

Shade 
systems[™]
INC.
*the coolest solutions under the sun*SM

RFP:RECP-170039-DM - Design, Permitting, Fabrication, and Installation of Shade Structures
City of Gainesville, Florida

Bid Date & Time: Wednesday, May 31st 2017 3:00 PM EST

Company Contact: Jeremy Purkis – 1-800-609-6066



This rendering is preliminary and for conceptual visual presentation only and should not be relied on for construction. Actual appearance of products may vary significantly at time of final engineered design. Please refer to engineering plans and specifications for actual field measurements.



Roper Park
400 Block of NE 2nd Street
Gainesville, FL

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Example of Conceptual Proposed Shade Design

Roper Park
Gainesville, FL.



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May 31, 2017

City of Gainesville
Attn: Purchasing
200 East University Ave, Room 339
Gainesville, FL 32601

RE: RECP-170039-DM Permitting, Fabrication, and Installation of Shade Structures at City Parks

Dear Sir or Madam:

We are pleased to attach herewith our bid submittal pursuant to the above-referenced request for Quote Proposals. We have visited the project sites, and have taken into consideration all the requirements set forth in your RFQ packet as well as the information provided in all addenda.

Shade Systems is proposing using our Custom Sails Structures to cover your (8) proposed projects. Attached are sample drawings of the structures, as well as renderings for each location.

Shade Systems has successfully completed countless projects using Custom Sails covering playgrounds in the past 14 years and we have included similar projects in our proposal for your review. We would also like to invite you to come tour our manufacturing plant, which is located in Ocala, Florida. There, you would see firsthand our vertically-integrated capabilities to complete your entire project from conception to manufacturing under one roof. We are fully insured (see attached COI) and bonded, with a current bonding capacity of \$10 million.

Please note the important benefits provided by Shade Systems products:

- **One-Point "Sail" Attachment System** easy canopy removal system (see page 20 of enclosed product catalog and the enclosed information sheet) - makes it easy to remove **AND** re-attach sail canopy in the event of hurricane.
- **20 year** post and frame warranty
- **10 year** fabric and stitching thread warranty (warranties are **NOT** pro-rated)
- Up to **99% UV Block**
- Includes your **choice of fabric** colors shown on page 36 of enclosed catalog and the enclosed fabric sample pack.

Thank you for the opportunity to submit our proposal, and we look forward to working with you.

Sincerely,

Jeremy Purkis

Jeremy Purkis
Design Consultant

Why choose Shade Systems™?

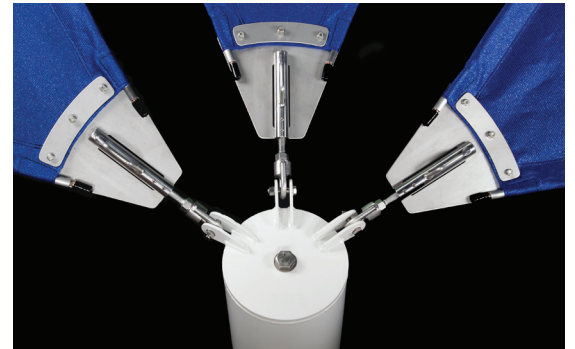
✓ Turn-N-Slide™ Easy Fastening System

- Makes it easy to remove and re-attach the fabric canopy for the winter season or in case of severe storm such as hurricanes (most other shade companies' products are permanent and require professional installers to remove and re-install the canopy).
- Only patented and time-tested system of its kind – in continuous use nationwide since 2003
- See our demonstration video at:
<http://shadesystemsinc.com/turnslide/turn-n-slide-video/>



✓ One-Point 'Sail' Attachment System

- No need to thread messy cables - each corner of the Sail fabric canopy features a stainless steel bracket with just one tensioning bolt to easily attach or remove the canopy. Cables are permanently concealed in the hems and terminate in the stainless steel bracket - you never have to touch them!
- See our demonstration video at:
<http://shadesystemsinc.com/sails/sails-video/>



✓ Extensive use of stainless steel for maximum corrosion resistance

- All stainless steel hardware
- All stainless steel cables

✓ 100% U.S. made - All under one roof in our Florida factory!

- Watch our 5-minute Factory Tour video:
<http://shadesystemsinc.com/about-us/factory-tour-video/>

✓ Most comprehensive warranties in the industry

20 yrs on metal frames against rust-through corrosion
10 yrs on CoolNet™ shade fabric against deterioration

10 yrs on CoolNet™ stitching thread against deterioration
10 yrs on Turn-N-Slide™ Easy Fastening System

(And none of the above warranties are pro-rated!)

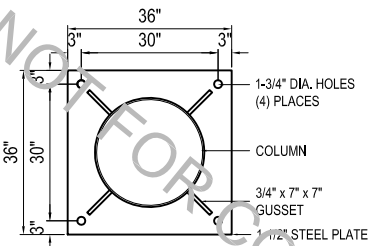
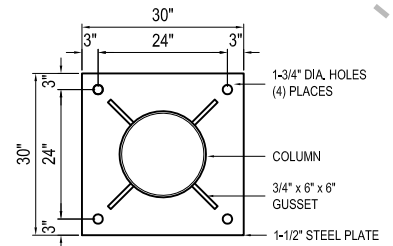
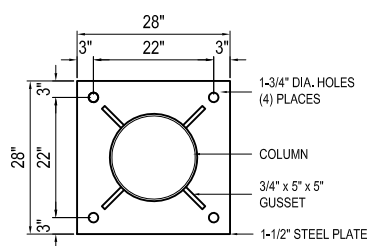
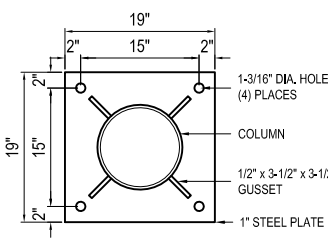
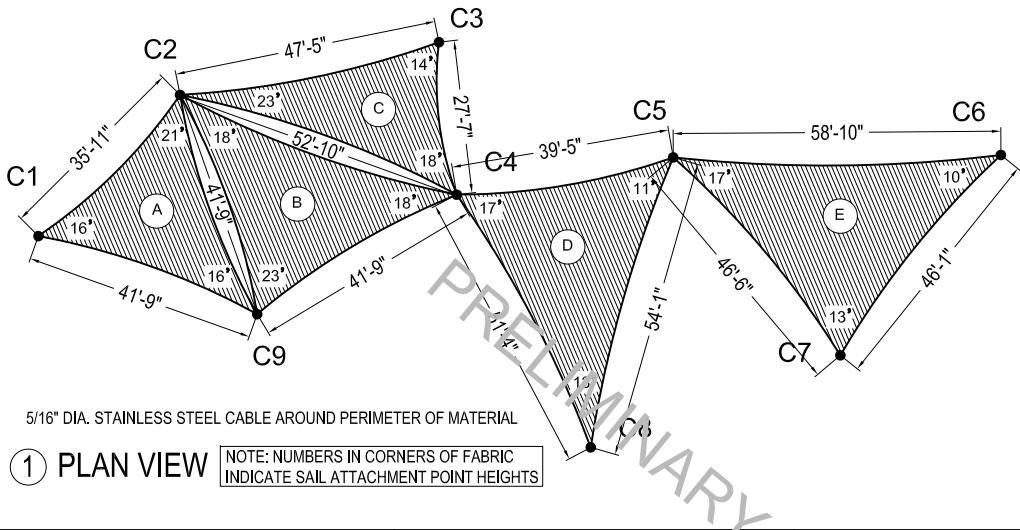
✓ Fire Rated

- CoolNet™ Shade Fabric is treated with fire retardants, and passes the requirements established under the NFPA 701 Test Method 2 test standards for flammability, including the accelerated water leaching protocol. Ask for a copy of the test results.

✓ Maximum U.V. protection

- Up to 99% U.V. screening protects against sun overexposure
- Reduces temperatures by up to 15-20 degrees
- Extends the life of playground equipment and other property underneath

IMPORTANT: The footings sizes provided are estimated only. Depending on local conditions, actual engineered concrete footings may be substantially larger than estimates provided herein. Shade Systems is not responsible for actual engineered footings sizes differing from the estimates given or for any additional concrete installation costs which may be incurred by you as a result thereof.



