

PROPOSAL FORM

RFP 22-005-01

The undersigned offers and agrees to furnish all items, upon which the prices are quoted, at the price set opposite each item, if this Proposal is accepted within sixty (60) days of the submission due date.

Proposer acknowledges receipt of the following Addenda: _____

NAME: Andrew Koekemoer

COMPANY: Southern Hemisphere Shades, Inc.

TITLE: business and client development executive

EMAIL: Andrew@BuildShade.com

PHONE: (916) 348-1391

| LOCATION 1: CENTENNIAL PARK | | |
|-----------------------------|----------|--------------|
| DESCRIPTION | UNIT | TOTAL |
| Primary Design | Lump Sum | \$ 18,519.21 |
| Alternate Design 1 (if any) | Lump Sum | \$ 29,295.74 |
| Alternate Design 2 (if any) | Lump Sum | \$ 22,794.30 |

| LOCATION 2: SANDALWOOD PARK | | |
|-----------------------------|----------|--------------|
| DESCRIPTION | UNIT | TOTAL |
| Primary Design | Lump Sum | \$ 18,035.36 |
| Alternate Design 1 (if any) | Lump Sum | \$ 28,328.05 |
| Alternate Design 2 (if any) | Lump Sum | \$ 22,269.04 |

The undersigned affirms that he/she is duly authorized to execute this proposal.

Proposer's Signature: 

Date: September 22, 2022

Date: 9/22/22
City of Coalinga
Via. Tri City Engineering
4630 W. Jennifer Ave, Suite 101
Fresno, CA 93722

Re: Request for Proposals, Shade Structures for Sandalwood and Centennial Parks
RFP 22-005-01

Dear Christopher,

Please find attached our proposal for the shade structures at Sandalwood and Centennial Parks. Included with your attachments you will find...

Completed Proposal Form
Sample Drawings and Specifications
Sample Fabric Colors
Sample Steel Colors

In addition below you will find...

Product Model Unit Price for each type of structure
(Option 1-Primary: Hip, Option 2-Alternate: Peak, Option 3-Alternate: Hypar)
Shipping and Handling Costs
Sales Tax
Engineering Fees
Lump Sum Total Price
Shipping Lead Times
Warranty Information
Representative Contact Information

Thank you for your consideration on this project. If you have any questions or need additional information, please let me know.

Sincerely

Andrew Koekemoer
business and client development executive on behalf of Southern Hemisphere Shades, Inc.
916.348.1391, Andrew@BuildShade.com

Bid Summary

| | |
|-----------------------------|-----------------------------|
| Structure | Hip: 44' X 30' X 10' |
| Product Model | \$14,714.00 |
| Engineering Fees | \$1,500.00 |
| Sales Tax | \$1,455.21 |
| Shipping and Handling Costs | \$850.00 |
| Lump Sum Total | \$18,519.21 |

| | |
|-----------------------------|-----------------------------|
| Structure | Hip: 36' X 36' X 10' |
| Product Model | \$14,270.00 |
| Engineering Fees | \$1,500.00 |
| Sales Tax | \$1,415.36 |
| Shipping and Handling Costs | \$850.00 |
| Lump Sum Total | \$18,035.36 |

| | |
|-----------------------------|------------------------------|
| Structure | Peak: 44' X 30' X 10' |
| Product Model | \$23,603.00 |
| Engineering Fees | \$2,500.00 |
| Sales Tax (8.975%) | \$2,342.74 |
| Shipping and Handling Costs | \$850.00 |
| Lump Sum Total | \$29,295.74 |

| | |
|-----------------------------|------------------------------|
| Structure | Peak: 36' X 36' X 10' |
| Product Model | \$22,715.00 |
| Engineering Fees | \$2,500.00 |
| Sales Tax | \$2,263.05 |
| Shipping and Handling Costs | \$850.00 |
| Lump Sum Total | \$28,328.05 |



| Structure | Hypar: 44' X 30' X 10'-16' |
|-----------------------------|----------------------------|
| Product Model | \$18,637.00 |
| Engineering Fees | \$1,500.00 |
| Sales Tax (8.975%) | \$1,807.30 |
| Shipping and Handling Costs | \$850.00 |
| Lump Sum Total | \$22,794.30 |

| Structure | Hypar: 36' X 36' X 10'-16' |
|-----------------------------|----------------------------|
| Product Model | \$18,155.00 |
| Engineering Fees | \$1,500.00 |
| Sales Tax | \$1,764.04 |
| Shipping and Handling Costs | \$850.00 |
| Lump Sum Total | \$22,269.04 |

Manufacturing Lead Times

Upon approval lead times for manufacturing are approximately 4-8 weeks depending on the season.

Shipping Lead Times

Based out of Sacramento the structure will be same day delivery. The product would be picked up in the morning and then delivered to the city of Coalinga in the afternoon.

Warranty Information

Structures carry a 10-year warranty on both the steel and fabric. A full warranty document can be delivered upon request.

Representative Contact Information

On this project please contact Andrew Koekemoer at 916.348.1391 or Andrew@BuildShade.com with any questions.

CITY OF COALINGA

Project Description

Design, engineer, manufacture and construct a variety of tensioned fabric structures.

Address

Sandalwood and Centennial Parks

General Design Methods

Tensioned fabric structures create shade and shelter through unique construction methodology generally encompassing; concrete foundations, steel structural members and mesh fabric systems with pocket hem cable construction. General construction materials include concrete, hollow steel sections, steel plate, in-shop welding, in-field bolted connections and mesh fabric placed on top of or between framing with cable fastened to designated anchor points.



1 LOCATION
SCALE: NTS

PRODUCT CODES

ARC: ARCHED
C: CENTER
CAN: CANTILEVER
CL: CLASSIC
CO: CONTINUOUS
COL: COLOSSUS
CON: CONIC
D: DIAMETER
DSA: DIVISION OF STATE ARCHITECT
DY: DYNAMIC
H: HEIGHT
HA: HALO
HEX: HEXAGON
HY: HYPAR
L: LENGTH
M: MAST
MUL: MULTI
PY: PYRAMID
R: RISE
S: SINGLE
T: TRIANGLES
W: WIDTH
WI: WINDMILL

ABBREVIATIONS

A.F.G. ABOVE FINISHED GRADE
GA GAUGE
MAX. MAXIMUM
N/A NOT APPLICABLE
PL PLATE
PSF PER SQUARE FOOT
PSI PER SQUARE INCH
REC RECTANGULAR
SQ SQUARE
T.B.D. TO BE DETERMINED
THK. THICK
TYP TYPICAL

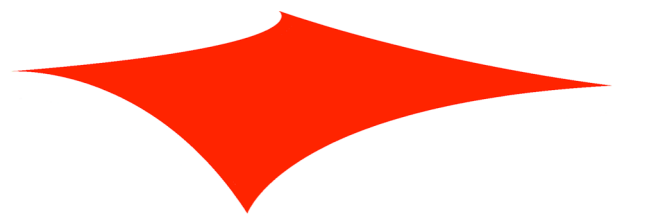
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02 General Notes
03 Hip Elevations
04 Peak Sail Elevations
05 Hypar

PROJECT NO.

TBD

**SAMPLE ONLY
TO BE REVISED
PER PROJECT
REQUIREMENTS**



**SOUTHERN
HEMISPHERE
SHADES, INC.**

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hello@buildshade.com
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LEGAL

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PROJECT

City of Coalinga

LOCATION

Sandalwood and Centennial Parks

PRODUCT

Various

SIZE

Various

ENGINEERING

REVISIONS

#1:
#2:

DESCRIPTION

Title Sheet

01

GENERAL NOTES

- ALL MATERIAL AND WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE 2019 CALIFORNIA BUILDING CODE (CBC) AND THE ADOPTED STANDARDS REFERENCED THEREIN; AS WELL AS ANY OTHER REGULATING AGENCIES HAVING AUTHORITY AND JURISDICTION OVER ANY PORTION OF THE WORK; AND OF THESE STRUCTURAL NOTES AND SPECIFICATIONS.
- STRUCTURE SHALL BE CONSTRUCTED IN THE LOCATION AS INDICATED ON THE SITE SPECIFIC DRAWING.
- ALL DRAWINGS SHALL BE CONSIDERED PART OF THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO MAINTAIN AND INSURE THE INTEGRITY OF THE STRUCTURE DURING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT ALL STRUCTURAL ELEMENTS AND MEMBERS (ROOF, SLAB, COLUMNS, ETC.) ARE ADEQUATELY BRACED DURING CONSTRUCTION. BRACING OF SUCH ELEMENTS AND MEMBERS SHALL REMAIN IN PLACE UNTIL THEY ARE PROPERLY SECURED.
- CONSTRUCTION LOADS SHALL NOT EXCEED DESIGN LIVE LOADS FOR THE SUPPORTING MEMBERS AND THEIR CONNECTIONS.
- SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD NOTES ON THIS SHEET, WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK, SUCH DETAILS SHALL BE THE SAME AS FOR SIMILAR WORK SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL DETERMINE THE LOCATION OF THE UTILITY SERVICE IN THE AREA TO BE EXCAVATED PRIOR TO BEGINNING EXCAVATION.
- IN RELATION TO ADJACENT BUILDINGS THE LOCATION OF THIS SHADE STRUCTURE IS SUBJECT TO SITE SPECIFIC APPROVAL. AS SUCH IT IS THE OWNERS RESPONSIBILITY TO DETERMINE THE LOCATION OF PROVIDED STRUCTURES IS APPROPRIATE/SAFE FOR THE OWNER'S INSTALLATION SITE AND/OR INTENDED USE. CONTRACTOR, MANUFACTURER AND ASSOCIATED COMPANIES ARE NOT RESPONSIBLE FOR DAMAGES OR INJURIES RESULTING FROM COLLISIONS BYV MOVING OBJECTS OR PERSON(S) WITH THE STRUCTURE(S).
- SHADE STRUCTURES ARE NOT REQUIRED TO HAVE FIRE SPRINKLERS WHEN UTILIZED AS OPEN / CIRCULATION PURPOSES.

