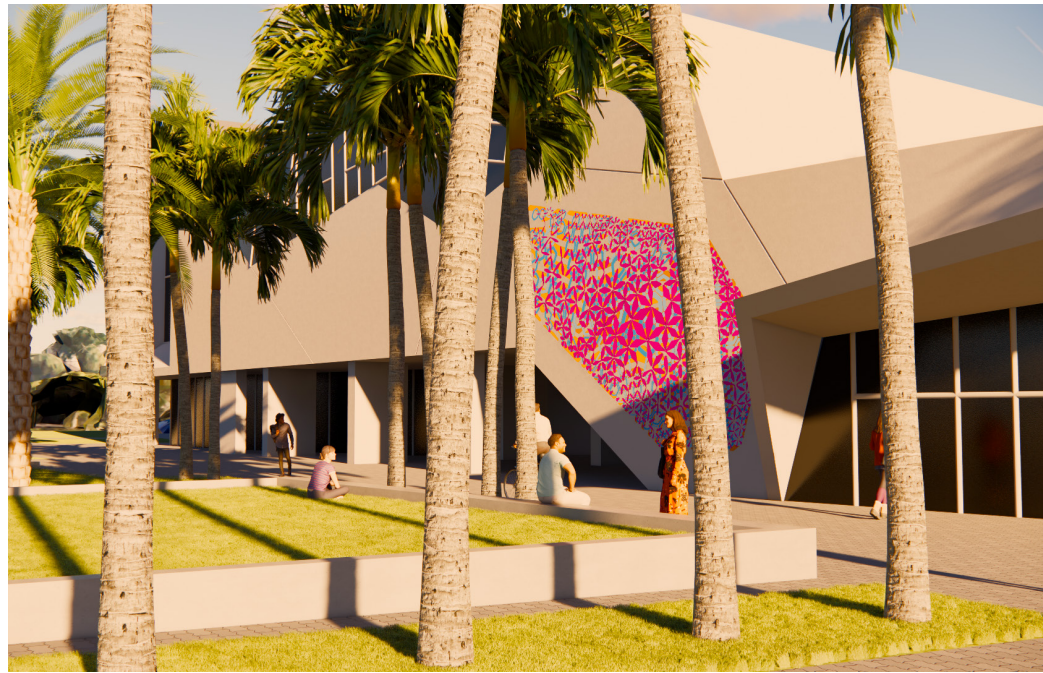
4'x4' panel study -



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Entrance Mural



DAVID EATON

Final Design Considerations

Overall, the pattern will remain of similar shapes, where the bottom layer will be linear stripes of two shades of orange, the middle layer an aggregate of ngons approaching hexagons in two shades of blue and the upper layer floral petals in two shades of magenta. The bounding shape and aesthetic will not change but the subtleties of density, size, sharpness and thickness will be refined for the final. A gradient of part reduction, openings to under layers, is desired but will be balanced with installation constraints and without sacrificing artwork longevity. Part connectivity and length will change depending on the optimization of the constraints of installation, transportation, penalization, assembly sequence, painting and fabrication.



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Project Dimensions

Projection from wall depends on a few factors but they include material thickness ranging from 1/16" to 1/8" and depend on attachment method. Given it is not ideal to penetrate the facade do to water infiltration, the artwork may need to be lighter and attached using structural adhesive. If using attachment points the artwork will need to be self structural resulting in thicker material. There may also be a desire to add standoffs between parts for shadowplay but this needs to be vetted both structurally and within the assembly process. The best course of action has yet to be determined. The overall projection from the wall can range from .1875" to 1.25"