GENERAL NOTES

1. THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE FIFTH EDITION AND ASCE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

| | |
|------------------|--------------------------------------|
| RISK CATEGORY | STRUCTURE WITH FABRIC CANOPY REMOVED |
| EXPOSURE | C |
| BASIC WIND SPEED | 105 MPH |

2. THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.

3. ALL FASTENERS SHALL BE STAINLESS STEEL.

4. THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 3105.4 OF THE FLORIDA BUILDING CODE GOVERNING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMING MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 105 MPH WITH THE FABRIC ATTACHED. THIS FABRIC SYSTEMS IS DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:

1- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A36

2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70S-88 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.

3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:

1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.

2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (F) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.

3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (F_y) OF 60 KSI.

4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

FABRIC:

1- KNITTED HOPE FABRIC HAS A SIEVE FACTOR OF 64%

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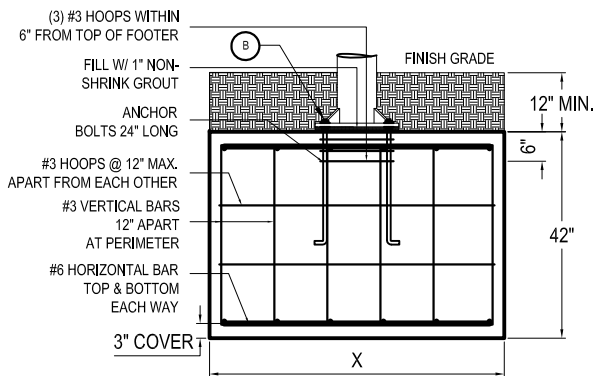
Firm Name and Address

Shade systems
 4150 S.W. 19 Street
 Ocala, FL 34474
 Tel.: 1-800-609-6066

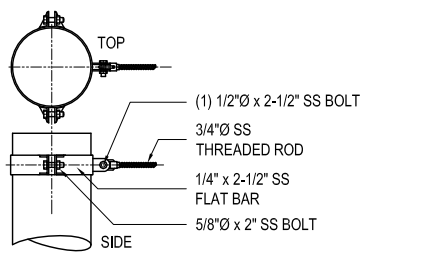
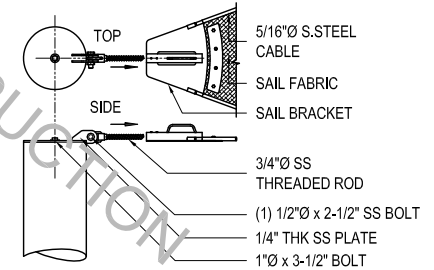
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**City Of Gainesville
 Roper Park
 Gainesville, FL**

NOTE TO OWNER:
 OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS OF 90 MPH.



| | STEEL COLUMN | FOOTER | | ANCHOR BOLT SIZE | NUMBER OF HORIZONTAL REBARS EACH WAY |
|-------|---------------------------|-------------|---------|------------------|--------------------------------------|
| | | | X | | |
| C1 | 10-3/4" DIA. X .365" WALL | 74" X 74" | 1'Ø | 7 | |
| C2 | 24" DIA. X .375" WALL | 130" X 130" | 1-1/2"Ø | 12 | |
| C3 | 10-3/4" DIA. X .365" WALL | 72" X 72" | 1'Ø | 7 | |
| C4 | 18" DIA. X .375" WALL | 108" X 108" | 1-1/2"Ø | 10 | |
| C5 | 16" DIA. X .375" WALL | 88" X 88" | 1-1/2"Ø | 8 | |
| C6 | 10-3/4" DIA. X .365" WALL | 68" X 68" | 1'Ø | 7 | |
| C7/C8 | 10-3/4" DIA. X .365" WALL | 74" X 74" | 1'Ø | 7 | |
| C9 | 18" DIA. X .375" WALL | 102" X 102" | 1-1/2"Ø | 10 | |



Approved:

Model Name:
 CUSTOM SAIL SHADE SYSTEM STRUCTURE

Model No.:
 SAIL

| Revisions | |
|-----------|--|
| | |

REP:
 JP050117-B

REP QTE. NO.
 00000000

| | |
|------------------|---------------|
| Approved: JRB | Job: QTE |
| Checked: MG | |
| Drawn: AB | |
| Date: 05/09/2017 | Sheet: 1 OF 1 |
| NOT TO SCALE | |



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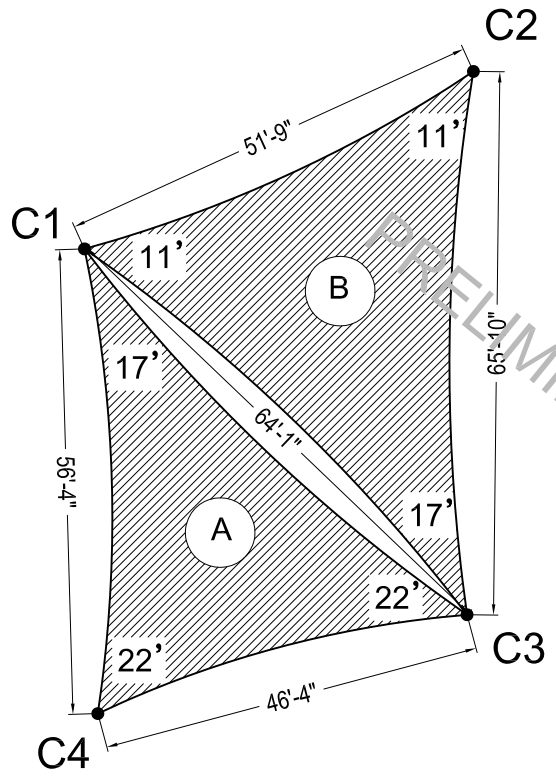


Roper Park

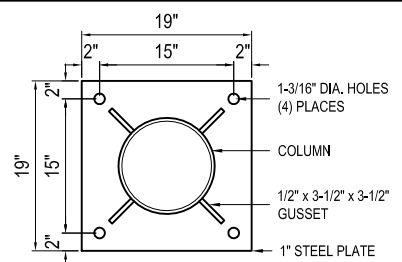
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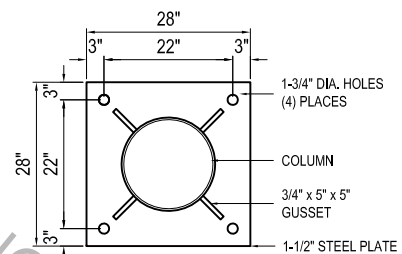
IMPORTANT: The footings sizes provided are estimated only. Depending on local conditions, actual engineered concrete footings may be substantially larger than estimates provided herein. Shade Systems is not responsible for actual engineered footings sizes differing from the estimates given or for any additional concrete installation costs which may be incurred by you as a result thereof.



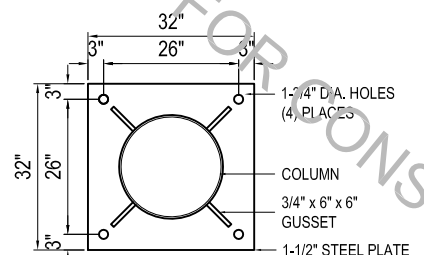
5/16" DIA. STAINLESS STEEL CABLE AROUND PERIMETER OF MATERIAL
1 PLAN VIEW NOTE: NUMBERS IN CORNERS OF FABRIC INDICATE SAIL ATTACHMENT POINT HEIGHTS



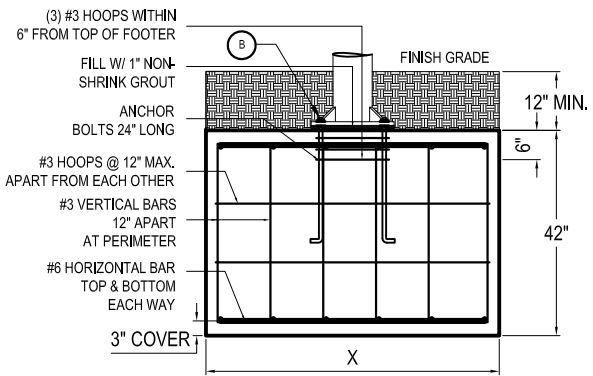
2 BASE PLATE C2 DETAIL



3 BASE PLATE C1 & C4 DETAIL



4 BASE PLATE C3 DETAIL



2 FOOTING DETAIL

NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

| | STEEL COLUMN | FOOTER | | ANCHOR BOLT SIZE | NUMBER OF HORIZONTAL REBARS EACH WAY |
|----|---------------------------|-------------|---------|------------------|--------------------------------------|
| | | X | | | |
| C1 | 16" DIA. X .375" WALL | 92" X 92" | 1-1/2"Ø | 9 | |
| C2 | 10-3/4" DIA. X .365" WALL | 74" X 74" | 1"Ø | 7 | |
| C3 | 20" DIA. X .375" WALL | 110" X 110" | 1-1/2"Ø | 11 | |
| C4 | 16" DIA. X .375" WALL | 84" X 84" | 1-1/2"Ø | 8 | |

GENERAL NOTES

1- THE SHADE SYSTEMS, INC.'S STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE FIFTH EDITION AND ASCE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

| | |
|------------------|--------------------------------------|
| RISK CATEGORY | STRUCTURE WITH FABRIC CANOPY REMOVED |
| EXPOSURE | I |
| BASIC WIND SPEED | 105 MPH |

2- THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.
 3- ALL FASTENERS SHALL BE STAINLESS STEEL.
 4- THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 3105.4 OF THE FLORIDA BUILDING CODE REGARDING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMING MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 105 MPH WITH THE FABRIC ATTACHED. THIS FABRIC SYSTEM IS DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:
 1- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A572.
 2- ALL PARTS SHALL BE FACTOR WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70XX AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.
 3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:
 1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.
 2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f_c) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.
 3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (f_y) OF 60 KSI.
 4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

FABRIC:
 1- KNITTED HDPE FABRIC HAS A SIEVE FACTOR OF 64S.