SCOPE OF WORK

- PROVIDE AND CONSTRUCT TENSIONED FABRIC SHADE STRUCTURES. THIS INCLUDES BUT IS NOT LIMITED TO EXCAVATION AND/OR BOLT SETTING, PLACING STEEL, POURING CONCRETE, ASSEMBLING FRAMING AND CONSTRUCTING FABRIC SAILS.

MANUFACTURING

- STEEL AND FABRIC MANUFACTURING SHALL BE COMPLETED BY SOUTHERN HEMISPHERE SHADES, INC. OR AN APPROVED LICENSEE.

CONSTRUCTION

- EXCAVATION, FOUNDATIONS, STEEL FRAMING AND FABRIC CONSTRUCTION SHALL BE COMPLETED BY SOUTHERN HEMISPHERE SHADES, INC. OR APPROVED SUB-CONTRACTOR/LICENSEE.

APPLICABLE CODES AND STANDARDS

- 2019 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2, PART 2, TITLE 24 C.C.R.
- 2018 INTERNATIONAL BUILDING CODE WITH 2019 CALIFORNIA AMENDMENTS
- 2019 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24, CCR
- 2017 NATIONAL ELECTRICAL CODE WITH 2019 CALIFORNIA AMENDMENTS
- 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
- 2018 UNIFORM MECHANICAL CODE WITH 2019 CALIFORNIA AMENDMENTS
- 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
- 2018 UNIFORM PLUMBING CODE WITH 2019 CALIFORNIA AMENDMENTS
- 2019 CALIFORNIA ENERGY CODE, PART 6, TITLE 24, C.C.R.
- 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R.
- 2018 INTERNATIONAL FIRE CODE WITH 2019 CALIFORNIA AMENDMENTS
- 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
- 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.

BUILDING ANALYSIS

- OCCUPANCY GROUP: TBD
- MAXIMUM OCCUPANCY LOAD SHALL BE TBD
- CONSTRUCTION TYPE TBD

GENERAL DESIGN LOADS

- FLOOR AND ROOF DEAD AND LIVE LOADS.
PROJECT: LIVE LOAD = 5 PSF
- GROUND SNOW LOAD, PG.
PROJECT: GROUND SNOW = 5 PSF
- BASIC DESIGN WIND SPEED, V, MILES PER HOUR (MPH)(KM/HR) AND ALLOWABLE STRESS DESIGN WIND SPEED, V (LRFD / ASD), AS DETERMINED IN ACCORDANCE WITH SECTION1609A.3.1 AND WIND EXPOSURE.
PROJECT: (95 MPH / 75 MPH) EXPOSURE C
- SEISMIC DESIGN CATEGORY AND SITE CLASS.
PROJECT: SEISMIC DESIGN CATEGORY D SITE CLASS D
- FLOOD DESIGN DATA, IF LOCATED IN FLOOD HAZARD ARE ESTABLISHED IN SECTION 1612A.3.
PROJECT: NOT APPLICABLE
- DESIGN LOAD-BEARING VALUES OF SOILS.
PROJECT: PRESUMPTIVE LOAD BEARING VERTICAL PRESSURE = 1,500 PSF (LATERAL = 100 PSF/FT)
PROJECT: CLASS 5 CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SANDY SILT (CL, ML, MH, CH)
- RAIN LOAD DATA.
PROJECT: 10 YEAR = 3.6 INCHES PER 5 MINUTE
100 YEAR = 6 INCHES

SNOW DESIGN

- FLAT-ROOF SNOW LOAD, PF.
PROJECT: LIVE LOAD = 5 PSF
- SNOW EXPOSURE FACTOR, CE.
PROJECT: NOT APPLICABLE
- SNOW LOAD IMPORTANCE FACTOR, IS.
PROJECT: NOT APPLICABLE
- THERMAL FACTOR, CT.
PROJECT: NOT APPLICABLE
- SLOPE FACTOR(S), CS.
PROJECT: NOT APPLICABLE
- DRIFT SURCHARGE LOAD(S), PD, WHERE THE SUM OF PD AND PF EXCEEDS 20 PSF (0.96 KN/M2).
PROJECT: NOT APPLICABLE
- WIDTH OF SNOW DRIFT(S), W.
PROJECT: NOT APPLICABLE

WIND DESIGN

- BASIC DESIGN WIND SPEED, V, MILES PER HOUR AND ALLOWABLE STRESS DESIGN WIND SPEED, V (LRFD/ASD), AS DETERMINED IN ACCORDANCE WITH SECTION 1609A.3.1.
PROJECT: 95MPH / 75MPH - EXPOSURE C
- RISK CATEGORY
PROJECT: LOW HAZARD - CATEGORY I
- WIND EXPOSURE. APPLICABLE WIND DIRECTION IF MORE THAN ONE WIND EXPOSURE IS UTILIZED.
PROJECT: EXPOSURE C
- APPLICABLE INTERNAL PRESSURE COEFFICIENT
PROJECT: OPEN COEFFICIENT = 0.0
- DESIGN WIND PRESSURES TO BE USED FOR EXTERIOR COMPONENT AND CLADDING MATERIALS NOT SPECIFICALLY DESIGNED BY THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, PSF (KN/MS)
PROJECT: NOT APPLICABLE

EARTHQUAKE DESIGN

- RISK CATEGORY.
PROJECT: LOW HAZARD – CATEGORY I
- SEISMIC IMPORTANCE FACTOR, IE.
PROJECT: LOW HAZARD – CATEGORY I
- MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS, SS AND S1.
PROJECT: SS = 1.68 S1 = 0.66
- SITE CLASS.
PROJECT: SITE CLASS = D
- DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS, SDS AND SD1.
PROJECT: SDS = 1.0 SD1 = 1.0
- SEISMIC DESIGN CATEGORY.
PROJECT: SEISMIC DESIGN CATEGORY = D
- BASIC SEISMIC FORCE-RESISTING SYSTEM(S).
PROJECT: CANTILEVER COLUMNS (AXIAL LESS THAN 15%)
- DESIGN BASE SHEAR(S).
- SEISMIC RESPONSE COEFFICIENT(S), CS.
PROJECT: CS = 0.5
- RESPONSE MODIFICATION COEFFICIENT(S), R.
PROJECT: R = 3
- ANALYSIS PROCEDURE USED.
PROJECT: ELF = EQUIVALENT FORCE PROCEDURE
- APPLICABLE HORIZONTAL STRUCTURAL IRREGULARITIES.
PROJECT: NOT APPLICABLE
- APPLICABLE VERTICAL STRUCTURAL IRREGULARITIES.
PROJECT: NOT APPLICABLE
- LOCATION OF BASE AS DEFINED IN ASCE 7 SECTION11.2.
PROJECT: AT GRADE

ROOF RAIN DESIGN

- RAIN INTENSITY, I (IN/HR) (CM/HR), SHALL BE SHOWN REGARDLESS OF WHETHER RAIN LOADS GOVERN THE DESIGN.
PROJECT: 10 YEAR = 3.6 INCHES PER 5 MINUTE
100 YEAR = 6 INCHES

MATERIALS: STEEL

- DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE SPECIFICATIONS AND STANDARDS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC MANUAL OF STEEL CONSTRUCTION, 15TH EDITION, AISC 360-16, AISC 341-16 AND AISC 358-16.
- ALL STRUCTURAL STEEL SHALL BE ERECTED PLUMB AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AND SHALL BE LEFT IN PLACE UNTIL OTHER MEANS IS PROVIDED TO ADEQUATELY BRACE THE STRUCTURE.
- STRUCTURAL STEEL GRADES:
 - SHAPES AND PLATES :
ASTM A36 (Fy=36 KSI)
 - STRUCTURAL TUBING (HSS) :
ASTM A500, GRADE B (Fy=46 KSI)
 - STEEL PIPES :
ASTM A53 TYPE E OR S, GRADE B (Fy=35 KSI)
 - MACHINE BOLTS & NUTS :
BOLT: ASTM A307 GRADE A
NUT: ASTM 563A HEX
- ALL BOLTS SHALL BE MACHINE BOLTS UNLESS NOTED OTHERWISE AND SHALL BE GALVANIZED.
- ALL CABLE STEEL SHALL BE 3/8 or 1/2, 7X19 AND GALVANIZED, REFER TO STRUCTURAL SELECTIONS AS NOTED ON DRAWINGS. CABLE SHALL BE FED THROUGH THE FABRICS PERIMETER HEM AND TENSIONED UNTIL THE CANOPY IS TAUGHT.
- ALL CONNECTIONS NOT SHOWN SHALL CONFORM TO THE "AISC MANUAL OF STEEL CONSTRUCTION", 15TH EDITION.
- WELDING PROCEDURES, ELECTRODES AND WELDER QUALIFICATIONS SHALL CONFORM TO THE "CODE FOR WELDING IN BUILDING CONSTRUCTION", AMERICAN WELDING SOCIETY, AND THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS". WELDING PROCESSES SHALL BE GMAW / FCAW-G / SMAW PER AWS. ELECTRODES SHALL BE GAS-METAL ARC USING ER70S6 WIRE, ULTRACORE 71C WIRE, OR LOW-HYDROGEN TYPE E-70 WELDING RODS. ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE AWS STANDARD QUALIFICATION TESTS. ALL GROOVE OR BUTT WELDS SHALL BE COMPLETE PENETRATION WELDS. ALL EXPOSED BUTT WELDS SHALL BE GROUND SMOOTH.

