

Palm Springs Public Arts Commission

Beautiful Shade:

January 2025

#27

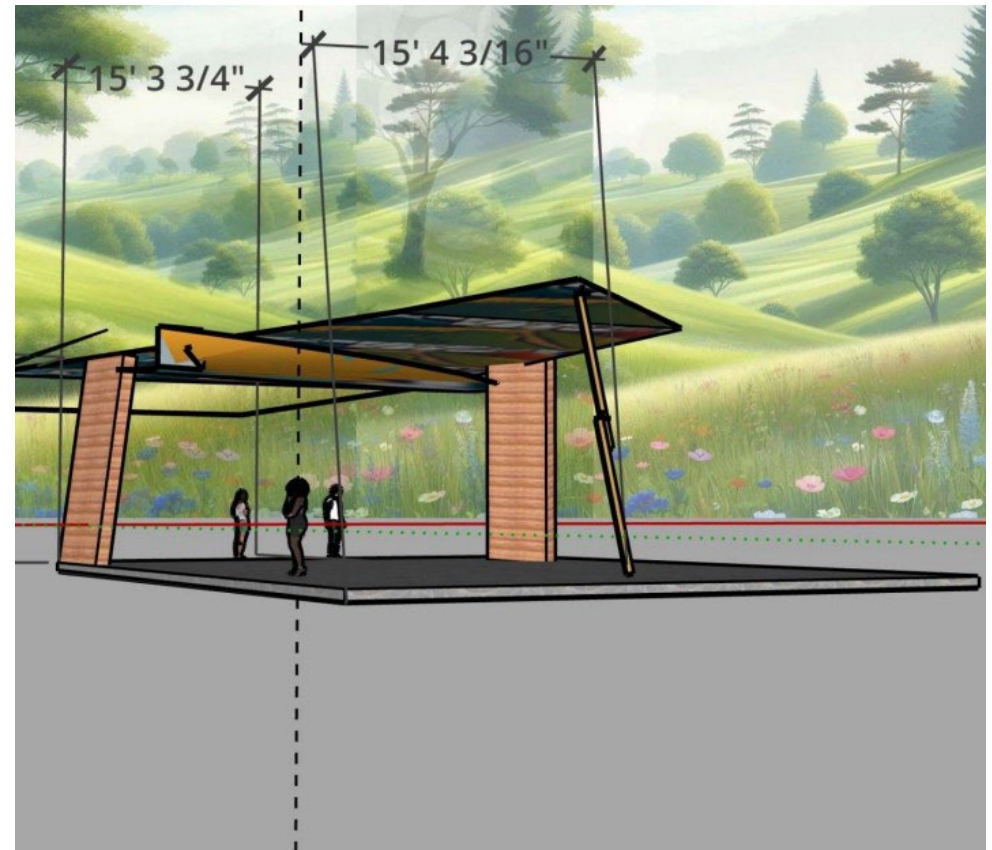
Harmony of Elements

Angie K. Smith

(Smitty Smitty Studios)

Has a vibrant-colored mural
Reinforced concrete footings,
aluminum sheeting roof

~ 15'4"



Artist: Angie Smith
instagram.com/art_molecules
801-836-4396
smittysmittystudios@gmail.com