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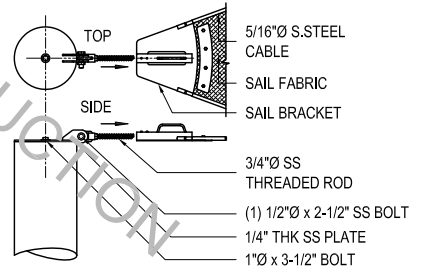
NOTE TO OWNER:
 OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS OF 90 MPH.

Firm Name and Address

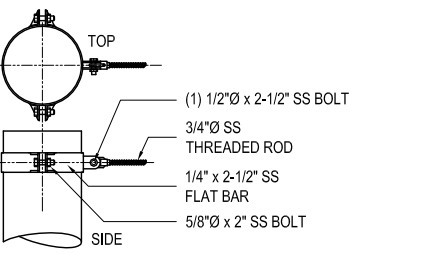
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 Ocala, FL 34474
 Tel.: 1-800-609-6066

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**City Of Gainesville
 Fred Cone Park
 Gainesville, FL**



3 SAIL TOP CORNER DETAIL



4 SAIL BRACKET DETAIL

Approved:

Model Name: CUSTOM SAIL SHADE SYSTEM STRUCTURE
 Model No.: SAIL

| Revisions |
|-----------|
| |

REP: JP050117-B

REP QTE. NO. 00000000

Approved: JRB Job: QTE
 Checked: MG
 Drawn: AB
 Date: 05/09/2017 Sheets: 1 OF 1
 NOT TO SCALE



Shade 
systems[™]

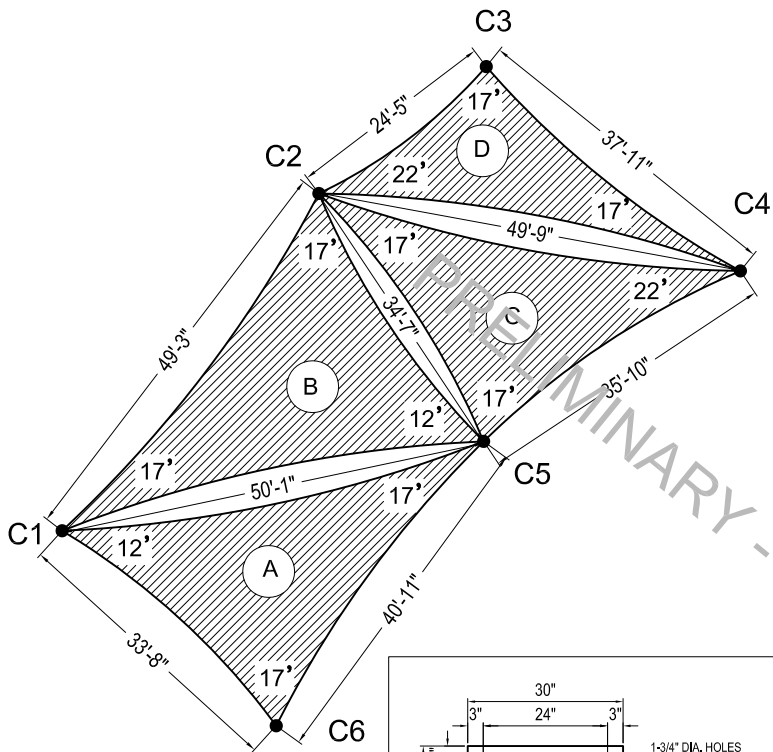
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This rendering is preliminary and for conceptual visual presentation only and should not be relied on for construction. Actual appearance of products presented may differ at time of final engineered design. Please refer to engineering plans and specifications for actual field measurements

Fred Cone Park
2841 East University Avenue
Gainesville, FL

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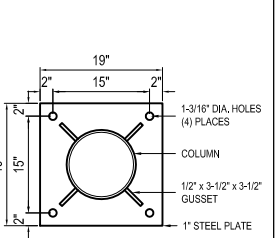
IMPORTANT: The footings sizes provided are estimated only. Depending on local conditions, actual engineered concrete footings may be substantially larger than estimates provided herein. Shade Systems is not responsible for actual engineered footings sizes differing from the estimates given or for any additional concrete installation costs which may be incurred by you as a result thereof.



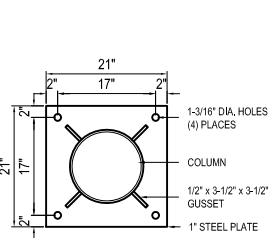
5/16" DIA. STAINLESS STEEL CABLE AROUND PERIMETER OF MATERIAL

NOTE: NUMBERS IN CORNERS OF FABRIC INDICATE SAIL ATTACHMENT POINT HEIGHTS

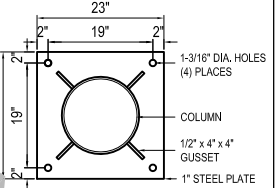
① PLAN VIEW



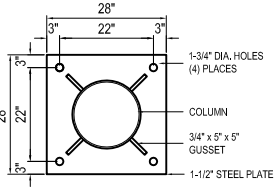
② BASE PLATE C3



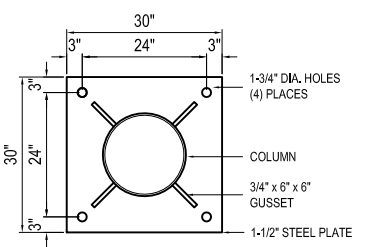
② BASE PLATE C6



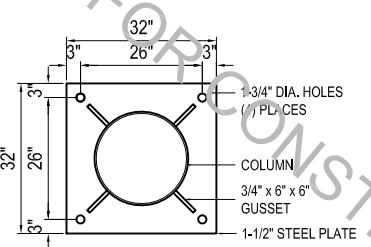
② BASE PLATE C1



② BASE PLATE C5



② BASE PLATE C4



② BASE PLATE C2

GENERAL NOTES

1- THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE FIFTH EDITION AND ASCE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

| | |
|------------------|--------------------------------------|
| RISK CATEGORY | STRUCTURE WITH FABRIC CANOPY REMOVED |
| EXPOSURE | C |
| BASIC WIND SPEED | 105 MPH |

2- THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.

3- ALL FASTENERS SHALL BE STAINLESS STEEL.

4- THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 3105.6 OF THE FLORIDA BUILDING CODE GOVERNING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMING MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 100 MPH WITH THE FABRIC ATTACHED. THE FABRIC SYSTEMS ARE DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:

1- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A36.

2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-S6 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.

3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:

1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 311.

2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f_c) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.

3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (f_y) OF 60 KSI.

4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

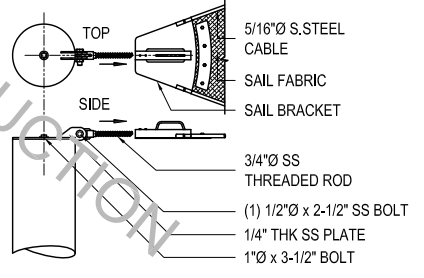
FABRIC:

1- KNITTED HDPE FABRIC HAS A SIEVE FACTOR OF 60%.

