

Project Brief



Project: Lake Skinner Custom Amphitheater, Trellis, and Sign

June 2011

The challenge: An architect's concept incorporating a trapezoidal floor plan, a cone like truncated barrel shape and featuring decorative steel "rays" penetrating the roof. The result: An aesthetically pleasing amphitheater well integrated into its site at Lake Skinner Park in Winchester, CA.



County of Riverside
Lake Skinner Recreation Area Amphitheater
Design by Schmidt Design Group, Inc.

Project Brief:



The landscape architects at Schmidt Design Group, Inc. in San Diego, CA, had a vision to create an architectural centerpiece for Riverside County at Lake Skinner Park. Their client wanted a unique barrel-vaulted performance space that would be an eye-catching architectural feature in a natural landscape setting. Due to the vault-style roof, the fulfillment of the landscape architect's original design concepts required adaptive solutions. Accurately fabricating over 30 curved beams with bolt connection fit tolerances of .0625" or less was a "must-do" requirement, as field welding was not acceptable. Special tongue & groove roof planking was custom milled to accommodate the barrel radius. The roof penetrating decorative "rays" were installed and sealed for long-term performance. Tapered brick columns (by others) visually anchor each of the four columns' lower halves. The shelter's steel frame is powder coated with Poligon's proprietary Poli-5000® super durable TGIC system and the mega-rib roof is protected with a long-lasting Kynar-500® finish.

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Customer Testimonial

"This is just what the doctor ordered. Thanks for all of your hard work and being available to adjust at my beck and call. I think this is going to be an award winning project as well as an award winning structure." -Jeff Justus, Schmidt Design Group, Inc.



Structures

Type: Amphitheater
with: Entrance Sign &
Concord Trellis

Colors: Patrician Bronze (frame)
Surrey Beige (frame)
Copper Penny (roof/arch)

Requirements

- Barrel-vault design
- Solar shading
- Sound amplifying

Features

- Symmetrical "ray-like" columns
- Curved steel beams
- Custom milled tongue & groove roof planking
- Waterproofed roof penetrations surrounding "rays"

Project Team

Client: Riverside County Parks
Poligon Rep: Miracle Playground Sales
Architect: Schmidt Design Group, Inc.

About Poligon®

At Poligon, we work along with you. Our design and engineering departments put your ideas down on paper and bring them to life. We listen to your requests and make sure you get the highest quality product while staying within your budget. Merging your ideas and vision with our experience to create structures that unify quality with good design is our goal. No idea is too big or too small. We make your projects a successful reality.