BEAUTIFUL SHADE STRUCTURE PROPOSAL 1 OF 3 - \$50,000 TIER

Project Title: Harmony of Elements

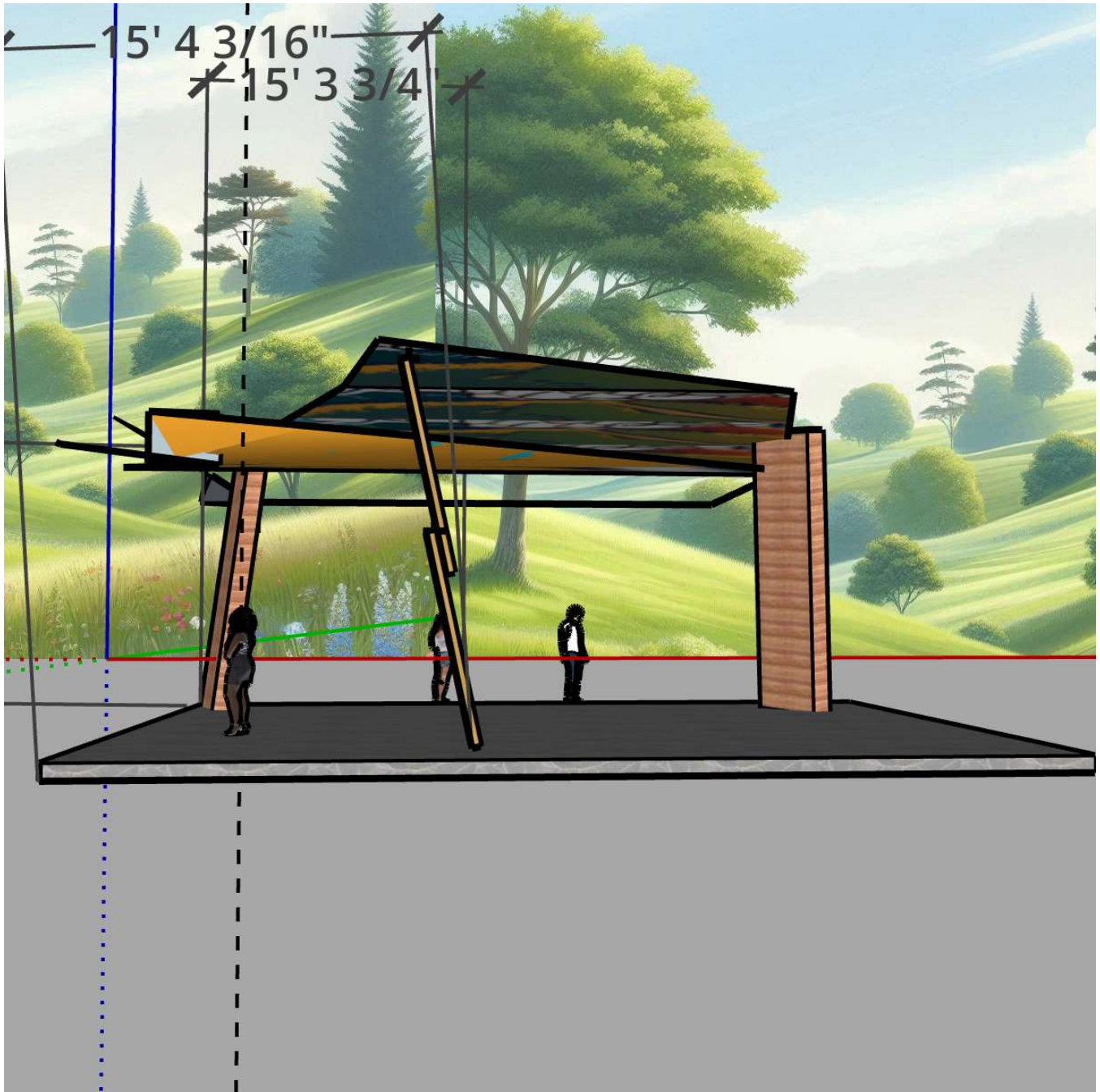
Angie K. Smith

Budget Tier: \$50,000

Project Images:

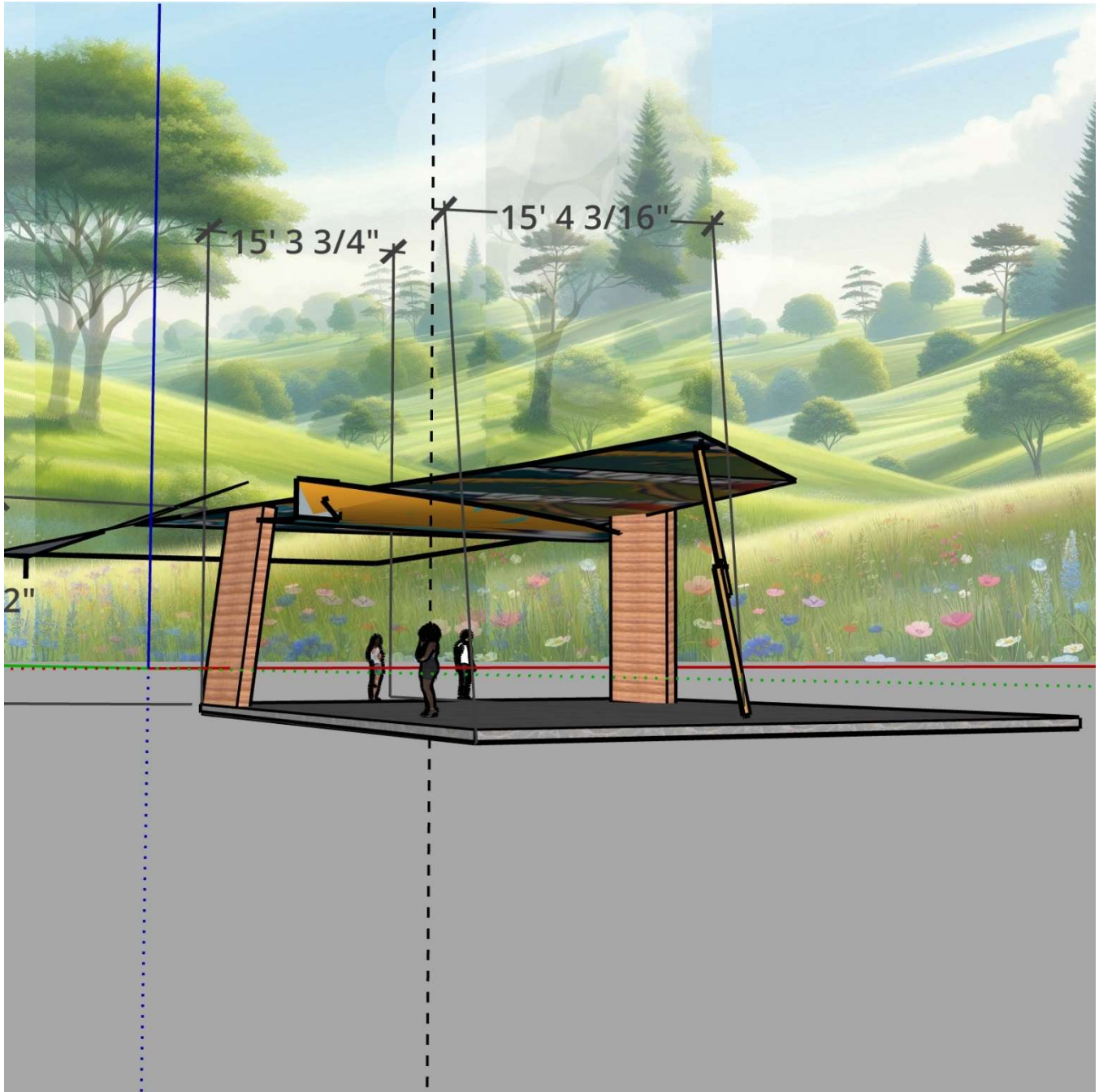
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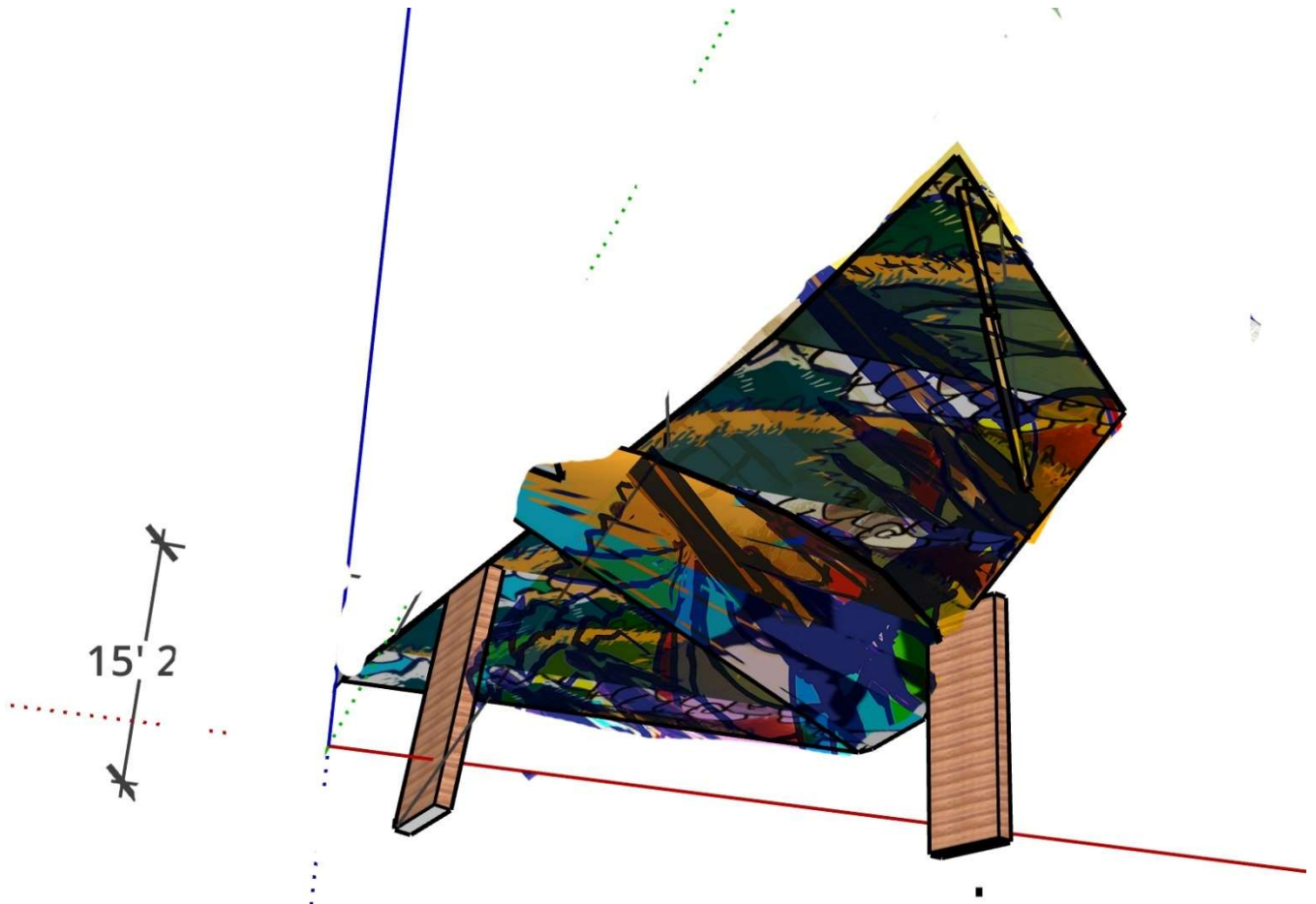
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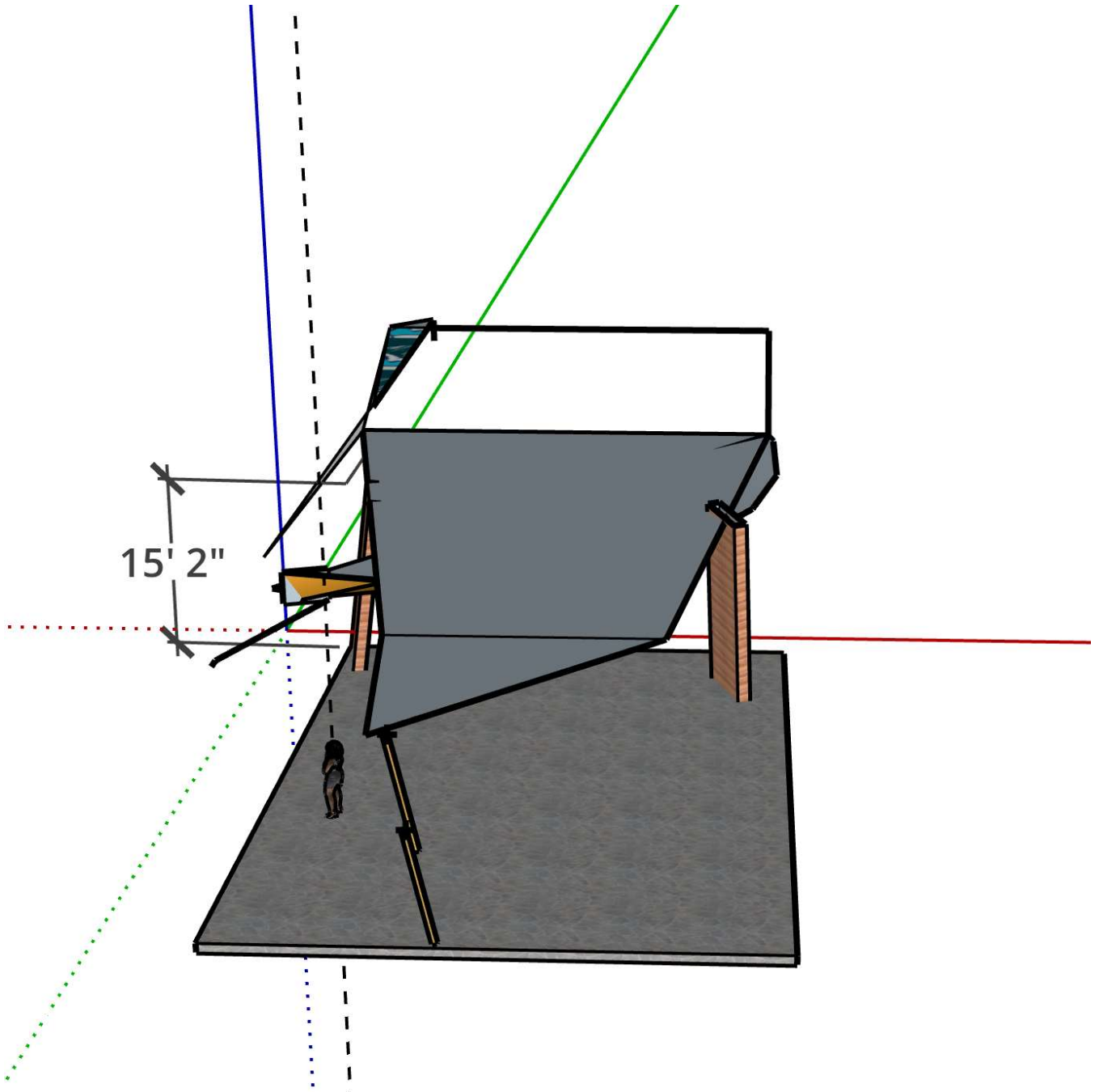
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UNDERSIDE VIEW
(See example photos for mural detail)

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Mural Description for "Harmony of Elements"

The mural created by Angie K. Smith for the "Harmony of Elements" project is a vibrant and dynamic piece designed to captivate and uplift viewers. This mural, painted on the underside of the formed aluminum roof, will feature a rich tapestry of bright colors and abstract shapes, blending seamlessly with scenes depicting community life, nature, and cultural elements.