MATERIALS: CONCRETE

- DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE SPECIFICATIONS AND STANDARDS OF THE AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-14.
- CEMENT SHALL CONFORM TO ASTM C-150, TYPE II.
- AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHT WEIGHT CONCRETE.
- CONCRETE SHALL MEET THE FOLLOWING DESIGN CRITERIA:
CONCRETE MIX TESTING AND DESIGN SHALL MEET THE REQUIREMENTS OF CHAPTER 26 OF ACI 318-14 AND SECTION 1904 OF THE 2019 CBC RESPECTIVELY, AND THESE SPECIFICATIONS.
- CONCRETE CURING SHALL BE PER THE PROVISIONS OF CHAPTER 26 OF ACI 318-14.
- ALL CONCRETE SHALL BE CONSOLIDATED WITH MECHANICAL VIBRATORS.
- CONCRETE SHALL BE 2,500 PSI AT 28 DAYS.
- MINIMUM CEMENT SHALL BE 5.5/SACKS PER YARD
- MAXIMUM AGGREGATE SHALL BE 1".
- MAXIMUM SLUMP SHALL BE 4".

MATERIALS: REINFORCED STEEL

- DESIGN, DETAILING, FABRICATION AND PLACEMENT OF STEEL REINFORCEMENT SHALL CONFORM TO THE SPECIFICATIONS AND STANDARDS OF ACI 318-14, TMS 402-16, TMS 602-16, AND AWS D1.4 AS APPLICABLE.
- BAR REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60.
- ALL REINFORCING STEEL, ANCHOR BOLTS, HOLD-DOWN ANCHORS, DOWELS AND INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE OR GROUT.
- REINFORCING STEEL SHALL BE PROVIDED WITH THE FOLLOWING AMOUNTS OF CONCRETE COVER UNLESS NOTED OTHERWISE:
CONCRETE CAST AGAINST EARTH : 3"
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER:
NO. 5 OR SMALLER BARS : 1-1/2"

MATERIALS: PAINT AND CORROSION

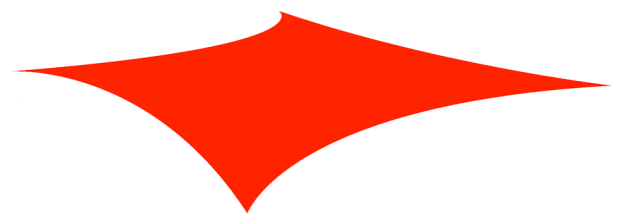
- STRUCTURAL STEEL TUBING PREPARATION SHALL BE COMMERCIALY SAND BLASTED ACCORDING TO SSPC-SP 6/NACE NO. 3.
- A COMMERCIAL BLAST CLEANED SURFACE, WHEN VIEWED WITHOUT MAGNIFICATION, SHALL BE FREE OF ALL VISIBLE OIL, GREASE, DUST, DIRT, MILL SCALE, RUST, COATING, OXIDES, CORROSION PRODUCTS AND OTHER FOREIGN MATTER.
- STEEL SHALL BE PAINTED WITH ONE COAT OF PRIMER AND FINISH COAT, MIN. 2.5 TO 3.5 MILS THICK. THIS COATING METHOD SHALL BE BY SHERWIN WILLIAMS, PRO-INDUSTRIAL DTM ACRYLIC FOR PAINTING, OR EQUIVALENT, AS PER THE CUSTOMERS COLOR CHOICE.

MATERIALS: FABRIC

FABRIC SHALL BE AS PER BELOW. FABRIC SHALL REQUIRE ANNUAL INSPECTION AND MAINTENANCE. MAINTENANCE MANUAL TO BE PROVIDED BY MANUFACTURER.

- MANUFACTURER: ALNET EXTRA BLOCK SHADECLOTH (MESH)
- WEIGHT: 9.6 OZ PER SQUARE YARD
 - TENSILE STRENGTH: WARP/WEFT 278 lb/ft / 340 lb/ft AS PER ASTM D-5034
 - TEAR STRENGTH: WARP/WEFT 33/36 LBS. AS PER ASTM D-2261
 - ASTM E84 CLASS A FIRE RATED
 - NFPA-701 TEST METHOD 2 FIRE RATED
 - CSFM TITLE 19 REGISTERED: F-094501

**SAMPLE ONLY
TO BE REVISED
PER PROJECT
REQUIREMENTS**



SOUTHERN HEMISPHERE SHADES, INC.

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PROJECT

City of Coalinga

LOCATION

Sandalwood and Centennial Parks

PRODUCT

Various

SIZE

Various

ENGINEERING

REVISIONS

#1:

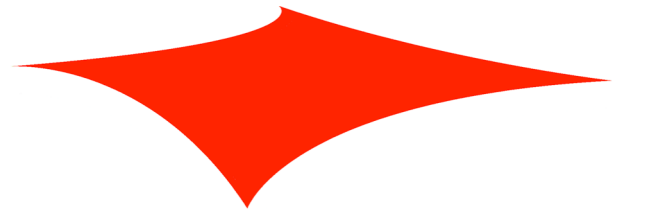
#2

DESCRIPTION

General Notes

02

HIP SQUARE OR RECTANGLE



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HEMISPHERE
SHADES, INC.**

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ENGINEERING

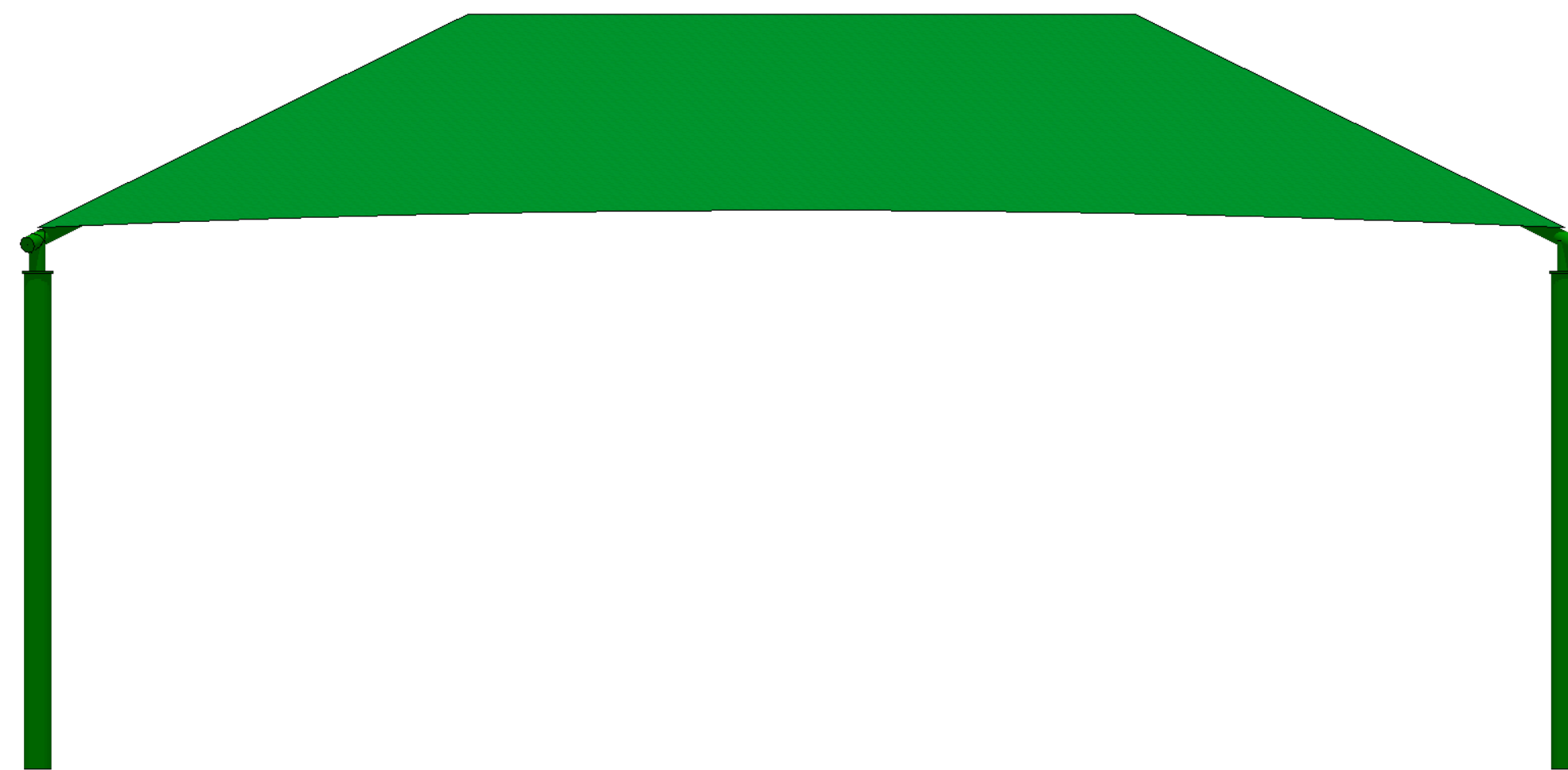
REVISIONS

#1:
#2

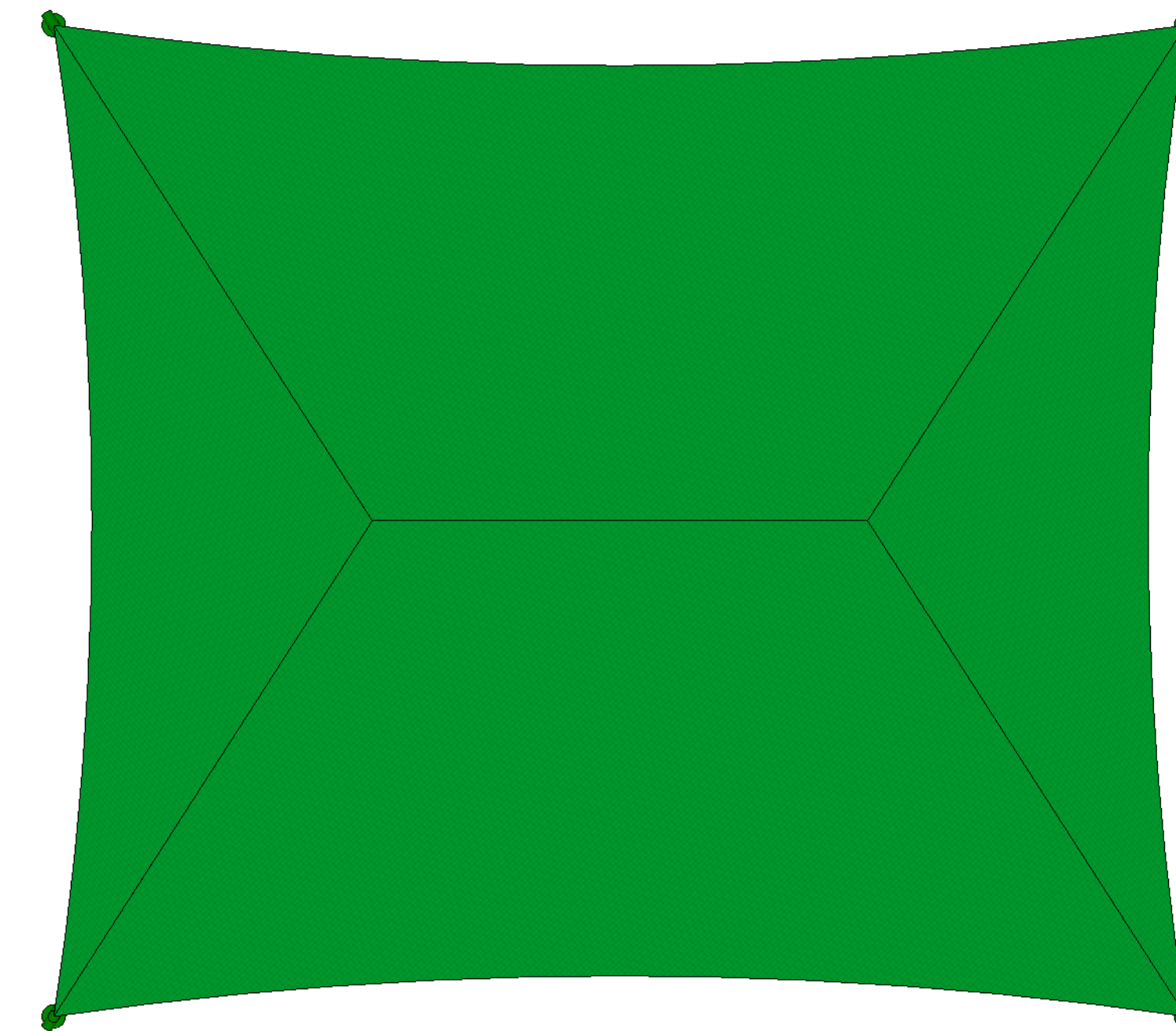
DESCRIPTION

Hip Rectangle or Square

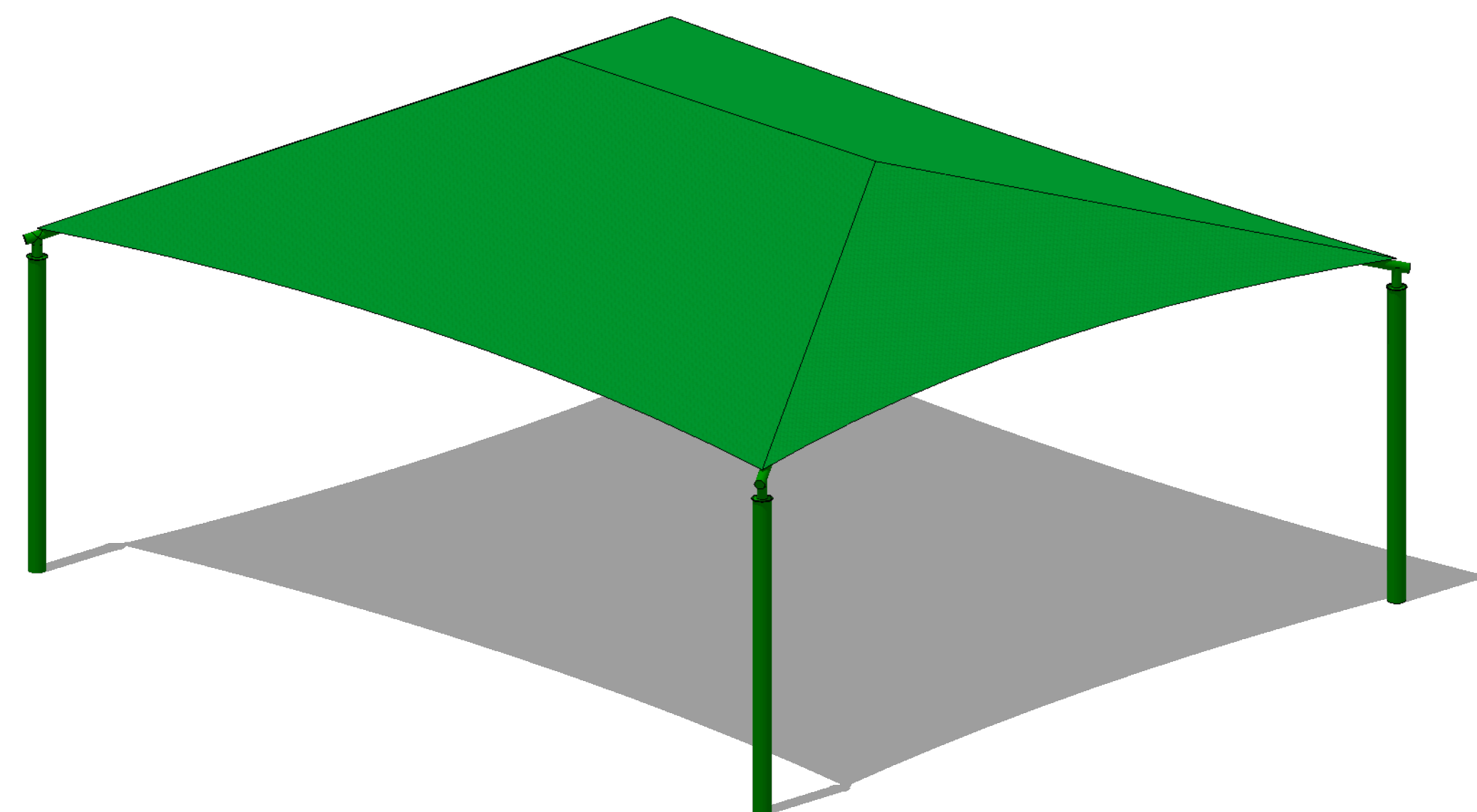
03



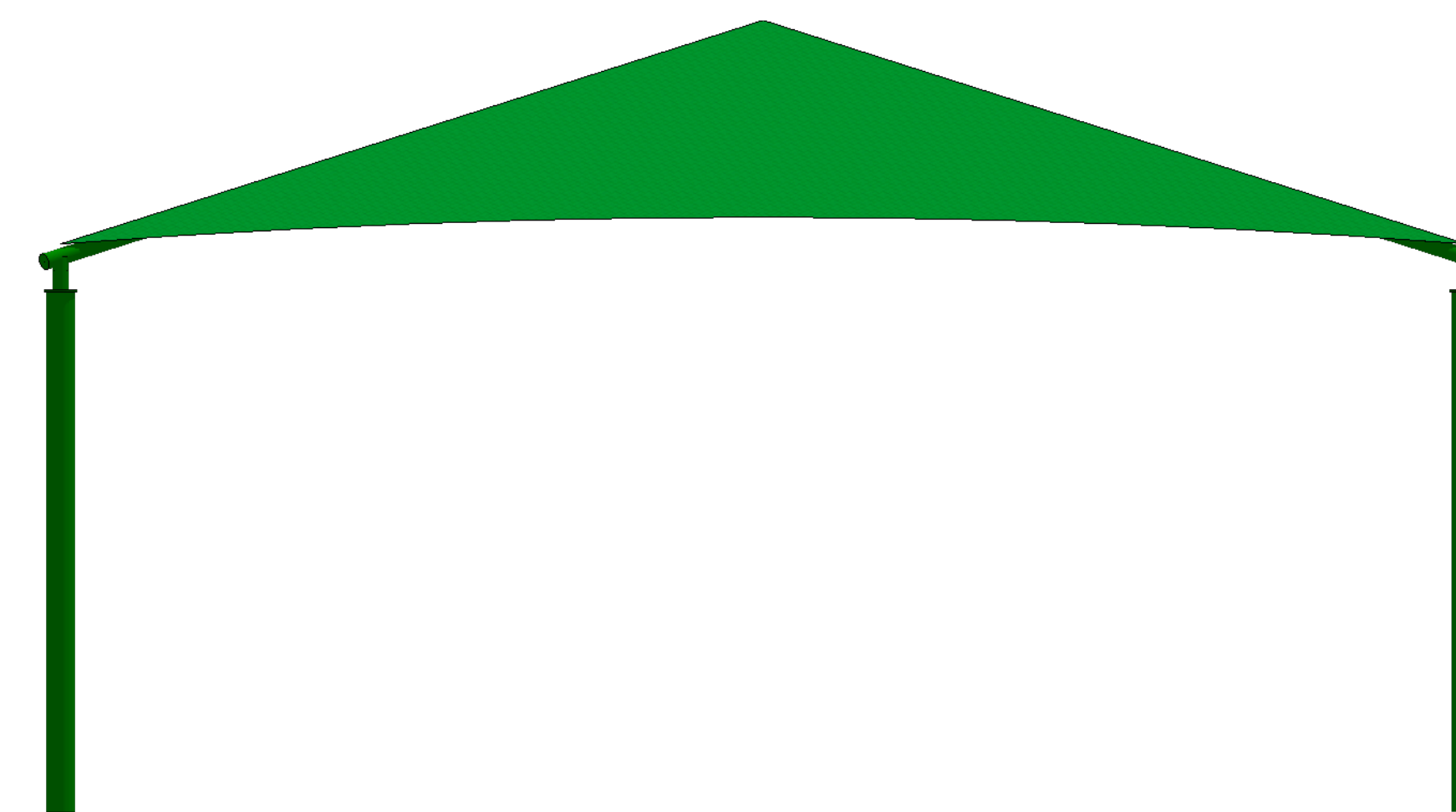
1 SIDE VIEW
SCALE: NTS



2 TOP VIEW
SCALE: NTS

