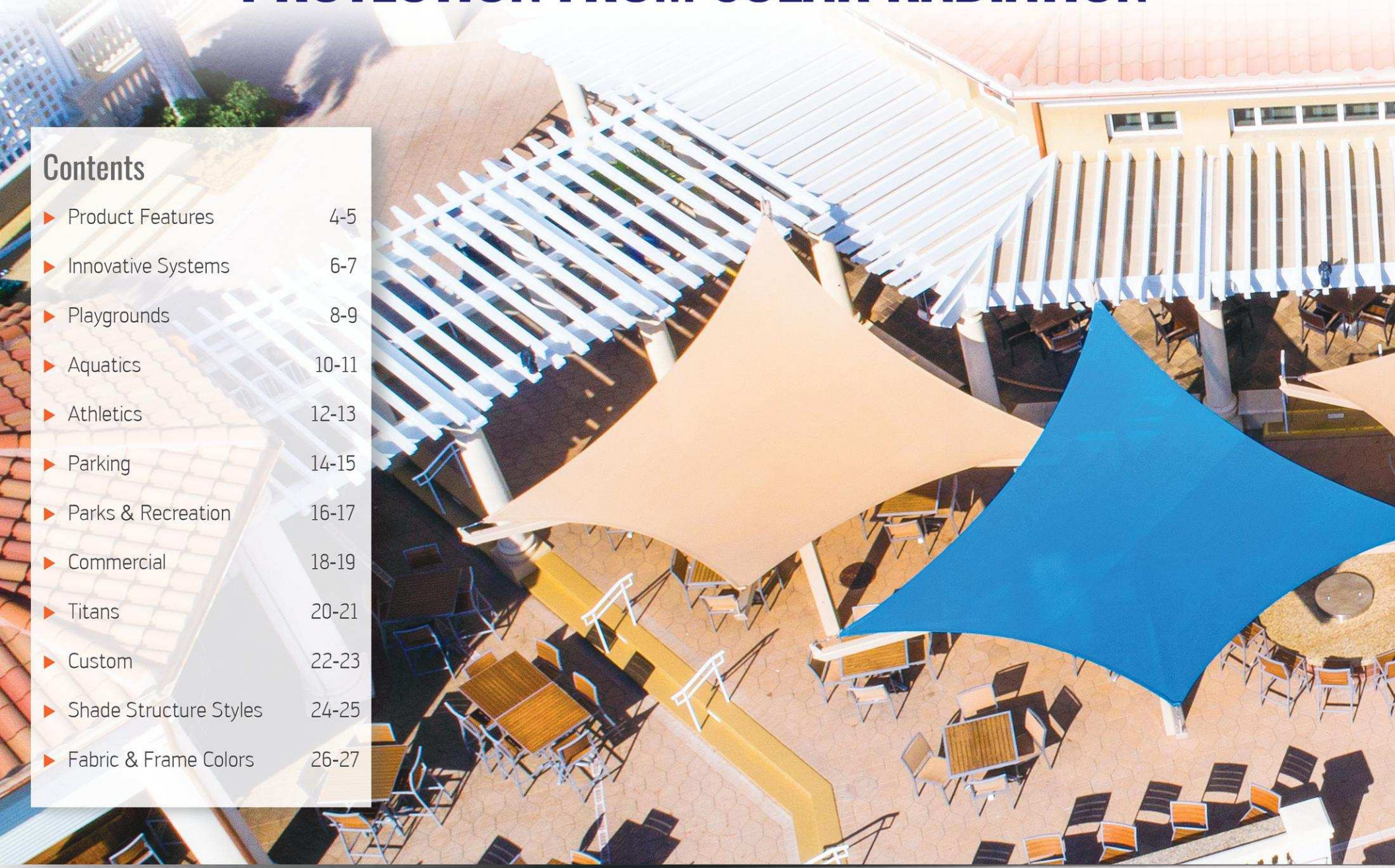
Apollo
sunguard®
Shade Innovators

PROTECTION FROM SOLAR RADIATION



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PROVIDING COOL COMFORT AND STYLE

THE **POWER** OF OUR PRODUCTS

INTEGRATING ART & FUNCTION

FEATURES

- Apollo Sunguard is the oldest privately-held shade structure manufacturer in the United States.
- We design and fabricate all our shade structures in the USA.
- Industry's Strongest Warranty; **non-prorated, 15 Years Fabric, 20 Years Frame.**
- Proudly accredited as a Service-Disabled Veteran-Owned Small Business (SDVOSB).
- Approved vendor of the Federal Government with awarded GSA contracts.