Description

The mural's vivid palette includes bold oranges, blues, greens, yellows, and reds, creating a lively and energetic atmosphere. The intricate patterns and shapes interwoven throughout the mural add depth and movement, drawing viewers into the artwork.

Ideal facing for this shade structure in palm springs

The ideal facing for a shade structure in Palm Springs would be north-facing. This orientation ensures that the structure provides maximum shade during the hottest parts of the day, as the sun moves from east to west. By positioning the shade structure to the north, it will effectively block the intense southern sun, creating a comfortable and cool shaded area.

Recommended method of attachment

Foundation and Base

- 1. Concrete Footings:**

- Install reinforced concrete footings at each corner of the structure to provide a stable and durable base. The footings should be designed to distribute the weight of the structure evenly and prevent settling over time. Concrete footings will also help anchor the structure against wind loads and other environmental stresses.
- Each footing should be at least 3 feet deep and 2 feet wide, depending on soil conditions and the overall weight of the structure.

2. Steel Anchor Bolts:

- Embed steel anchor bolts into the concrete footings before the concrete sets. These bolts will serve as the primary attachment points for the rammed earth structure. The number and size of the bolts should be determined based on the load calculations provided by the structural engineer.

Structural Attachment

3. Steel Base Plates:

- Attach steel base plates to the base of the rammed earth walls. These plates will provide a flat and stable surface for connecting the rammed earth structure to the anchor bolts. The base plates should be securely integrated into the rammed earth walls during construction.

4. Bolted Connections:

- Use high-strength bolts to connect the steel base plates to the anchor bolts embedded in the concrete footings. Ensure that all bolts are tightened to the specified torque to achieve the required clamping force and prevent loosening over time.

5. Bracing and Reinforcement:

- Install diagonal steel braces between the rammed earth walls and the steel base plates to enhance the stability of the structure. These braces will help distribute loads more evenly and reduce the risk of lateral movement.

Aluminum Roof Attachment

6. Aluminum Roof Framework:

- Construct a lightweight aluminum framework to support the aluminum sheeting. This framework will be attached to the top of the rammed earth walls using stainless steel screws and brackets. Ensure the framework is designed to handle the weight of the aluminum sheeting and any additional loads such as wind and rain.

7. Aluminum Sheeting:

- Secure the aluminum sheeting to the aluminum framework using weather-resistant fasteners. The sheeting should overlap at the joints to prevent water infiltration and ensure a seamless appearance.

Mural Protection and Maintenance

8. Protective Coating:

- Apply a clear protective coating over the painted mural on the underside of the aluminum sheeting. This coating will protect the artwork from UV radiation, moisture, and other environmental factors, ensuring its longevity and vibrancy.

Maintenance Procedures for "Harmony of Elements" Sculpture

Routine Maintenance:

The "Harmony of Elements" sculpture is designed with durability and low-maintenance in mind, ensuring it remains a stunning feature of the public space for years to come. The materials used—rammed earth for the structural walls and aluminum for the roof—are selected for their robustness and minimal need for upkeep. Here are the maintenance procedures:

1. Rammed Earth Walls:

- **Surface Inspection:** Periodically inspect the rammed earth walls for any signs of erosion or damage. While rammed earth is highly durable, it may require minor touch-ups if small areas become worn.
- **Cleaning:** Gently clean the surface with a soft brush or cloth to remove dust and debris. Avoid using harsh chemicals or high-pressure water, as these can damage the surface.

2. Aluminum Roof:

- **Surface Cleaning:** Clean the aluminum roof with a mild soap solution and water to remove dirt and grime. A soft cloth or sponge should be used to avoid scratching the surface.
- **Inspection of Fasteners:** Check all fasteners and brackets periodically to ensure they remain secure and have not loosened due to environmental factors.

3. Protective Coatings:

- **Mural Protection:** Inspect the clear protective coating on the mural for any signs of wear or peeling. Reapply the protective coating as needed to preserve the vibrant colors and prevent damage from UV radiation and moisture.

Note:

Despite these routine procedures, the "Harmony of Elements" sculpture is designed to require minimal maintenance due to the inherent durability and stability of the materials used. The use of rammed earth and aluminum ensures that the structure will withstand environmental stresses with little need for regular upkeep. Therefore, the sculpture effectively requires no maintenance, making it a lasting and dependable addition to the public space.

This thoughtful selection of materials and design considerations guarantees that the "Harmony of Elements" sculpture will maintain its first-class appearance and permanence, contributing to the aesthetic and cultural value of Palm Springs for many years.

Materials

Aluminum Sheeting for roof

Aluminum sheeting is a versatile building material made from thin, flat pieces of aluminum. It is widely used in various construction and design applications due to its durability, lightweight nature, and aesthetic appeal.

Why It's Eco-Friendly and Beautiful:

1. **Recyclability:** Aluminum is highly recyclable, meaning that aluminum sheeting can be reused and repurposed without losing its quality. This reduces the demand for new raw materials and minimizes environmental impact.
2. **Energy Efficiency:** The production of recycled aluminum requires significantly less energy compared to producing new aluminum from ore. Using recycled aluminum sheeting helps reduce overall energy consumption and greenhouse gas emissions.
3. **Lightweight and Durable:** Despite being lightweight, aluminum sheeting is incredibly strong and durable. It can withstand harsh weather conditions, making it an ideal choice for both exterior and interior applications.