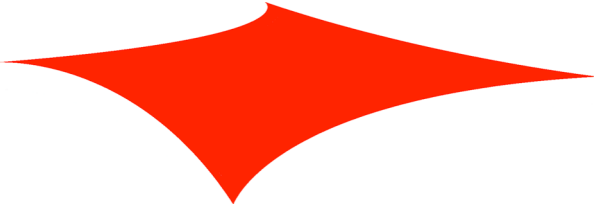


3 ISO VIEW
SCALE: NTS



4 FRONT VIEW
SCALE: NTS

PEAK



**SOUTHERN
HEMISPHERE
SHADES, INC.**

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PROJECT

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LOCATION

Sandalwood and Centennial Parks

PRODUCT

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SIZE

Various

ENGINEERING

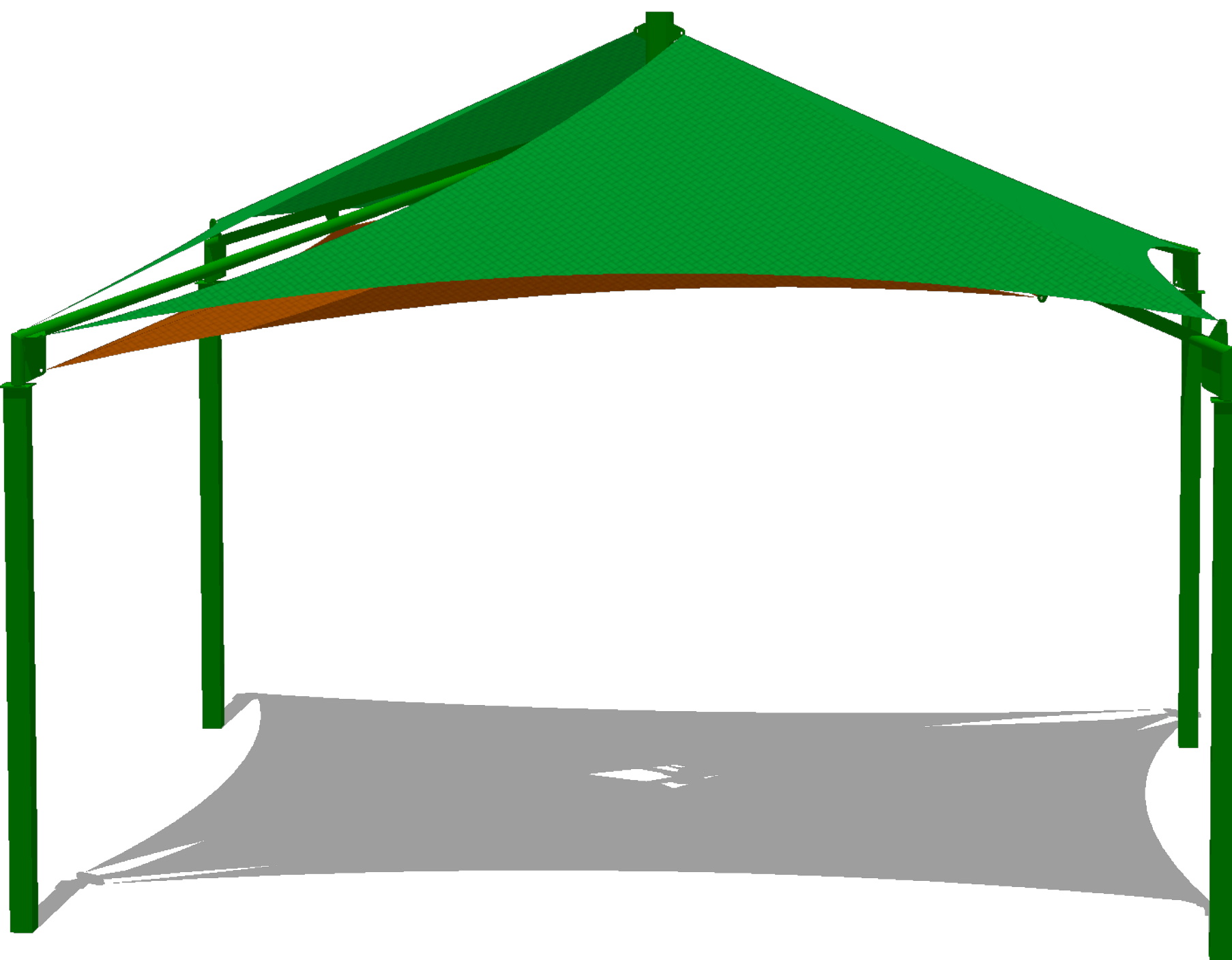
REVISIONS

#1:

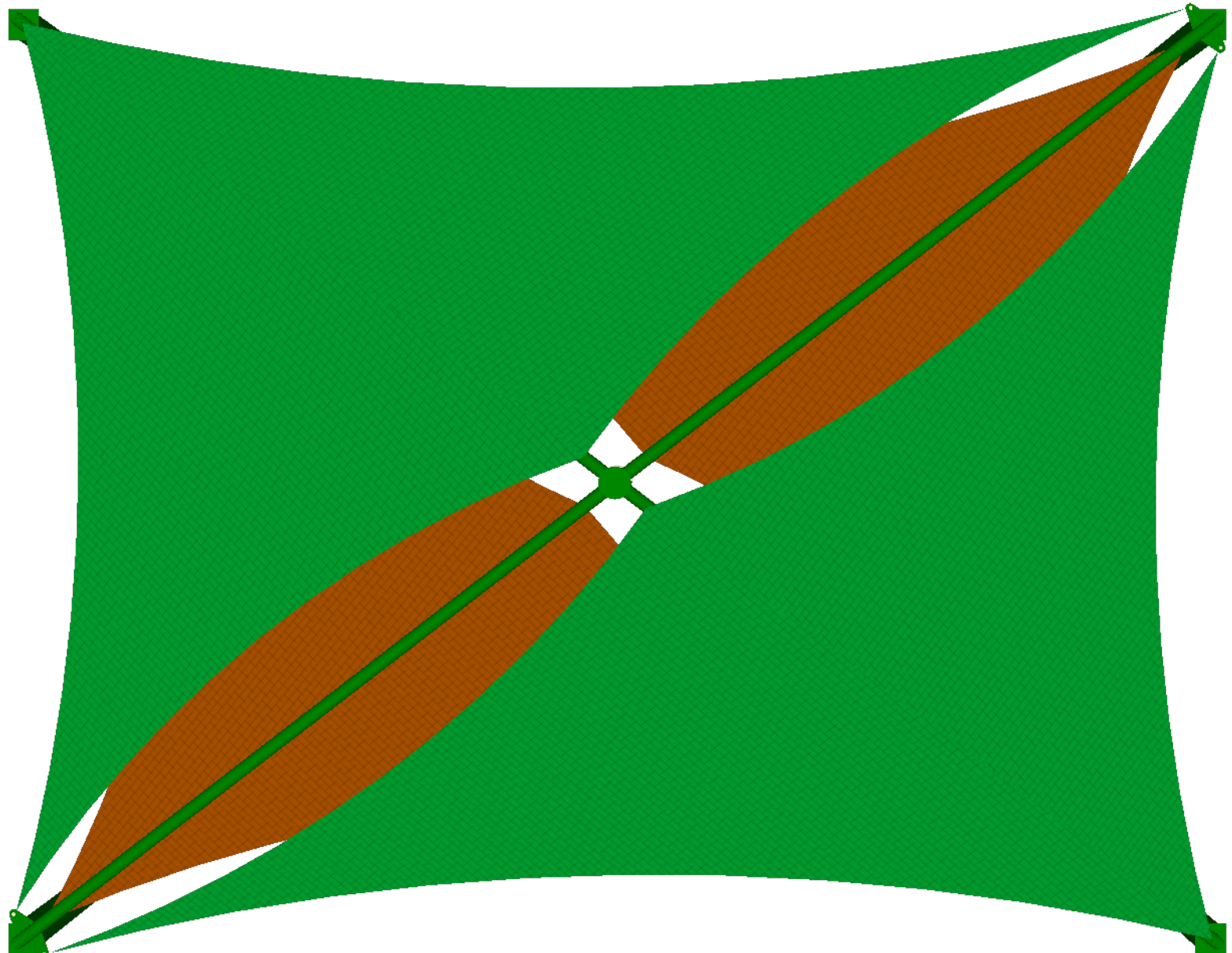
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DESCRIPTION