We are proud to have our shades protecting government and military personnel all over the world.

Sunguard Shade Cloth®

Apollo Sunguard Shade Cloth® is known for its great strength, vibrant colors and durability. We use a high-density polyethylene fabric (HDPE) with ultraviolet (UV) additives. Sunguard Shade Cloth® is far superior to canvas and other solid fabrics because it is breathable. It mimics natural shade trees by allowing air to flow through resulting in a 20 degree temperature drop underneath. Sunguard Shade Cloth® has a far longer lifespan and is resistant to mold and mildew, making it very low maintenance over the life of the fabric. Apollo Sunguard's advanced stitching thread is an expanded PTFE (a unique polymer, very different from polyester). The thread is non-aging, carries a lifetime guarantee, and will not rot due to UV exposure or other environmental causes.

UV Protection • Fire Safety

Apollo Sunguard Shade Cloth® is tested by an independent laboratory and a large selection of colors meet a minimum of 93% UV Block as recommended by sun safety experts. It passes the ASTM E-84 fire rating test as well as the NFPA 255 and NFPA-701, and is rated a Class 1 Material.

QRS - Quick Release System™

Apollo Sunguard's innovative shade structures are uniquely designed with the QRS - Quick Release System™ for quick and easy cover removal. You just loosen the turnbuckles or u-clamps with a standard adjustable wrench and you're done! No special tools are required. This is the easiest and most practical release system in the shade industry!

Steel

Apollo Sunguard uses structural steel and Allied Steel products made from cold-rolled, galvanized tubular steel with a triple layer of protection. Allied products outperform most steels in tensile strength and long-term corrosion resistance, as well as saltwater spray and other weathering tests. Apollo Sunguard uses a special galvanized welding wire and then triple treats each weld with zinc (ZRC) coating for extra corrosion protection. Hot dip galvanization is also available and is recommended for marine and aquatic environment installations.

Superior Engineering & Design

Apollo Sunguard designs shade structures that are architecturally appealing and functional, providing the most effective shade solutions. All of our structures are engineered to withstand wind loads in accordance with the current version of the American Society of Civil Engineers (ASCE) 7, International Building Code (IBC), and applicable city, county and state codes. They can endure the harshest weather conditions and can withstand winds up to 185 mph (115 mph with the cover on). They can be designed for 140-170 mph wind-borne debris regions as specified by the ASCE Standard. Sealed engineered drawings and calculations can be provided for all 50 states.

For more detailed product information, please visit our website.