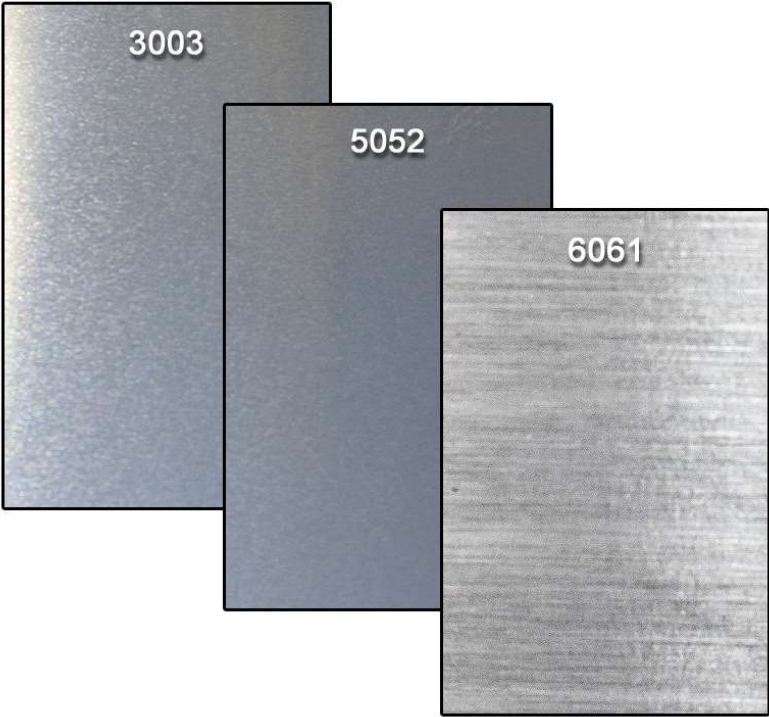
4. **Corrosion Resistance:** Aluminum naturally forms a protective oxide layer that prevents rust and corrosion. This ensures that aluminum sheeting maintains its structural integrity and appearance over time, even in challenging environments.
5. **Low Maintenance:** Due to its resistance to corrosion and wear, aluminum sheeting requires minimal maintenance. This long-lasting material helps reduce the need for frequent replacements, contributing to its sustainability.
6. **Aesthetic Appeal:** Aluminum sheeting offers a sleek, modern look that enhances the visual appeal of any project. Its smooth, reflective surface can be finished in various styles, including brushed, polished, or anodized, to create stunning architectural features.
7. **Versatility:** Available in various thicknesses, finishes, and colors, aluminum sheeting can be customized to suit different design preferences and functional requirements. This adaptability makes it a favorite among architects and designers.

By combining sustainability with beauty, aluminum sheeting stands out as an eco-friendly material that elevates the aesthetic quality of construction projects while promoting environmental responsibility.

Examples Below:

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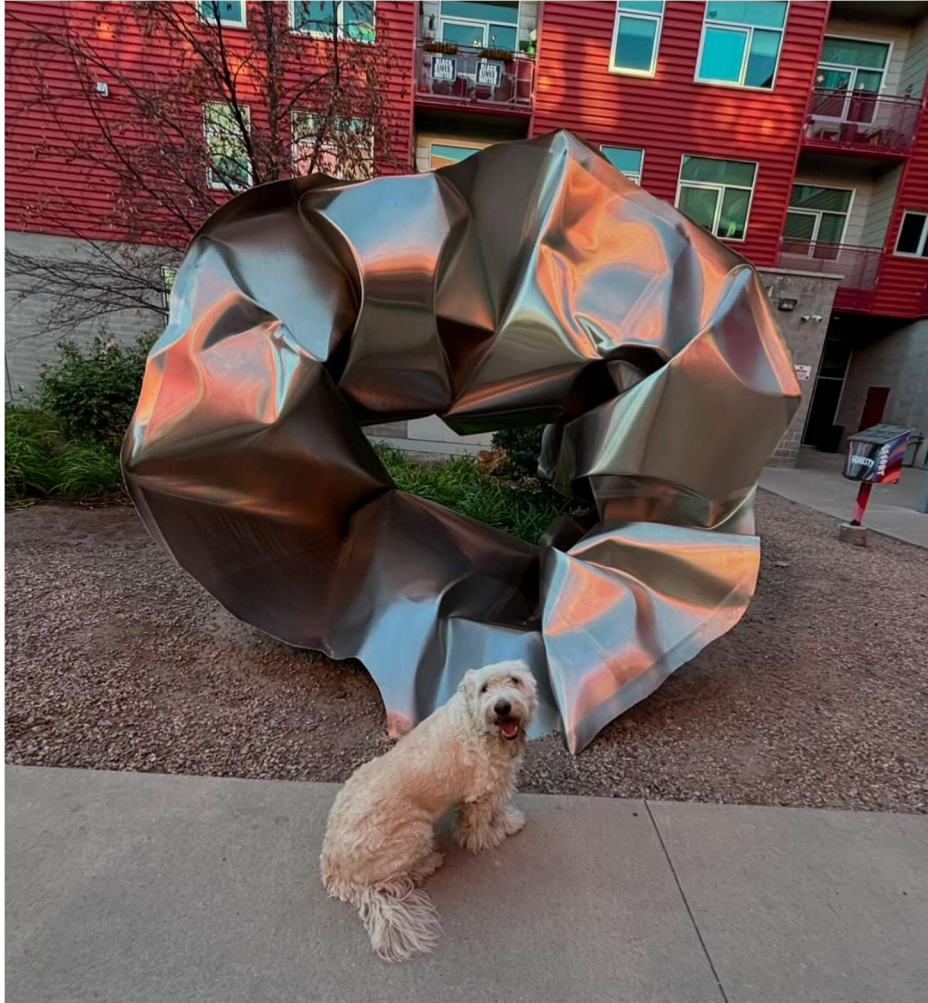
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Rammed Earth

Rammed earth is a beautiful material that consists of layers of compressed dirt, sand and cement.

Rammed earth is an ancient building technique that involves compacting a mixture of damp earth (typically a combination of sand, gravel, clay, and sometimes a stabilizer like cement) into a formwork to create solid walls. This method produces durable and aesthetically pleasing structures with a distinctive, natural appearance.