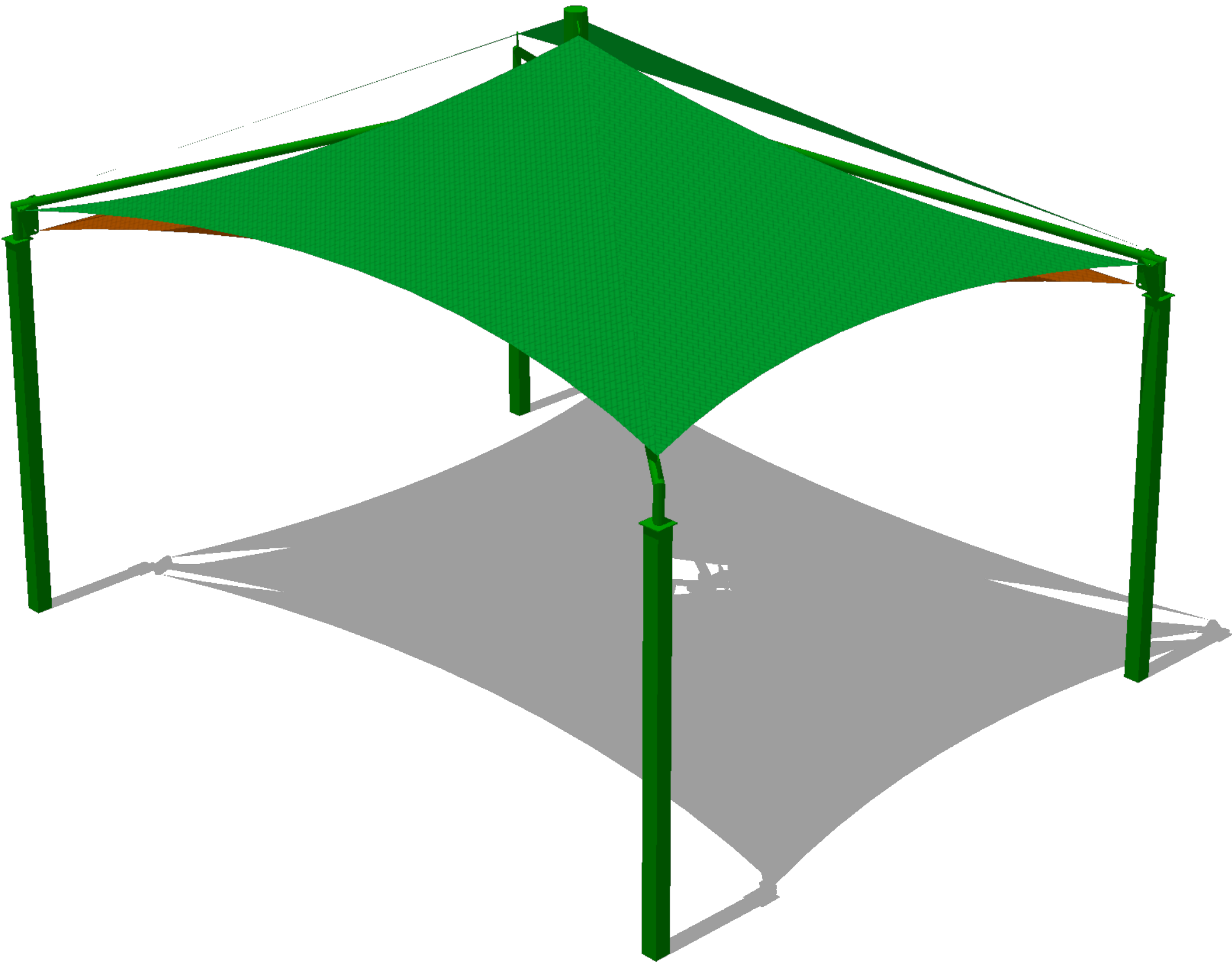
Peak



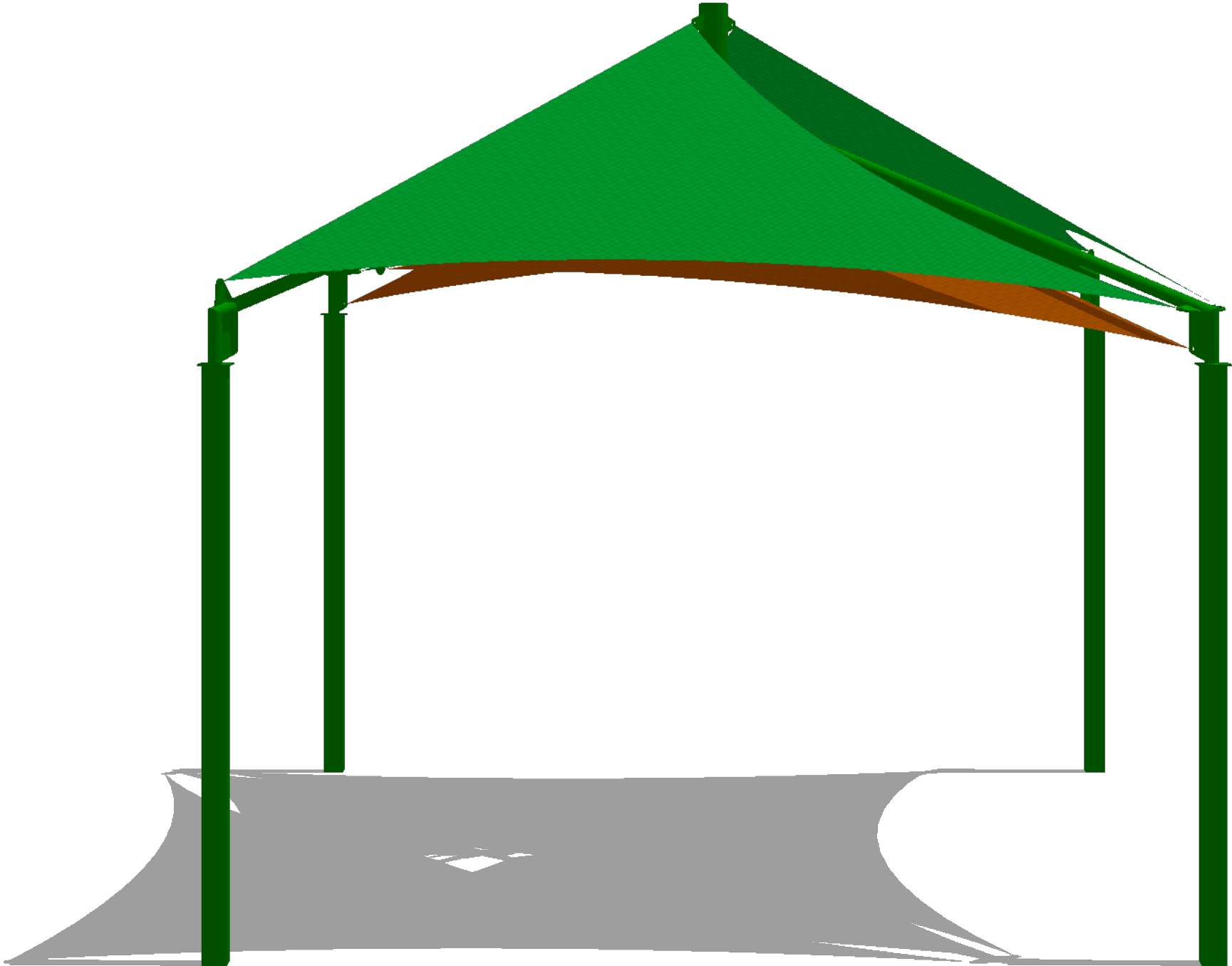
1 SIDE VIEW
SCALE: NTS



2 TOP VIEW
SCALE: NTS

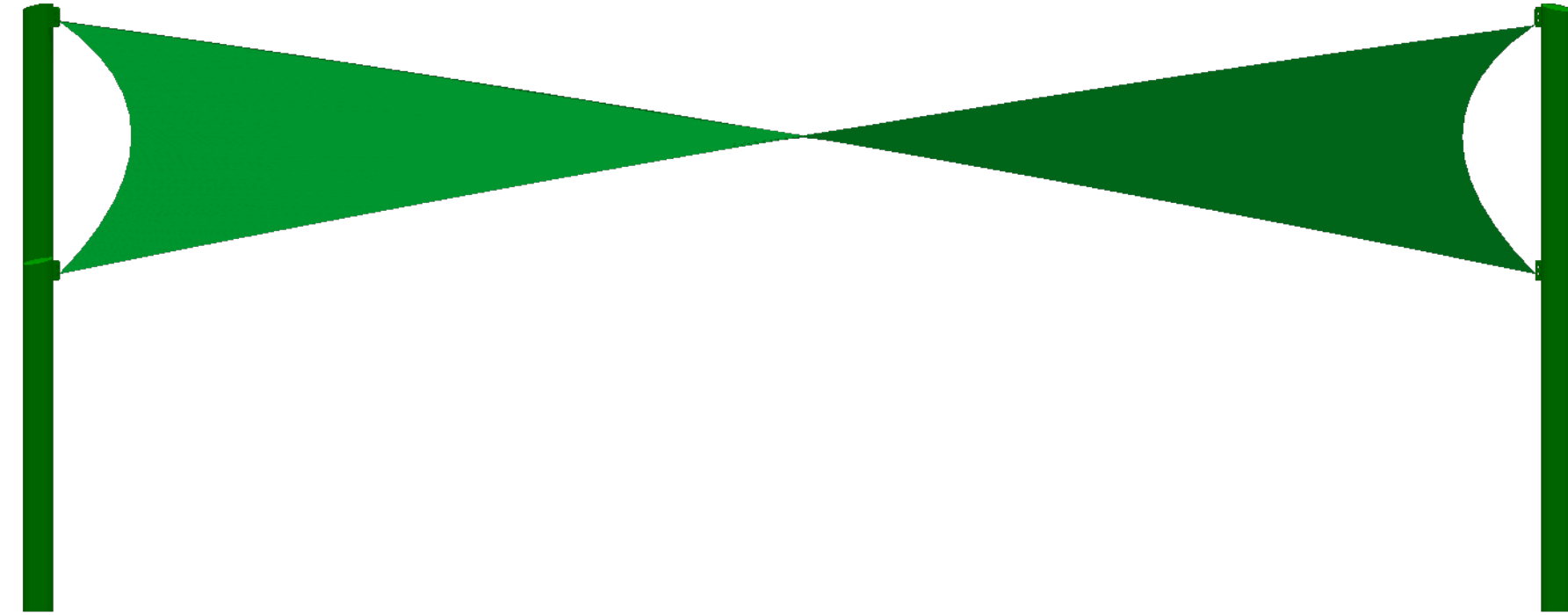


3 ISO VIEW
SCALE: NTS

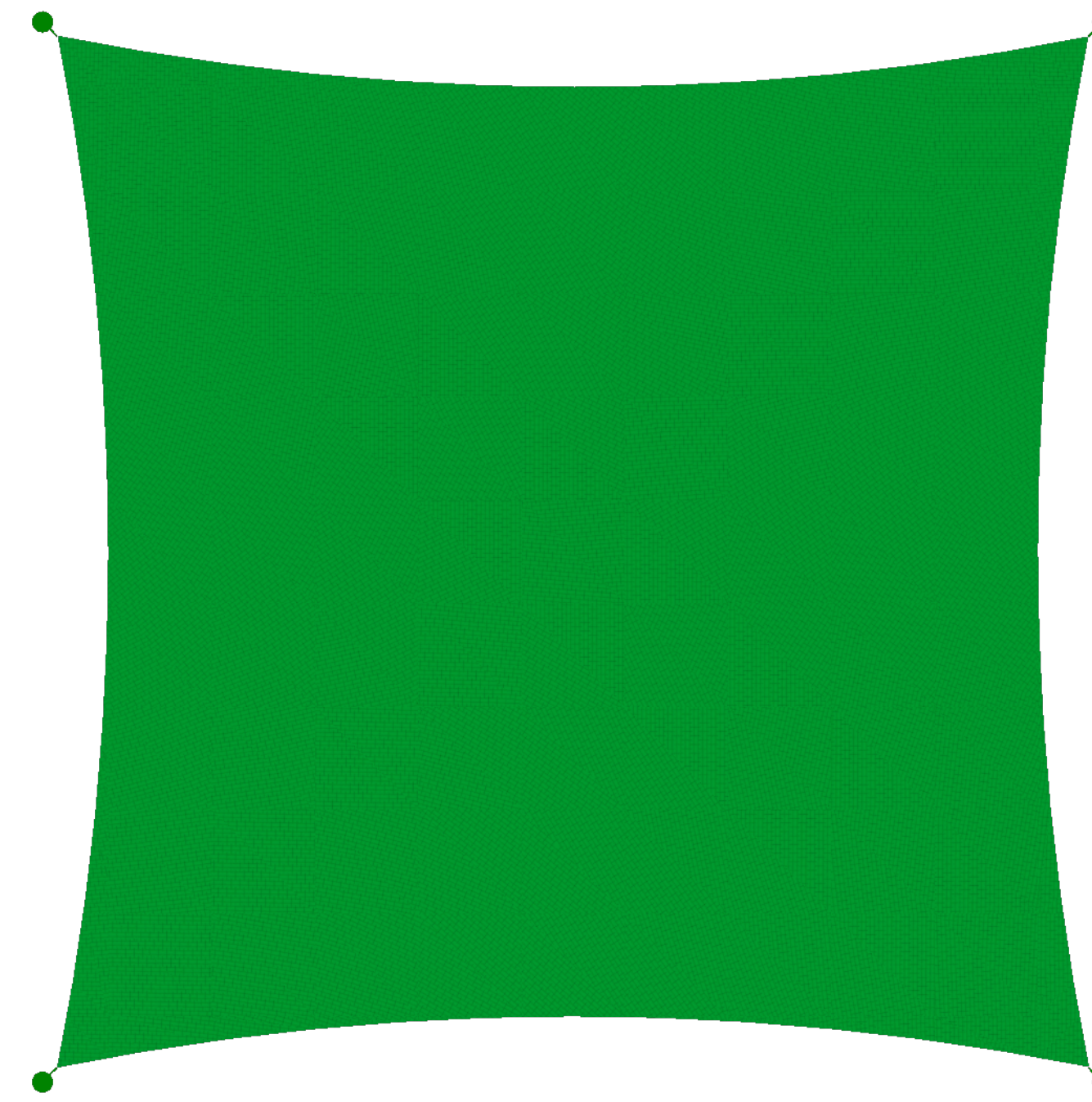


4 FRONT VIEW
SCALE: NTS

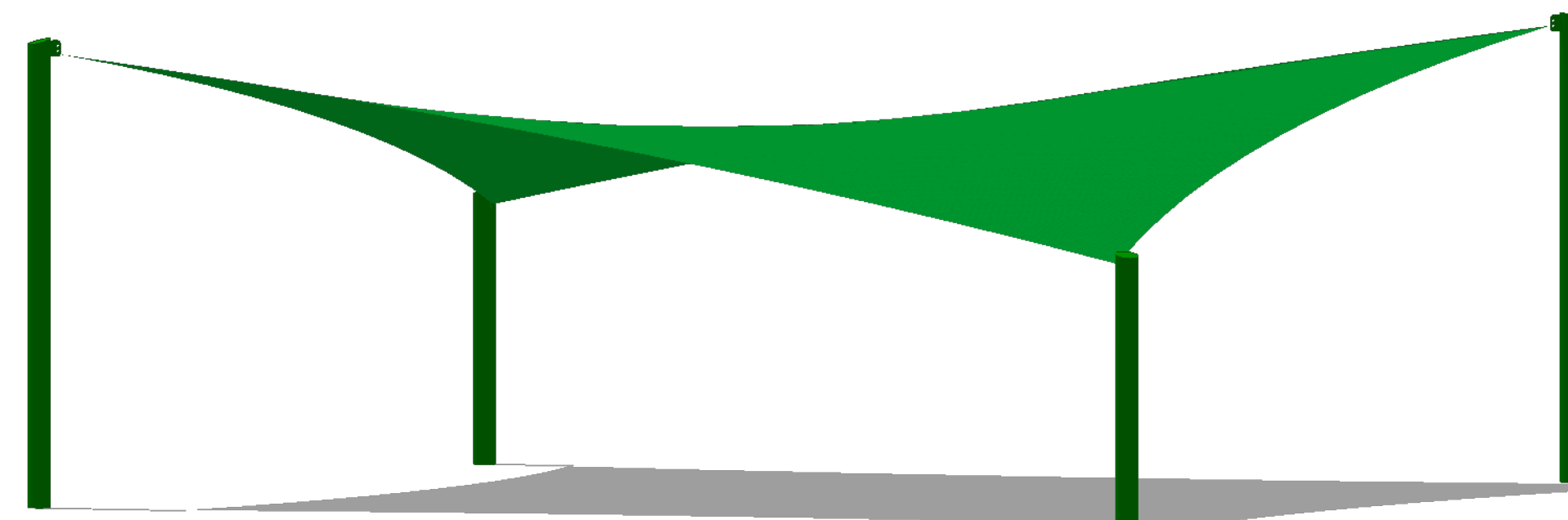
HYPAR



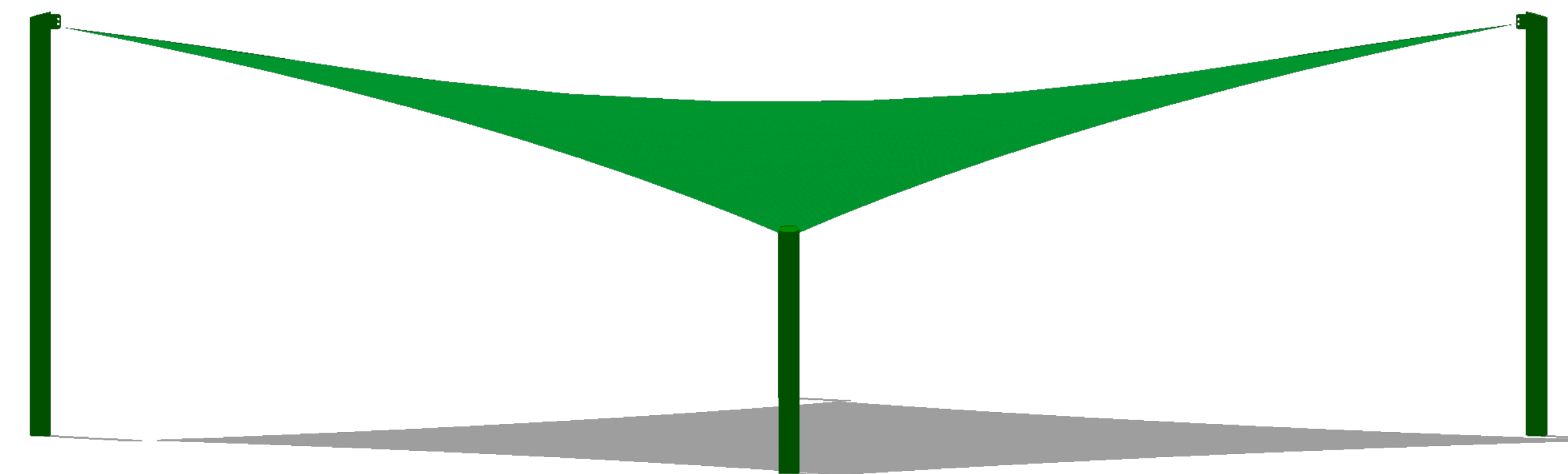
1 SIDE VIEW
SCALE: NTS



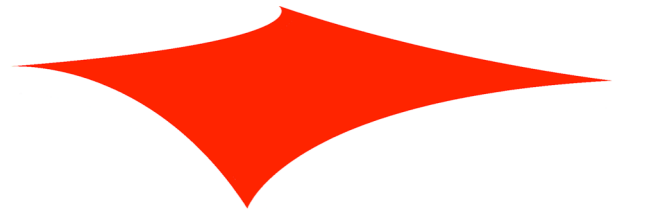
2 TOP VIEW
SCALE: NTS



3 ISO VIEW
SCALE: NTS



4 FRONT VIEW
SCALE: NTS



**SOUTHERN
HEMISPHERE
SHADES, INC.**

P: 916.348.1391 | F: 916.624.2925
hello@buildshade.com
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PROJECT

City of Coalinga

LOCATION

Sandalwood and Centennial Parks

PRODUCT

Various

SIZE

Various

ENGINEERING

REVISIONS

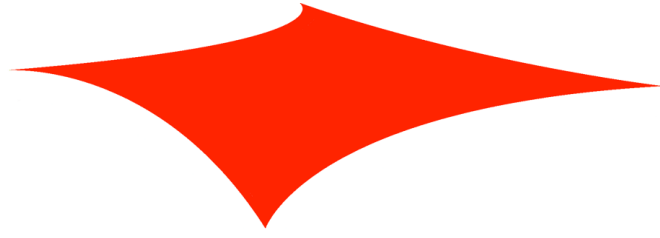
#1:

#2

DESCRIPTION

Hypar

05



**SOUTHERN
HEMISPHERE
SHADES, INC.**

Steel and Fabric