GSA Schedule
Contract GS-07F-0320N
Contract GS-30F-0029Y

INDUSTRY **LEADER** & INNOVATOR

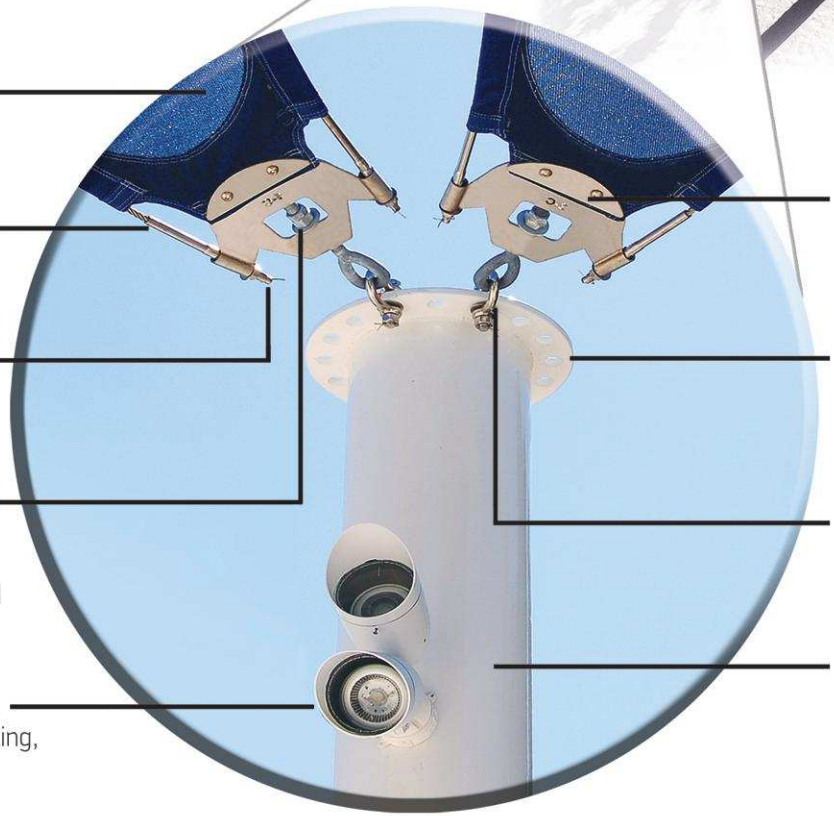
FINEST QUALITY & CRAFTSMANSHIP

QRS - Quick Release System™

- Clean and simple operating quick release system.
- Only a standard wrench needed to release cloth.
- Maintenance free, stainless steel and galvanized hardware.
- Hidden cables in reinforced hems.
- No internal tensioning mechanism that can jam.
- Simple and accessible replacement parts.

INDUSTRY'S STRONGEST WARRANTY
Non Pro-Rated
15 YEARS FABRIC 20 YEARS FRAME

Signature Keder Plate System



Custom Shade Sail
Designed, fabricated and reinforced for exact fit

Stainless Steel Cable & Studs
Factory pre-installed, no field measuring or cutting required

Adjustable Cable Studs
Allows for field adjustment for the perfect wrinkle-free cable tension

QRS - Quick Release System™
Single tension bolt with safety nut for easy fabric removal and attachment; eliminates large gaps between sail and column

Hidden Electrical Infrastructure
Custom designed to accomodate lighting, security, fans and more!

Stainless Steel Fabric Connections
Factory pre-installed 316 marine grade stainless steel; custom designed and precision laser cut plates with engraved identification

Apollo Sunguard's Signature 360° "Halo" Ring
Design allows for multiple sail connections to a single column at multiple phases of a shade project, providing ease of sail installation

Articulating Connection
Certified load rated, specifically designed for high tension rigging with a safety locking system

Engineered Heavy Duty Columns
High yield, high tensile, powder coated with zinc-enriched epoxy undercoat for maximum corrosion resistance

(Hot Dip Galvanizing for extreme marine and coastal environments available)

PLAY IT SAFE UNDER THE SHADE

SHADED PLAYGROUNDS = HOURS OF FUN

Turn your ordinary playground into extraordinary with Apollo Sunguard's variety of custom shade solutions from freestanding to attached shade!

Our products are ideal for playground equipment, sandboxes, open spaces and play areas.

Children are exposed to dangerous UV rays and scorching playground equipment that can reach over 150 degrees in direct sunlight.

Apollo Sunguard's playground shade structures provide effective shade over the heart of any playground.

Apollo Sunguard invented and patented the design and development of retrofitting existing equipment with obstacle-free playground shade.

Retrofit your existing steel post play structure to create obstacle-free shade utilizing Apollo Sunguard's patented technology!

PlayTower Highlights

- Eliminates columns in playground safety surfaces or having to replace the surface.
- U.S. Patent for design & development of attached shade spanning beyond playground equipment area.
- Offers the industry's largest array of sizes, including large spans of 25' x 25', 24' x 30' and 30' diameter.
- Designed and engineered to comply with the latest local and national building code requirements.