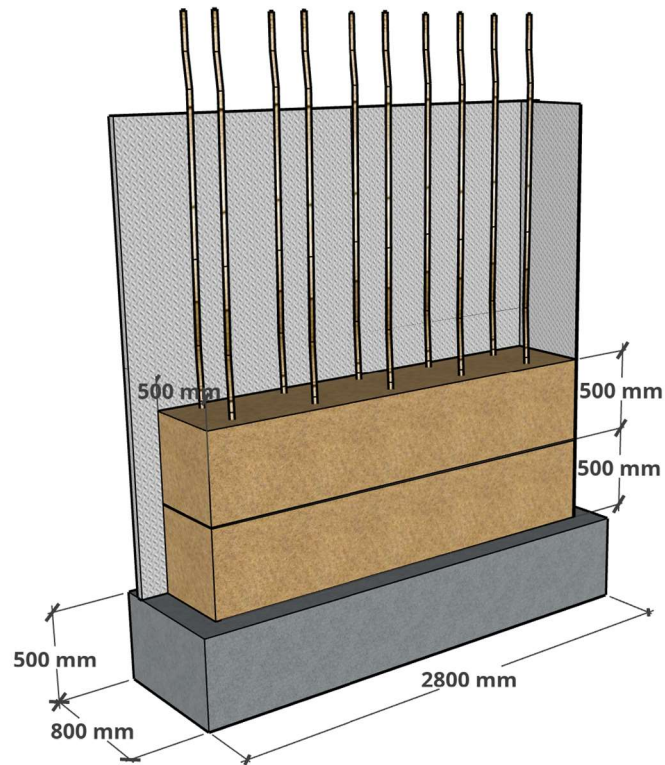
Why It's Eco-Friendly:

1. **Sustainability:** Rammed earth uses locally sourced materials, reducing the need for transportation and the associated carbon emissions. This makes it a highly sustainable construction method.
 2. **Low Embodied Energy:** The production and processing of materials for rammed earth construction consume significantly less energy compared to conventional building materials like concrete and steel.
 3. **Thermal Mass:** Rammed earth walls provide excellent thermal mass, helping to regulate indoor temperatures by absorbing heat during the day and releasing it at night. This reduces the need for artificial heating and cooling, leading to lower energy consumption.
 4. **Minimal Waste:** The construction process generates minimal waste, as unused earth can be repurposed or returned to the site.
 5. **Non-Toxic:** Rammed earth is free from toxic chemicals and synthetic materials, contributing to healthier indoor air quality.
 6. **Longevity:** Rammed earth structures are incredibly durable and can last for centuries, reducing the need for frequent repairs and replacements.
- By leveraging natural materials and sustainable practices, rammed earth of

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BEAUTIFUL SHADE STRUCTURE PROPOSAL 1 OF 3 - \$50,000 TIER



100 % Acrylic Resin Mural on underside of aluminum roofing

Project Description

"Harmony of Elements" is a public art installation designed to provide functional shade while enhancing the cultural landscape of Palm Springs. Created by Angie K. Smith, a renowned muralist and public artist, this installation combines artistic expression with practicality, making it a standout feature in the community.

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Artistic Elements: Angie K. Smith will paint a vibrant mural on the underside of the aluminum roof. The mural depicts scenes of community life, nature, and cultural diversity using a rich palette of bright colors. These colors uplift and inspire viewers, fostering a sense of joy and community pride. The mural transforms the aluminum roof into a canvas that captures the spirit of Palm Springs, adding depth and visual interest.

Eco-Friendly Aspects:

- **Rammed Earth:** Sustainable building material locally sourced, reducing emissions and utilizing low embodied energy. It helps regulate temperature, contributing to energy efficiency and comfort.
- **Aluminum Sheeting:** Highly recyclable, lightweight, durable, and corrosion-resistant, requiring minimal maintenance. Its reflective surface adds a modern touch.

Community Impact: "Harmony of Elements" engages and inspires the Palm Springs community. The bright colors and dynamic scenes in the mural enhance the visual appeal, creating an inviting and uplifting atmosphere. The project celebrates the cultural diversity of Palm Springs, promoting unity and pride among residents and visitors. Additionally, the functional aspect of the structure provides much-needed shade, making public spaces more comfortable and enjoyable.

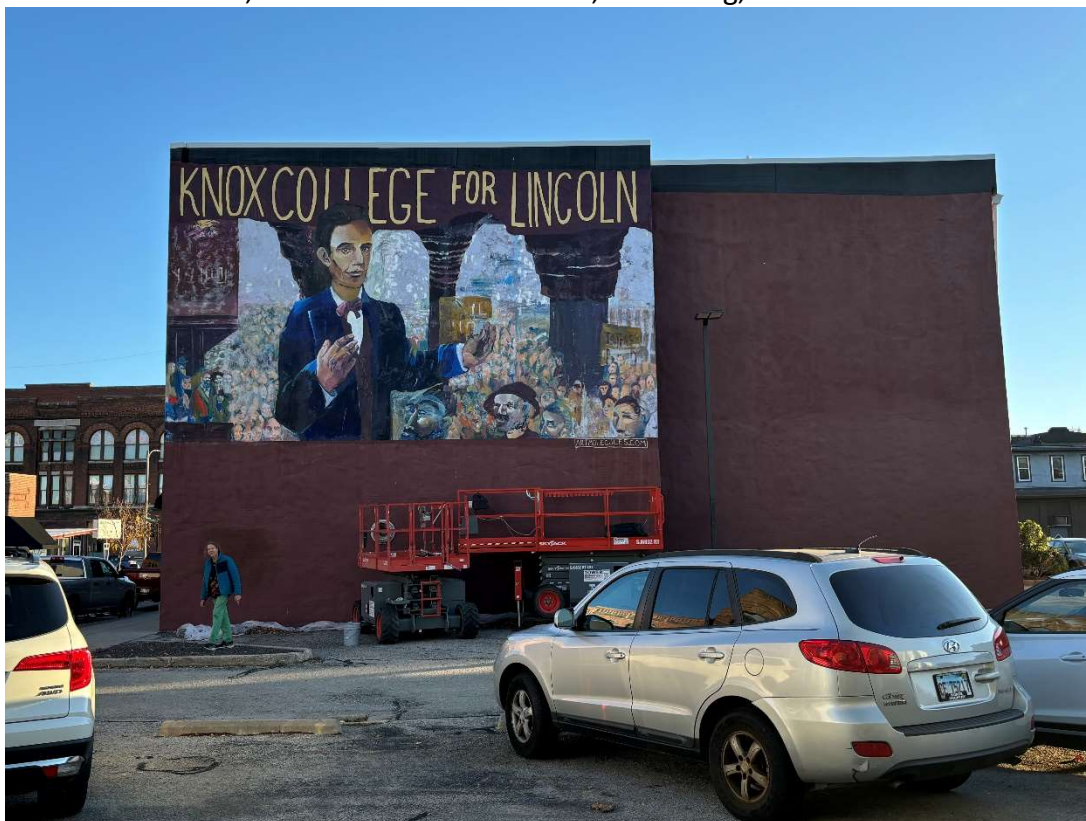
"Harmony of Elements" is a testament to the power of artistic expression and environmental consciousness. By combining eco-friendly materials with Angie K. Smith's vibrant mural, this installation will create a unique public art piece that enhances the cultural fabric of Palm Springs while providing a practical and beautiful space for the community to enjoy.