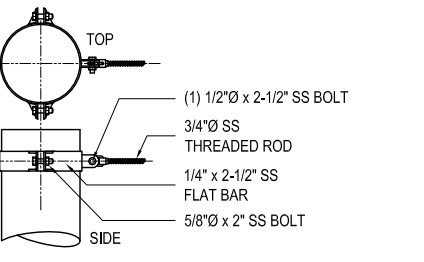
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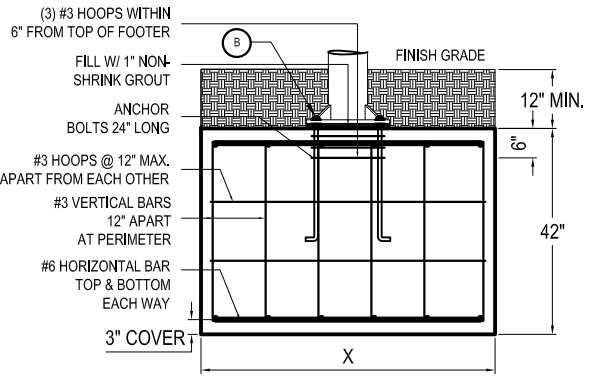
NOTE TO OWNER:
OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS OF 90 MPH.



③ SAIL TOP CORNER DETAIL



④ SAIL BRACKET DETAIL



② FOOTING DETAIL

NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

| | STEEL COLUMN | FOOTER | | ANCHOR BOLT SIZE | NUMBER OF HORIZONTAL REBARS EACH WAY |
|----|---------------------------|-------------|---------|------------------|--------------------------------------|
| | | | X | | |
| C1 | 14" DIA. X .375" WALL | 86" X 86" | 1"Ø | 8 | |
| C2 | 20" DIA. X .375" WALL | 110" X 110" | 1-1/2"Ø | 11 | |
| C3 | 10-3/4" DIA. X .365" WALL | 72" X 72" | 1"Ø | 7 | |
| C4 | 18" DIA. X .375" WALL | 100" X 100" | 1-1/2"Ø | 10 | |
| C5 | 16" DIA. X .375" WALL | 86" X 86" | 1-1/2"Ø | 8 | |
| C6 | 12-3/4" DIA. X .375" WALL | 74" X 74" | 1"Ø | 7 | |

Firm Name and Address

Shade systems

4150 S.W. 19 Street
Ocala, FL 34474
Tel.: 1-800-609-6066

NOTE: PRELIMINARY AND TENTATIVE DRAWING. NOT FOR CONSTRUCTION. ALL INFORMATION SHOWN IS SUBJECT TO CHANGE BY MANUFACTURER PRIOR TO DELIVERY. USE ONLY DRAWINGS AND INSTRUCTIONS PROVIDED WITH YOUR ORDER FOR CONSTRUCTION

**City Of Gainesville
Cedar Grove Park
Gainesville, FL**

Approved:

Model Name:
CUSTOM SAIL SHADE SYSTEM STRUCTURE

Model No.:
SAIL

Revisions

REP:
JP050117-B

REP QTE. NO.
00000000

Approved: JRB Job: QTE
Checked: MG
Drawn: AB
Date: 05/09/2017 Sheets: 1 OF 1
NOT TO SCALE

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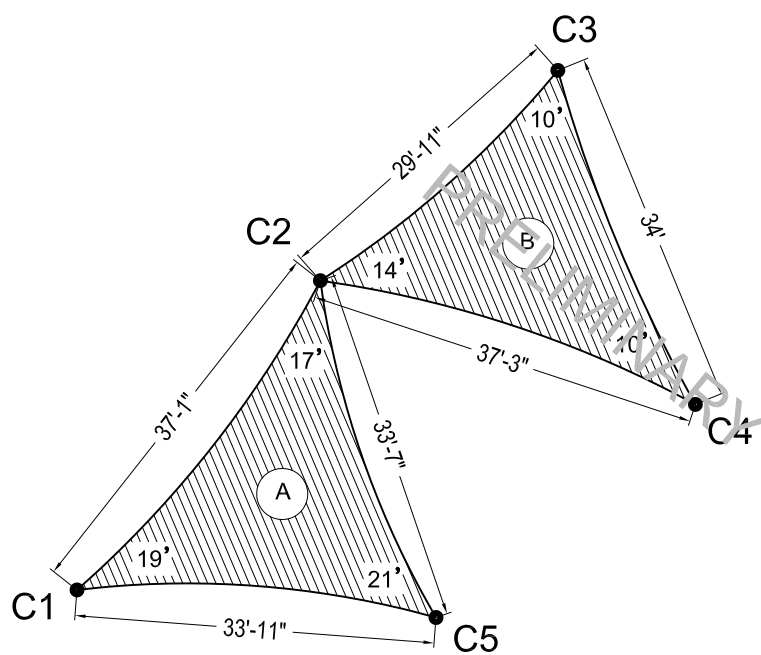
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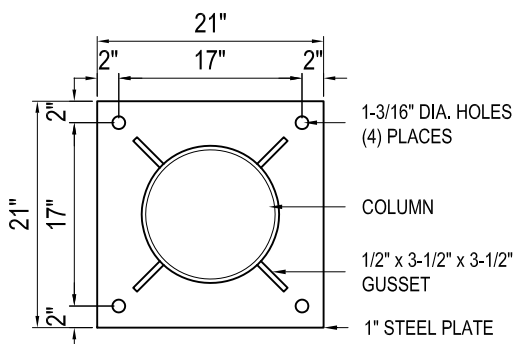
Cedar Grove Park 1200 NE 22nd St. Gainesville, FL

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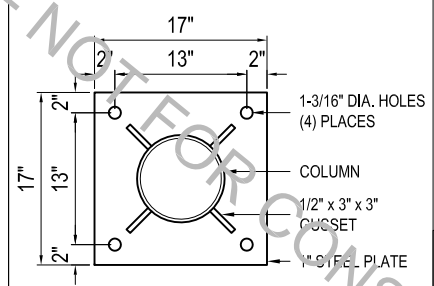
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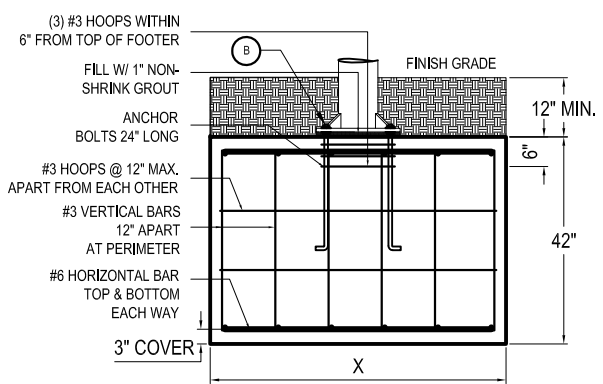
① PLAN VIEW
5/16" DIA. STAINLESS STEEL CABLE AROUND PERIMETER OF MATERIAL
NOTE: NUMBERS IN CORNERS OF FABRIC INDICATE SAIL ATTACHMENT POINT HEIGHTS



② BASE PLATE C1, C2 & C5 DETAIL



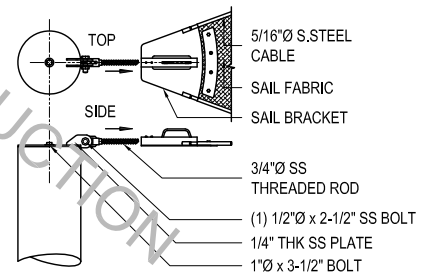
② BASE PLATE C3 & C4 DETAIL



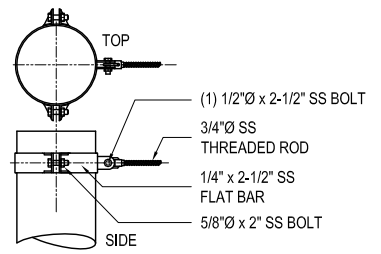
② FOOTING DETAIL

NOTE: GROUT, HOOPS, REBAR & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

| | STEEL COLUMN | FOOTER | | ANCHOR BOLT SIZE | NUMBER OF HORIZONTAL REBAR EACH WAY |
|----|---------------------------|-----------|-----|------------------|-------------------------------------|
| | | X | | | |
| C1 | 12-3/4" DIA. X .375" WALL | 74" X 74" | 1"Ø | 7 | |
| C2 | 12-3/4" DIA. X .375" WALL | 82" X 82" | 1"Ø | 8 | |
| C3 | 8-5/8" DIA. X .322" WALL | 52" X 52" | 1"Ø | 6 | |
| C4 | 8-5/8" DIA. X .322" WALL | 52" X 52" | 1"Ø | 6 | |
| C5 | 12-3/4" DIA. X .375" WALL | 76" X 76" | 1"Ø | 7 | |



③ SAIL TOP CORNER DETAIL



④ SAIL BRACKET DETAIL

GENERAL NOTES

1- THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE FIFTH EDITION AND ASCE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

| | |
|------------------|--------------------------------------|
| RISK CATEGORY | STRUCTURE WITH FABRIC CANOPY REMOVED |
| EXPOSURE | C |
| BASIC WIND SPEED | 165 MPH |

2- THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.
3- ALL FASTENERS SHALL BE STAINLESS STEEL.
4- THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 3105.4 OF THE FLORIDA BUILDING CODE REGARDING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMING MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 105 MPH WITH THE FABRIC ATTACHED. THIS FABRIC SYSTEM IS DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:

1- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A36
2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-68 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.
3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.
CONCRETE:
1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.
2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'_c) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 5000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.
3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (f_y) OF 60 KSI.
4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

FABRIC:

1- KNITTED HOPE FABRIC HAS A SIEVE FACTOR OF 64%.