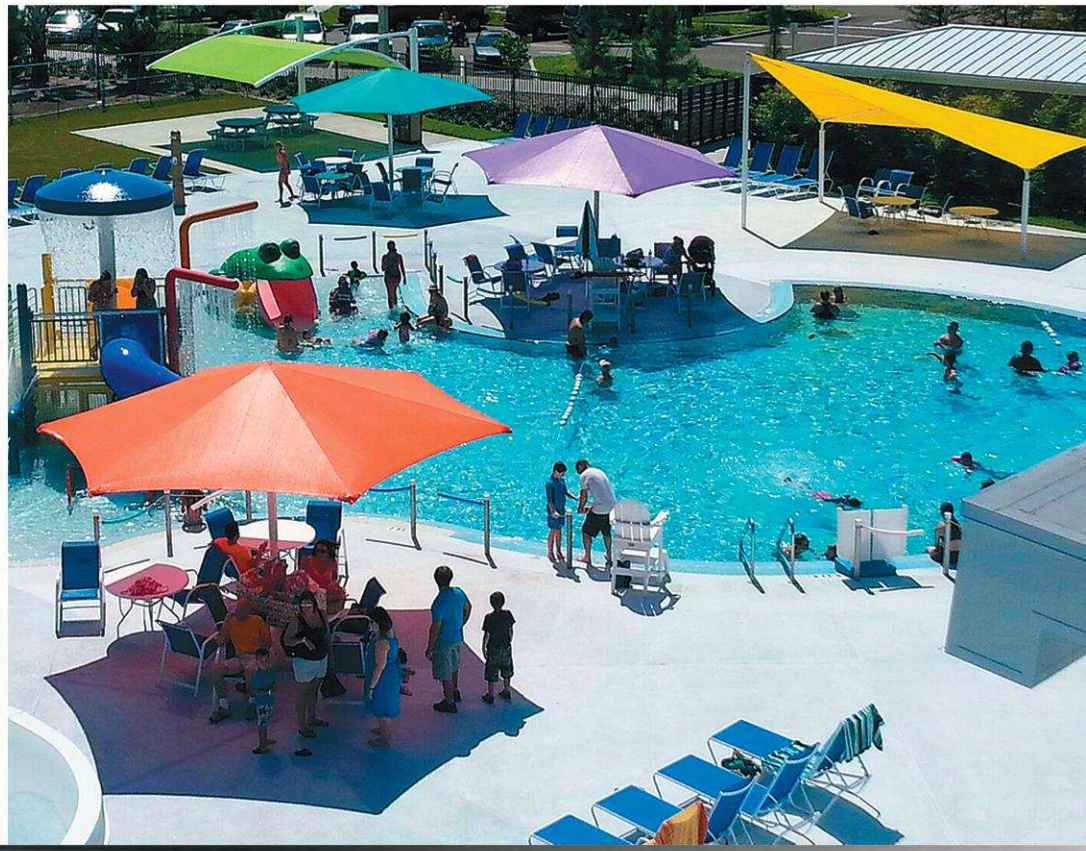
Original Play Structure

Retrofitted With 30' PlayTower

REFRESHING **FUN** UNDER THE SUN

Why Shaded Aquatics?

- Water can reflect up to 100% of the sun's UV radiation. The sun's harmful UV rays pose a real threat in any water setting.
- Apollo Sunguard's shade structures block up to 96% of UV radiation.
- Apollo Sunguard provides unique and custom shade options for small and large aquatic centers.



GAME DAY COMFORT & PROTECTION

The Benefits of Shaded Athletic Venues

- Shade makes attending outdoor events pleasant, cool and comfortable.
- Our shade structures lower the temperature and provide UV protection, reducing the risk of overheating and other heat related injuries.
- Reduces glare so watching the game is more enjoyable.
- Added benefit of foul ball protection creates a very attractive and cost-effective solution for any outdoor athletic venue.

IF YOU **SHADE** IT THEY WILL COME

Benefits of Shaded Parking

- Internal vehicle temperatures parked in shade can be 100+ degrees cooler than a vehicle parked in the sun.
- Provides instant protection from the sun, extending the life of vehicles.
- Our shade structures mimic the natural shade created by shade trees. Our breathable fabric allows air to flow freely, naturally lowering the ambient temperatures up to 20 degrees.
- Reduces the energy needed to cool people and property.