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PAST WORK:

27'x32' Year: 2024, Lincoln Monument Mural, Galesburg, IL



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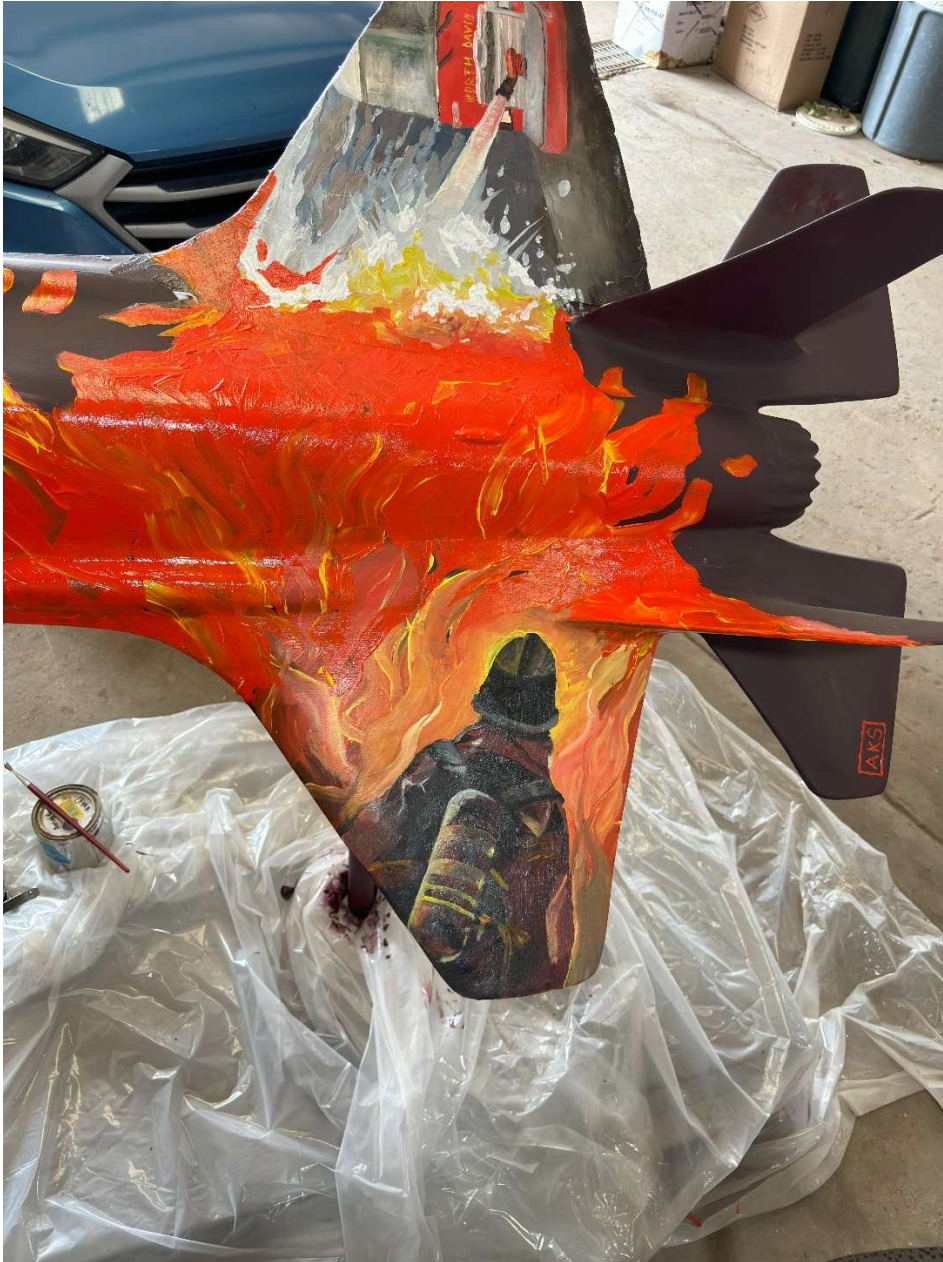
12'x24' Year: 2015, Mural For Orem City Fire Station, UT



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4'x6' Year: 2024, Mural For North Davis Fire Station, UT



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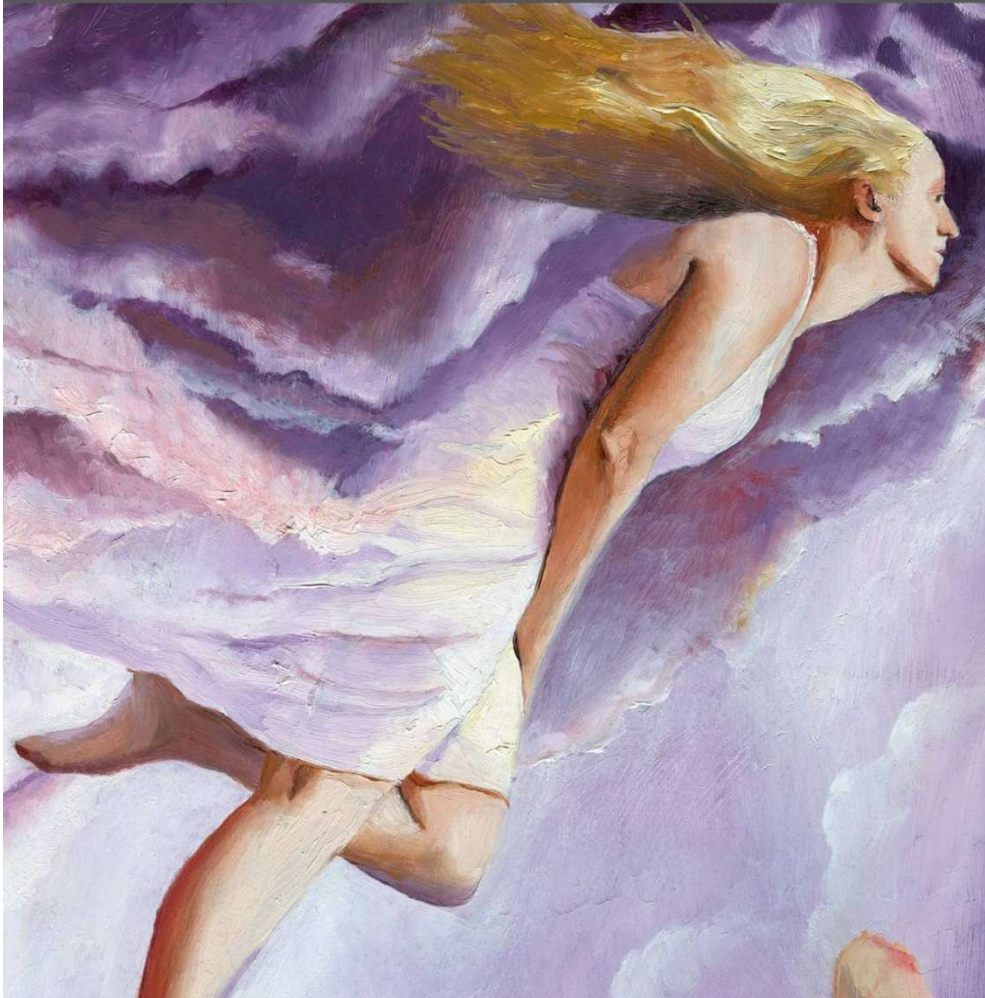
30"x30" Year: 2023, Tornado Painting, Salt Lake City, UT