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Firm Name and Address
Shade systems™
4150 S.W. 19 Street
Ocala, FL 34474
Tel.: 1-800-809-6066

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**City Of Gainesville
Porter Community Park
Gainesville, FL**

Approved: _____

Model Name: CUSTOM SAIL SHADE SYSTEM STRUCTURE
Model No.: SAIL

Revisions

REP: JP050117-B

REP QTE. NO. 00000000

Approved: JRB Job: QTE
Checked: MG
Drawn: AB
Date: 05/08/2017
NOT TO SCALE Sheets: 1 OF 1



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INC.

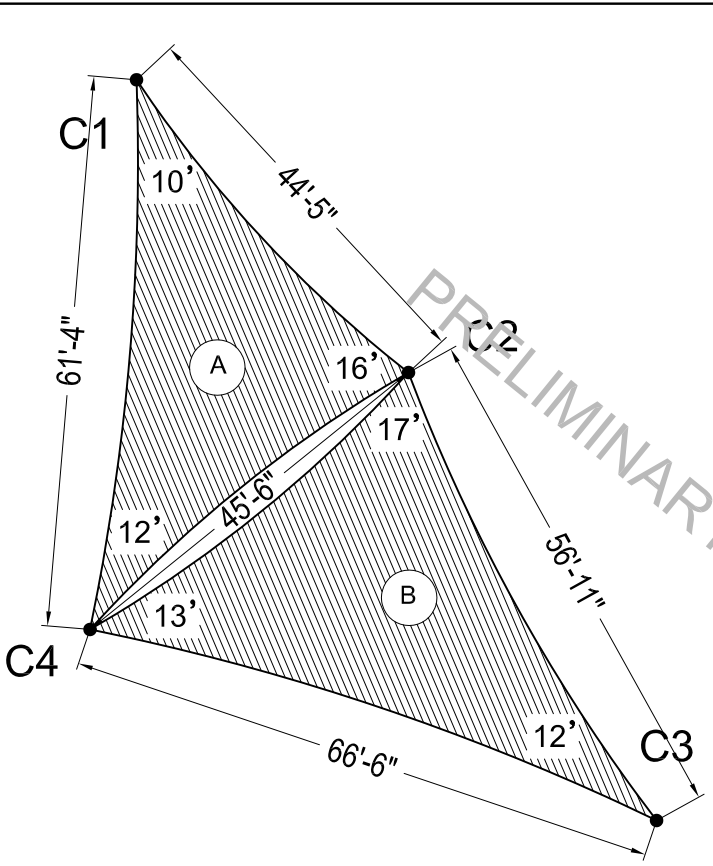
www.shadesystemsinc.com

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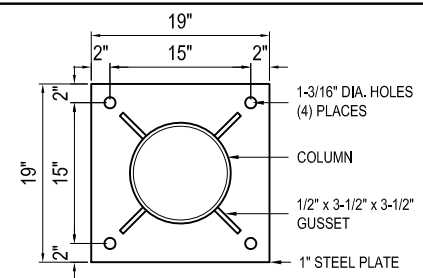
Porter's Community Center
315 SW 7th Avenue
Gainesville, FL

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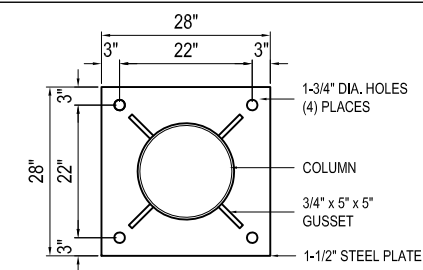
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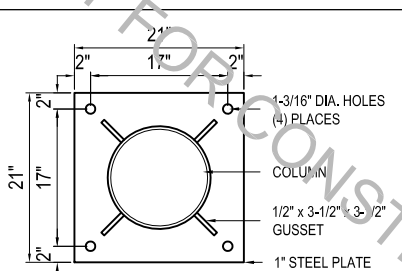
5/16" DIA. STAINLESS STEEL CABLE AROUND PERIMETER OF MATERIAL
1 PLAN VIEW NOTE: NUMBERS IN CORNERS OF FABRIC INDICATE SAIL ATTACHMENT POINT HEIGHTS



B BASE PLATE C1 & C3 DETAIL



B BASE PLATE C2 DETAIL



B BASE PLATE C4 DETAIL

GENERAL NOTES

1- THE SHADE SYSTEMS, INC.'S STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE FIFTH EDITION AND ASCE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

| | |
|------------------|--------------------------------------|
| RISK CATEGORY | STRUCTURE WITH FABRIC CANOPY REMOVED |
| EXPOSURE | C |
| BASIC WIND SPEED | 165 MPH |

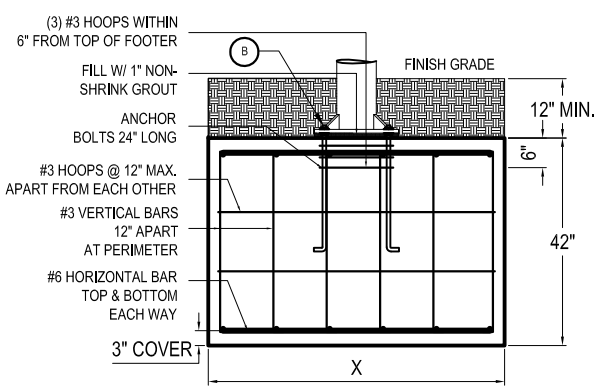
2- THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.
 3- ALL FASTENERS SHALL BE STAINLESS STEEL.
 4- THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 5105.4 OF THE FLORIDA BUILDING CODE GOVERNING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMED MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 105 MPH WITH THE FABRIC ATTACHED. THIS FABRIC SYSTEM IS DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:

1- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A36.
 2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-SS AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.
 3- ALL WELDS SHALL BE FILLET WELDS WITH MINIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATING GROOVE WELDS.
CONCRETE:
 1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF AC 301 AND 318.
 2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'c) OF 3000 PSI. A CONCRETE MIX HAVING A COMPRESSIVE STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.
 3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (fy) OF 60 KSI.
 4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).
FABRIC:
 1- KNITTED HDPE FABRIC HAS A SIEVE FACTOR OF 64%.

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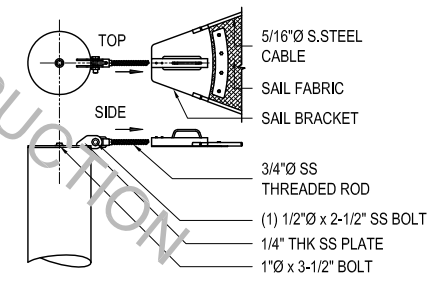
NOTE TO OWNER:
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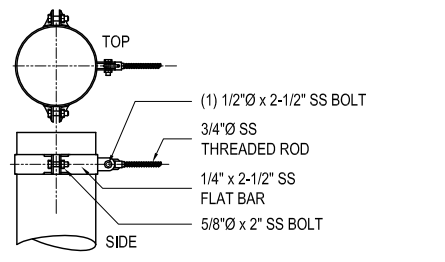
2 FOOTING DETAIL

NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

| | STEEL COLUMN | FOOTER | | ANCHOR BOLT SIZE | NUMBER OF HORIZONTAL REBARS EACH WAY |
|----|---------------------------|-----------|---------|------------------|--------------------------------------|
| | | | X | | |
| C1 | 10-3/4" DIA. X .365" WALL | 68" X 68" | 1"Ø | 7 | |
| C2 | 16" DIA. X .375" WALL | 90" X 90" | 1-1/2"Ø | 8 | |
| C3 | 10-3/4" DIA. X .365" WALL | 72" X 72" | 1"Ø | 7 | |
| C4 | 12-3/4" DIA. X .375" WALL | 84" X 84" | 1"Ø | 8 | |