Draw Attention to Your Business, Become a Destination!

We offer a variety of shade structure styles ideal for parking areas, including our obstacle-free modular cantilevers.
Cover any size area - from a one car driveway to a massive parking lot.

Benefits of Shaded EV Charging Stations

- Faster Charging Times - battery charges more efficiently and uses less energy.
- Keeps the charging station, battery, car and people COOLER.
- Less Maintenance - keeps station out of the sun.

Apollo Sunguard® Shade Innovators

CHARGEPOINT PREMIER PARTNER

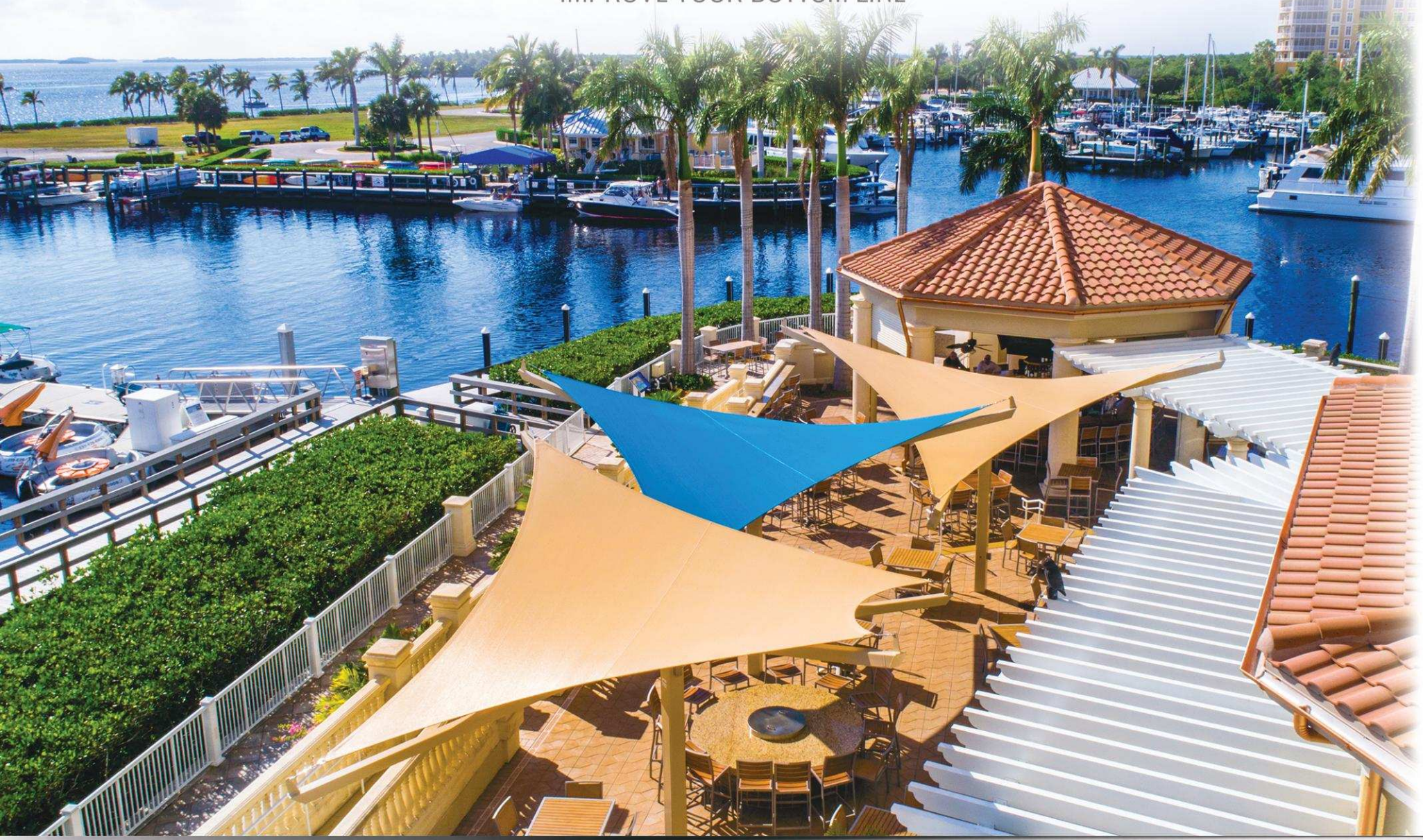
TRANSFORM SPACE WITH SHADE

The Perfect Parks & Rec Amenity

Parks and recreation areas are a staple in our communities. Apollo Sunguard's custom approach to shade provides each city, county, state or national park with unlimited options to enhance any outdoor recreational area.