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16"x20" Year: 2024, Angelic Painting, Orem, UT



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4'x6' Year: 2024, Clearfield City Public Art Project, Clearfield, UT



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RESUME:

Public Art:

Knoxville College Abraham Lincoln Monument Painting, Galesburg Il, 2024

The Gateway Mall Art Shop Mural Project, 2024

Lotus Company Mural, 2024

Davis Applied Tech Airplane Mural, 2024

North Davis Fire Station Mural, 2024

Orem City Fire Station Mural, 2016

Private Commissions, Savannah, Georgia, 2013-2016

Various Private Commissions, Salt Lake City and Surrounding Areas, UT

Exhibitions:

Main Street Gallery, Denver, Colorado 2024

Mania, Mania, Mania Show, Covet Art Gallery, Oceanside, California, 2024

Spring Exhibit on Light, Glitter Armada Gallery, Salt Lake City, UT, 2024

Surrealism Today, Artist Of the Year, 2018

Rise Artist Of The Year, 2015

Solo Exhibition, Stoneground Pizza, Salt Lake City, 2014

2 Person Group Show, Apothecary, Savannah Georgia, 2014

Ogden Farmers Market, Summer, 2014

Daybreak Gallery, Summer 2014

Articles/Interviews:

Utah Magazine 2018

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Surrealism Today, Column, 2018
Daybreak Gallery Magazine, 2014

Collections:

Private Collections: Savannah Georgia, Mexico City, Mexico, Continuous Online Sales Worldwide

Awards:

Park Silly Featured Artist, Park City, UT, Summer 2017
Surrealism Today, Artist of the Year, 2018
Craft Lake City Scholarship, 2024

Press:

Fox 13, Hive Gallery 10x10 Show, 2015
Channel 2, Howard Lyon Art School Segment, 2017

Education:

Joe Cornelius, Mural Course, Flagstaff, AZ, 2024
Alex Grey, New York City, 2019
Howard Lyon, Spectrum Awarded Illustrator, American Fork, UT, 2018
Don Seegmiller, Spectrum Awarded Illustrator, Orem, UT, 2018
Clint Cearley, Spectrum Awarded Illustrator, TX, 2018
Illustration Program, Bachelors of Art Program, UVU, Orem, UT, 2011-2016

Gallery Representation:

Unhinged, Sugarhouse, Utah, 2024
High Pointe Coffee, West Jordan, Utah, 2024

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Covet Gallery, Oceanside, California, 2024

The Hive Gallery, Trolley Square, Salt Lake City, Utah, 2013-2014

Savannah Row Gallery, Savannah, Georgia, 2014-2016

REFERENCES:

Don Seegmiller, Head of the Illustration Department, UVU, 801-592-5308, Email: donseeg@comcast.net

Adam Smith, Studio Mate and Public Sculpture Artist, 801-903-7931, Email: adamhebersmith@gmail.com

Shauna Brock, Published Writer and Activist, 801-633-3920, Email: shauna@vegawriters.com

**ATTACHMENT A: SCOPE OF WORK
ATTACHMENT B: QUOTE/PRICING SCHEDULE**

- 1. Quote your best price, including freight, for each item. All blanks in the Quote/Pricing Schedule MUST be completed. In case of a discrepancy between the Unit Price and the Total, the Unit Price shall be considered correct. Contractor will be required to meet the City's Insurance Requirements prior to executing the work.**
- 2. In submitting this quote, the vendor certifies that the prices in this quote have been arrived at independently, without consultation, communication, or agreement with any other vendor or competitor, for the purpose of restricting competition with regard to prices.**
- 3. If shipping is required shipping shall be quoted FOB Destination, Freight Included.**
- 4. DISBURSEMENT SCHEDULE: 40% of contract amount will be disbursed upon contract execution, 40% of contract amount will be disbursed after all required permits have been issued and the artwork is fifty percent complete (to be verified with photographs), 20% of contract amount will be disbursed upon completion, installation, and acceptance by City).**

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DESCRIPTION	ITEM	QTY	UNIT PRICE	PRICE TOTAL
Cost of materials	Wood	500	\$4	\$2,000
	Aluminum	200	\$10	\$2,000
	Acrylic Paint	100	\$10	\$1,000
	Beam	50	\$40	\$2,000
	Cement	40	\$25	\$1,000
	Nails	50	\$10	\$500
	Varnish	50	\$20	\$1,000
	Primer	50	\$10	\$500
Materials Total				\$10,000
tools and labor	Fabrication			\$8,000
High-quality finishes	Exterior Finishes			\$5,000
Detailed logistics	Transportation			\$3,000
installation	Installation			\$6,000
engineering services	Structural Engineer			\$7,000
insurance	Insurance			\$3,000
artist compensation	Artist Fee			\$8,000
Total				\$50,000

COMPANY: SMITTY SMITTY STUDIOS