3 SAIL TOP CORNER DETAIL



4 SAIL BRACKET DETAIL

Firm Name and Address
Shade systems
 4150 S.W. 19 Street
 Ocala, FL 34474
 Tel.: 1-800-809-6066

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**City Of Gainesville
 Rosa Williams Center
 Gainesville, FL**

Approved: _____

Model Name: CUSTOM SAIL SHADE SYSTEM STRUCTURE

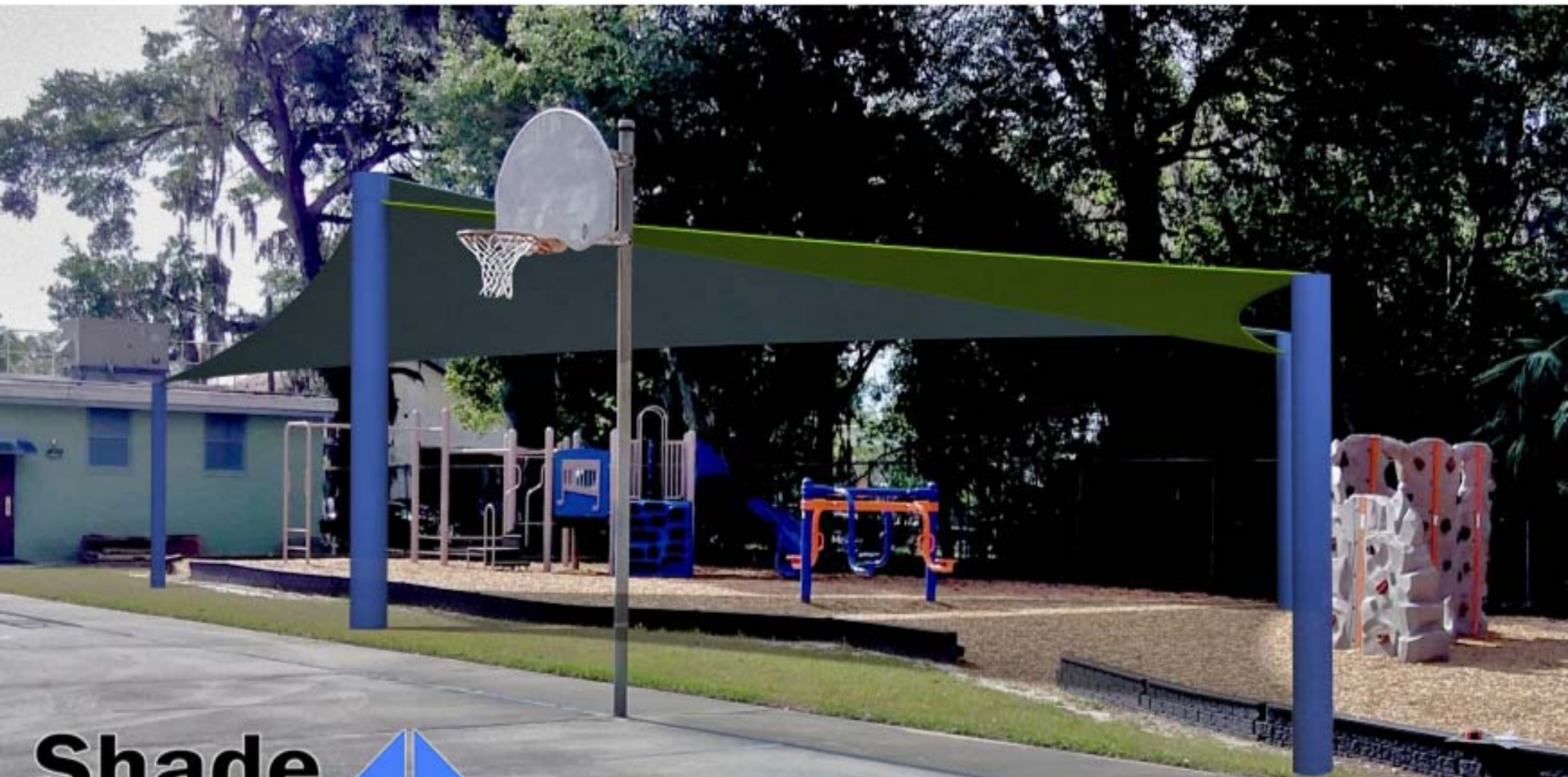
Model No.: SAIL

| Revisions | |
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REP: JP050117-B

REP QTE. NO. 00000000

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| Approved: JRB | Job: QTE |
| Checked: MG | Drawn: AB |
| Date: 05/09/2017 | Sheets: 1 OF 1 |



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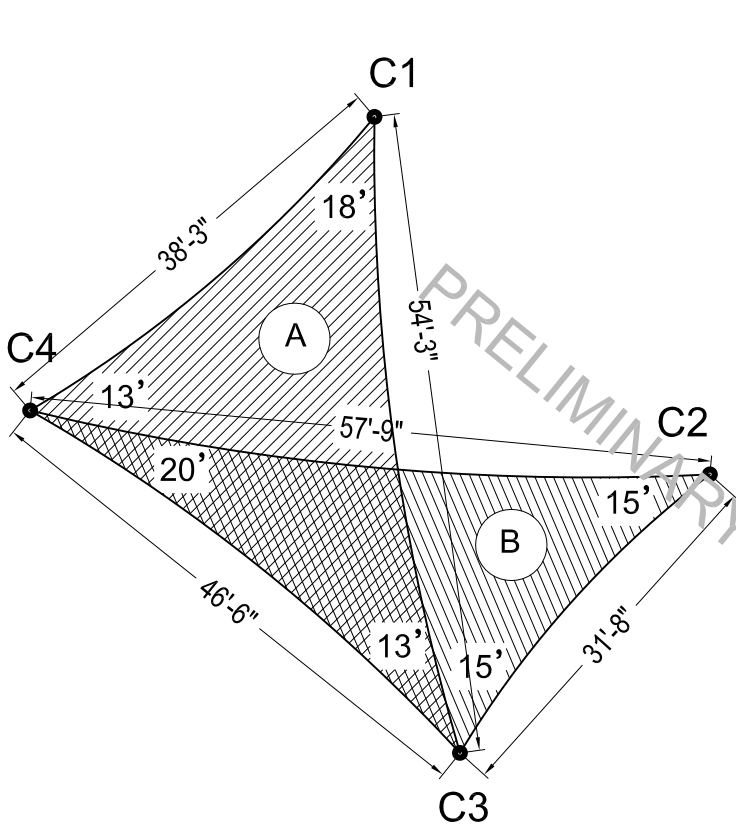
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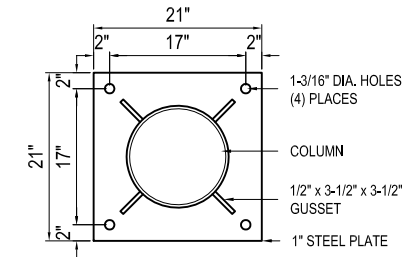
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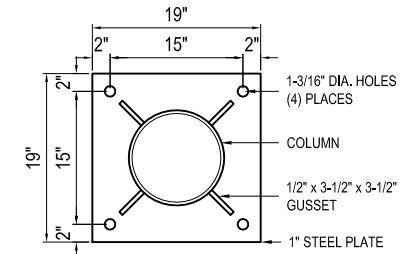
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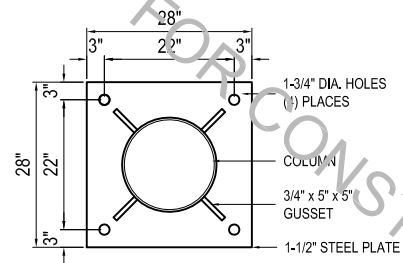
① **PLAN VIEW**
NOTE: NUMBERS IN CORNERS OF FABRIC INDICATE SAIL ATTACHMENT POINT HEIGHTS



② **BASE PLATE C1 & C3 DETAIL**



② **BASE PLATE C2 DETAIL**



② **BASE PLATE C4 DETAIL**

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| | |
|------------------|--------------------------------------|
| RISK CATEGORY | STRUCTURE WITH FABRIC CANOPY REMOVED |
| EXPOSURE | C |
| BASIC WIND SPEED | 105 MPH |

2- THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.
3- ALL FASTENERS SHALL BE STAINLESS STEEL.

4- THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 3105.4 OF THE FLORIDA BUILDING CODE GOVERNING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMING MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 105 MPH WITH THE FABRIC ATTACHED. THE FABRIC SYSTEMS IS DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:

1- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A58.

2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-S6 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.

3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:

1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.

2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f_c) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.

3- REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (f_y) OF 60 KSI.

4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" MIN.

FABRIC:

1- KNITTED HOPE FABRIC HAS A SEVE FACTOR OF 64%.

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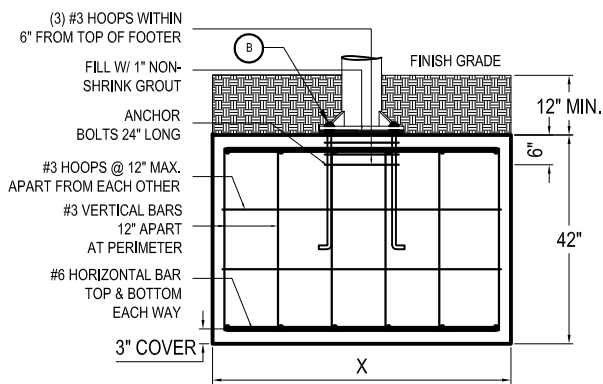
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NOTE TO OWNER:
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Ocala, FL 34474
Tel.: 1-800-609-6066

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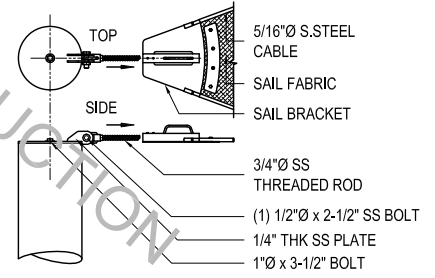
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MLK Center Park
Gainesville, FL



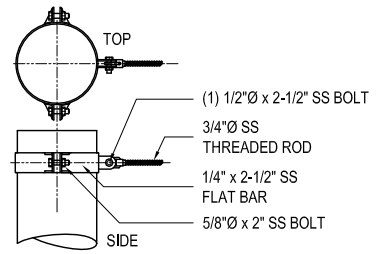
② **FOOTING DETAIL**

NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

| | STEEL COLUMN | FOOTER | | ANCHOR BOLT SIZE | NUMBER OF HORIZONTAL REBARS EACH WAY |
|----|---------------------------|-----------|---|------------------|--------------------------------------|
| | | | X | | |
| C1 | 12-3/4" DIA. X .375" WALL | 76" X 76" | | 1"Ø | 7 |
| C2 | 10-3/4" DIA. X .365" WALL | 74" X 74" | | 1"Ø | 7 |
| C3 | 12-3/4" DIA. X .375" WALL | 84" X 84" | | 1"Ø | 8 |
| C4 | 16" DIA. X .375" WALL | 88" X 88" | | 1-1/2"Ø | 8 |



③ **SAIL TOP CORNER DETAIL**



④ **SAIL BRACKET DETAIL**

Approved: _____

Model Name:
CUSTOM SAIL SHADE SYSTEM STRUCTURE

Model No.:
SAIL

Revisions

REP:
JP050117-B

REP QTE. NO.
00000000

| | |
|------------------|----------------|
| Approved: JRB | Job: QTE |
| Checked: MG | |
| Drawn: AB | |
| Date: 05/09/2017 | Sheets: 1 OF 1 |
| NOT TO SCALE | |



Shade
systems[™]
INC.

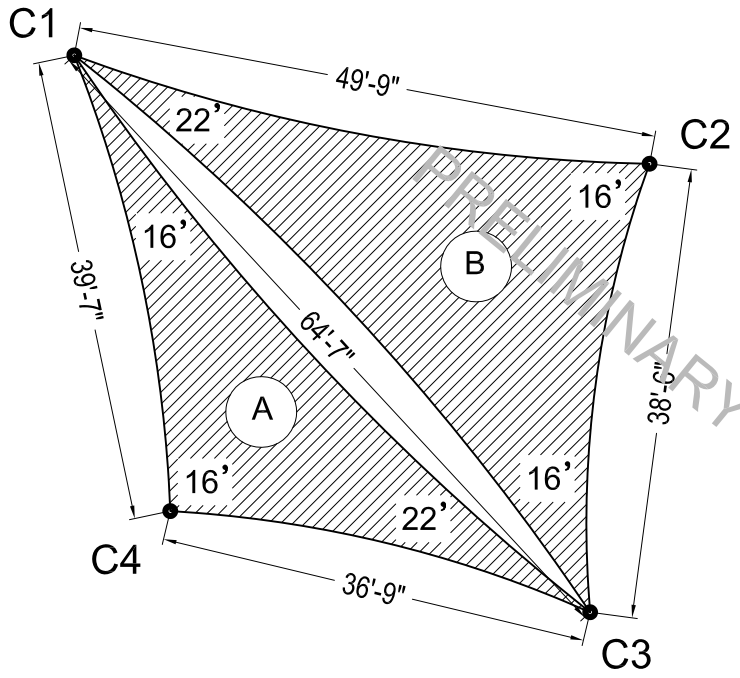
www.shadesystemsinc.com

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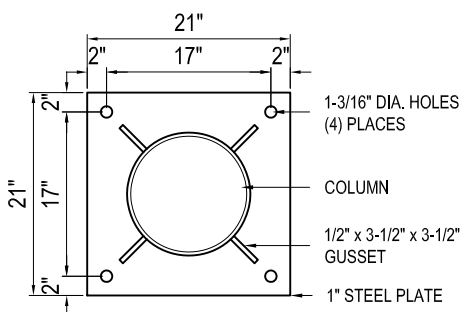
MLK Center
1028 NE 14th Street
Gainesville, FL

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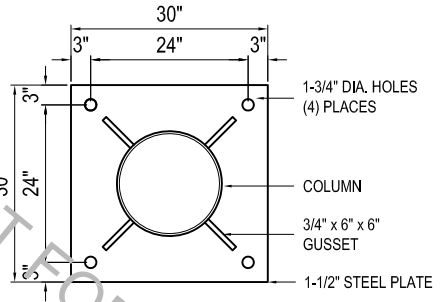
IMPORTANT: The footings sizes provided are estimated only. Depending on local conditions, actual engineered concrete footings may be substantially larger than estimates provided herein. Shade Systems is not responsible for actual engineered footings sizes differing from the estimates given or for any additional concrete installation costs which may be incurred by you as a result thereof.



5/16" DIA. STAINLESS STEEL CABLE AROUND PERIMETER OF MATERIAL
1 PLAN VIEW NOTE: NUMBERS IN CORNERS OF FABRIC INDICATE SAIL ATTACHMENT POINT HEIGHTS



B BASE PLATE C2 & C4 DETAIL



B BASE PLATE C1 & C3 DETAIL

GENERAL NOTES

1-THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE FIFTH EDITION AND ASCE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

| | |
|------------------|--------------------------------------|
| RISK CATEGORY | STRUCTURE WITH FABRIC CANOPY REMOVED |
| EXPOSURE | C |
| BASIC WIND SPEED | 165 MPH |

2-THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.

3-ALL FASTENERS SHALL BE STAINLESS STEEL.

4-THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 3105.4 OF THE FLORIDA BUILDING CODE GOVERNING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMING MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 105 MPH WITH THE FABRIC ATTACHED. THIS FABRIC SYSTEM IS DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:

1-STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A36.

2-ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70XX AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.

3-ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:

1-ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.

2-CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'c) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.

3-REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (fy) OF 60 KSI.

4-UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

FABRIC:

1-KNITTED HDPE FABRIC HAS A SIEVE FACTOR OF 64S.

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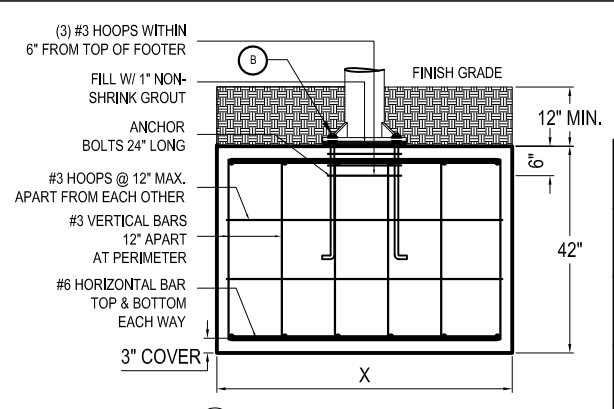
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NOTE TO OWNER:
OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS OF 90 MPH.