ENHANCE YOUR PROPERTY

IMPROVE YOUR BOTTOM LINE



The Benefits of Shading Commercial Properties

- Shade integration has a positive effect on customers, employees and guests, helping them feel happy and healthier.
- Apollo Sunguard shade structures are designed to provide years of low-maintenance protection.
- Shades enhance the overall attractiveness of the surroundings.

THE **TITAN** OF SHADES

EXPANSIVE SHADE OPTIONS FOR EXPANSIVE SPACES

Titans Are Grand Shade Sails and Shade Structures

Perfect for basketball courts, large playgrounds, outdoor classrooms, assembly areas and more!

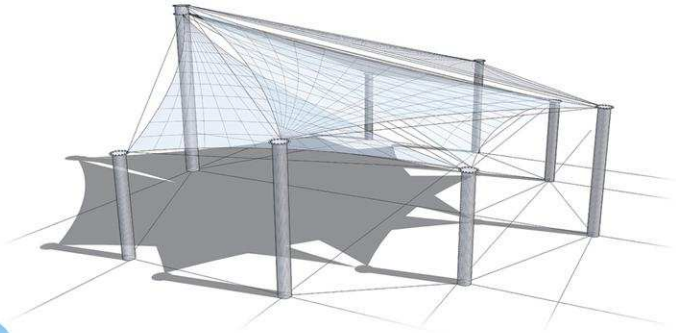
The structure's columns can be designed to add onto the structure in phases.

UNLIMITED **OPTIONS** ENDLESS FUN

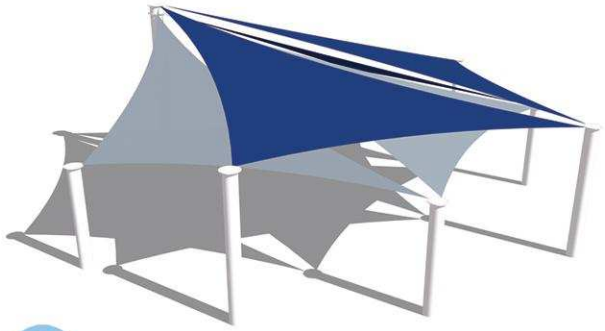
CUSTOM SHADE DESIGNS

If You Dream It, We Can Build It!

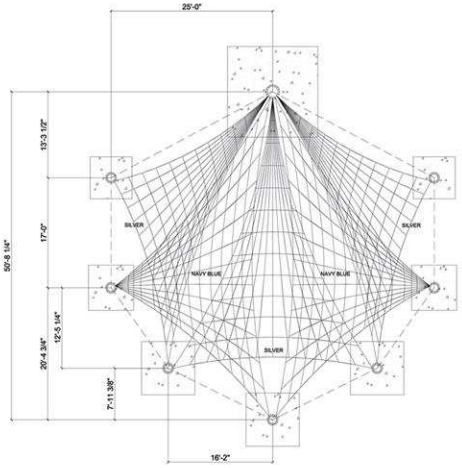
We turn your shade dreams into reality. We can also design your structure to incorporate solar panels, lighting and more!