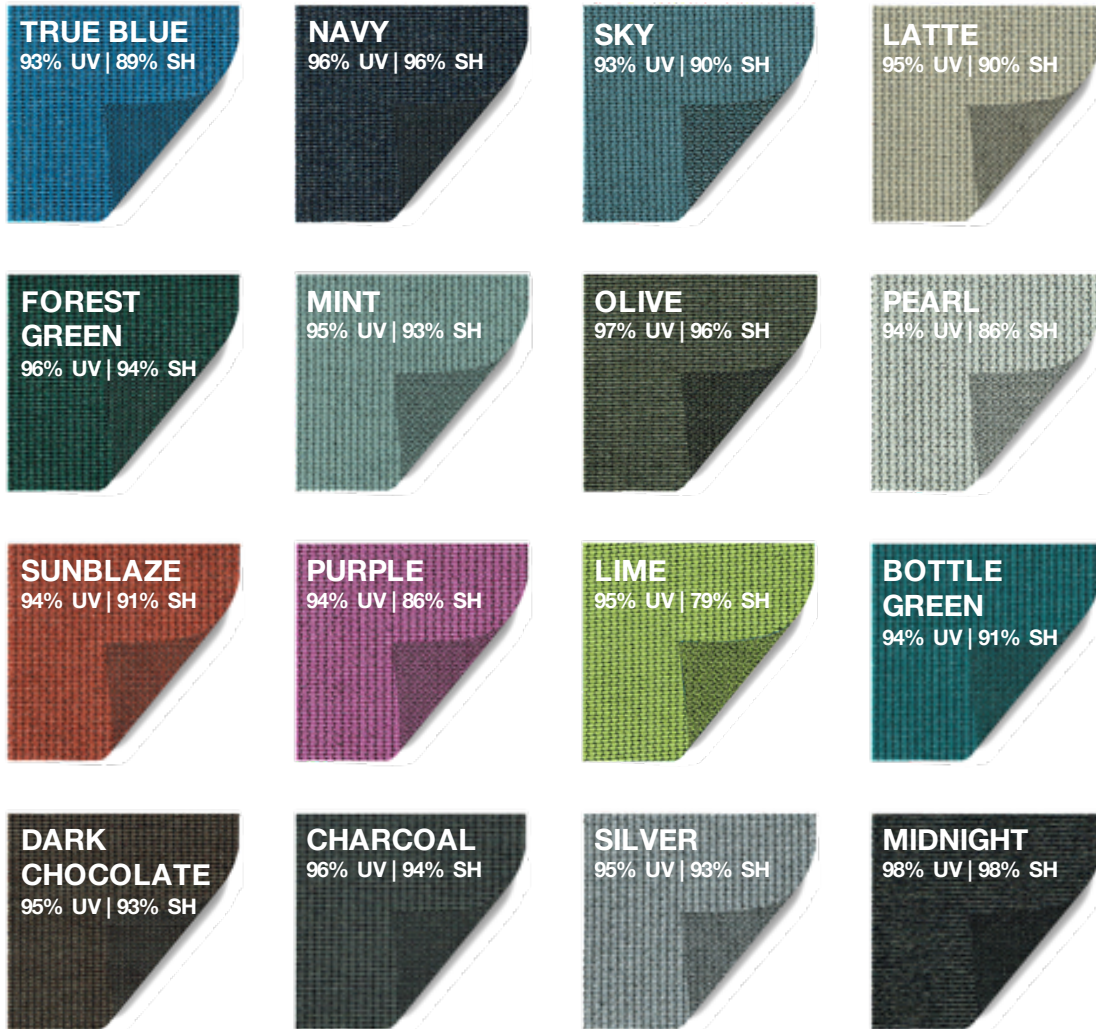
Material Colors

Fabric Colors

Solace Mesh FR



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Solace Mesh FR is the finished fabric coverings offered exclusively through Southern Hemisphere Shades, Inc. Solace Mesh FR fabric covers utilize raw materials that are certified by the California State Fire Marshall (CSFM), Division of State Architect (DSA), National Fire Protection Association (NFPA 701) and ASTM International (ASTM E-84). Please note due to variations in the material this is printed on or device being viewed with the colors depicted here may vary slightly from the finished product. UV stands for Ultraviolet Radiation and the percentage of rays blocked from the sun, which are known to damage the skin including the potential of skin cancer. SH stands for shade factor which is the amount of shade we see underneath the covering during a sunny day. Essentially it's the amount of visible light that is stopped. As example the color Midnight stops more visible light than Pearl.



Steel Colors



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| | | | |
|-----------------------------------|----------------------------------|----------------------------------|-----------------------------------|
| HYPER BLUE SW 6965 | LOYAL BLUE SW 6510 | DYNAMIC BLUE SW 6958 | REAL RED SW 6868 |
| DECISIVE YELLOW SW 6902 | AFRICAN VIOLET SW 6982 | LUCKY GREEN SW 6926 | NIFTY TURQUOISE SW 6941 |
| BEIGE SW 2859 | BLONDE SW 6128 | CELERY SW 6421 | JADE DRAGON SW 9129 |
| EXTRA WHITE SW 7006 | REFUGE SW 6228 | VINTAGE VESSEL SW 9050 | MONORAIL SILVER SW 7663 |
| THUNDER GRAY SW 7645 | BLACK MAGIC SW 6991 | COBBLE BROWN SW 6082 | TERRA COTTA SW 2803 |

Please note due to variations in the material this is printed on or device being viewed with the colors depicted here may vary slightly from the finished product.