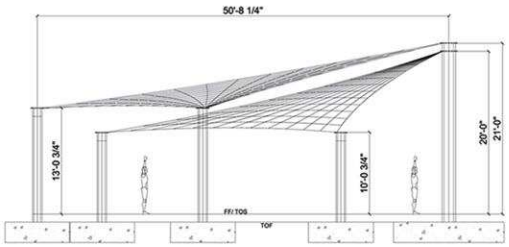
1 **Design & Development (D&D) Phase:** Conceptual sketch of design



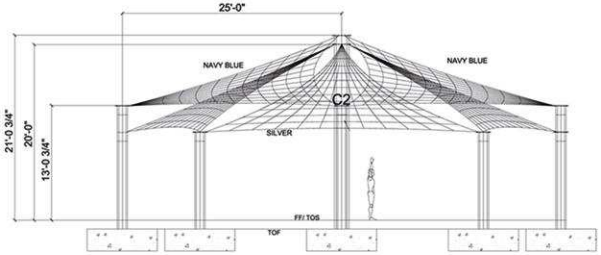
2 **Rendering Phase:** Realistic visualization



PLAN 1/S1



ELEVATION FRONT 2/S1



ELEVATION SIDE 2/S1

3 **Construction & Administration (C&A) Phase:** Engineered architectural and fabrication plans

4 **Installation Phase:** Completed Shade Structure

THE **ART** OF SHADE

SHADE STRUCTURE STYLES

Apollo Sunguard offers an array of standard shade structure styles, available in a broad range of shapes and sizes. Many have a modular design concept that can be interconnected to expand shade coverage. All of our products are professionally engineered to meet applicable building codes and wind load requirements.

Our experienced designers will meet the specific requirements of your application. For special architectural needs, we can create a custom shade solution to meet your unique specifications.

INDUSTRY'S STRONGEST WARRANTY Non Pro-Rated 15 YEARS FABRIC 20 YEARS FRAME

Specifications are available for each product upon request.

Square

Rectangle

Titan

BreezeBrella® HexBrella

BreezeBrella® SquareBrella

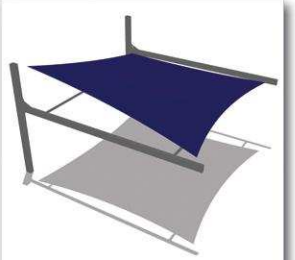
BreezeBrella® Offset SquareBrella

3 Row Bleacher Cover

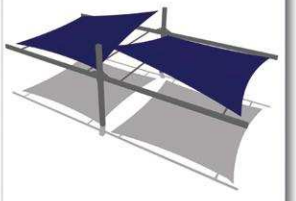
5 Row Bleacher Cover

10 Row Bleacher Cover

Sunguard Shade Sails™



XTL Shade Wave™



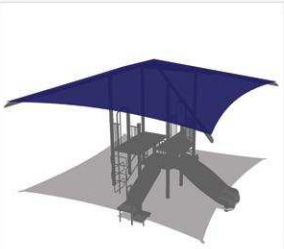
XTL Shade Wave™ Double

Triangle

Kite

Hexagon

Octagon


PlayTower

PlayBrella®

SkyRay

Manta Ray

Sky Manta

Twist-T

T-Style

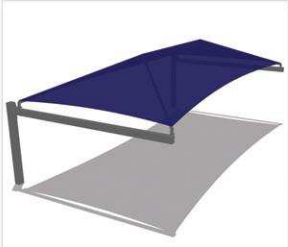
Contemporary II

Monolever

Monolever Double

V-Span

Shadow Wing ™


XL

XL Double

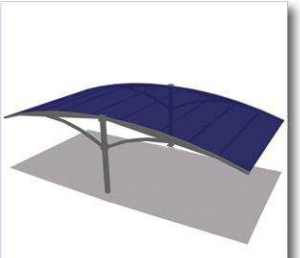
X-10

X-10 Double

X-11 Eclipse

X-11 Solar Eclipse

X-11 Eclipse II


X-11 Solar Eclipse II

CUSTOMIZE YOUR SUNGUARD

Fabric Colors

Did you know? The darker the fabric color, the cooler the temperature underneath!

Due to variations in printing techniques, fabric and frame colors may be different than they appear. Please contact Apollo Sunguard for a fabric swatch book and frame samples.

Frame Colors

Custom frame colors available.

Red

Yellow

Tampa Tan

Coffee Tan

Ocean Blue

Silver

Brown

Black

Island Teal

White

Forest Green

Accessories

Side Panels • Custom Logos • Post Pads

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