Firm Name and Address
Shade systems
 4150 S.W. 19 Street
 Ocala, FL 34474
 Tel.: 1-800-609-6066

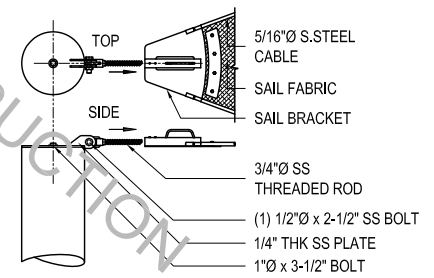
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**City Of Gainesville
 Cofrin Nature Park
 Gainesville, FL**

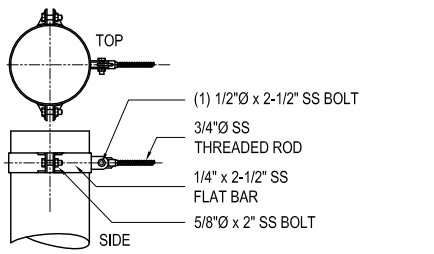


2 FOOTING DETAIL
 NOTE: GROUT, HOOPS, REBAR & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

| | STEEL COLUMN | FOOTER | | ANCHOR BOLT SIZE | NUMBER OF HORIZONTAL REBARS EACH WAY |
|----|---------------------------|-------------|---|------------------|--------------------------------------|
| | | | X | | |
| C1 | 18" DIA. X .375" WALL | 102" X 102" | | 1-1/2"Ø | 10 |
| C2 | 12-3/4" DIA. X .375" WALL | 76" X 76" | | 1"Ø | 7 |
| C3 | 18" DIA. X .375" WALL | 102" X 102" | | 1-1/2"Ø | 10 |
| C4 | 12-3/4" DIA. X .375" WALL | 74" X 74" | | 1"Ø | 7 |



3 SAIL TOP CORNER DETAIL



4 SAIL BRACKET DETAIL

Approved:

Model Name:
CUSTOM SAIL SHADE SYSTEM STRUCTURE

Model No.:
SAIL

| Revisions | |
|-----------|--|
| | |

REP:
JP050117-B

REP QTE. NO.
00000000

| | |
|------------------|----------------|
| Approved: JRB | Job: QTE |
| Checked: MG | |
| Drawn: AB | |
| Date: 05/09/2017 | Sheets: 1 OF 1 |
| NOT TO SCALE | |



Shade
systems[™]

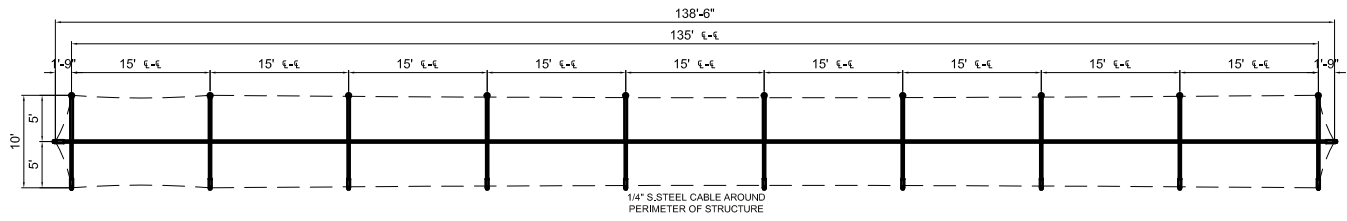
www.shadesystems.com

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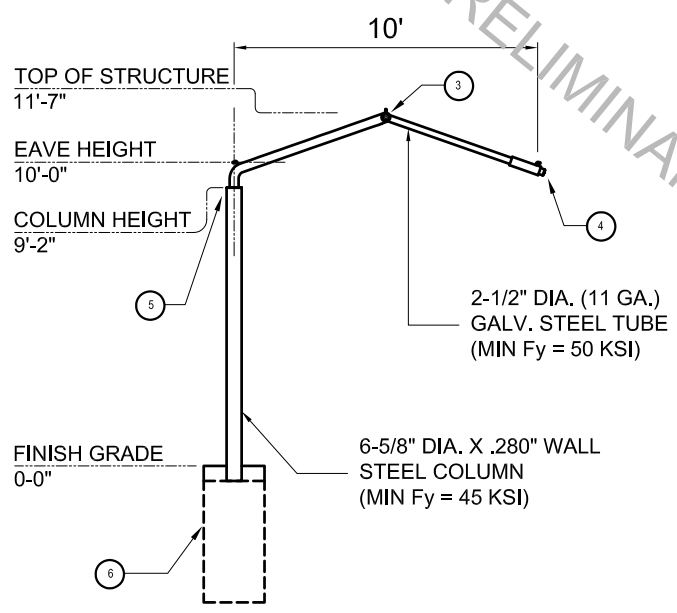
Cofrin Nature Park
4810 NW 8th Avenue
Gainesville, FL

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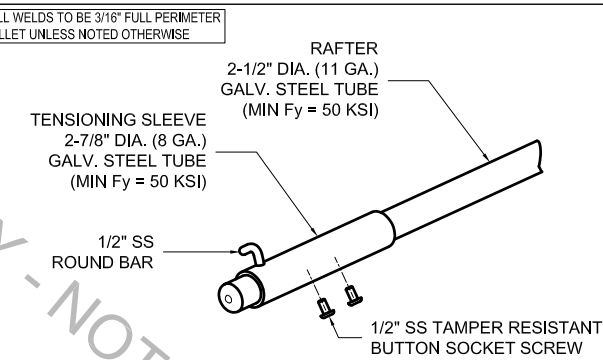
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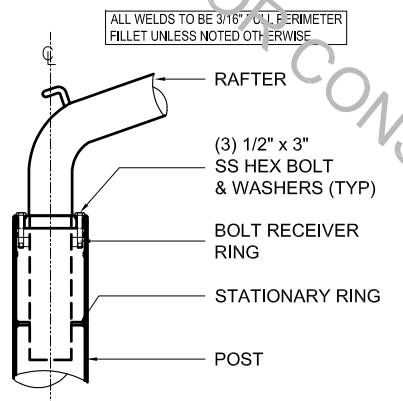
① PLAN VIEW



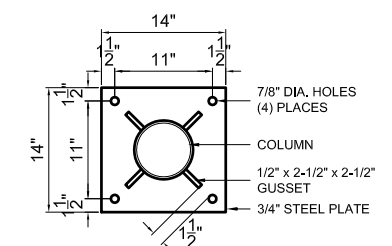
② ELEVATION VIEW



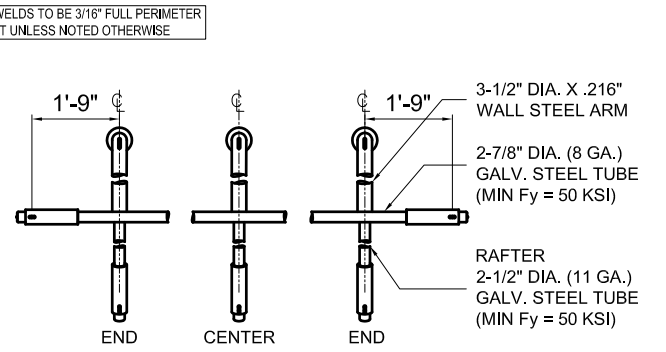
④ TOP CORNER DETAIL



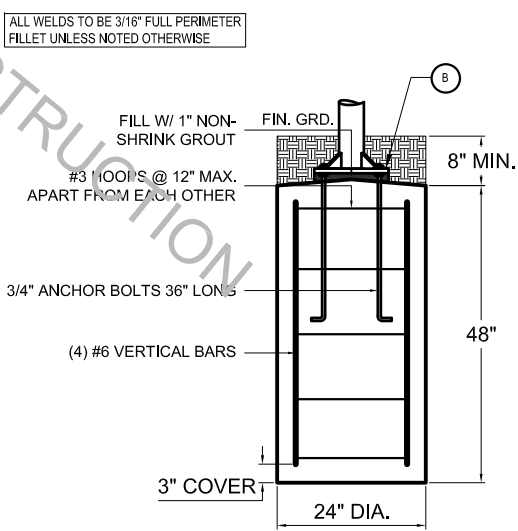
⑤ RAFTER INSERT DETAIL



⑧ BASE PLATE DETAIL



③ RAFTER DETAIL



⑥ FOOTING DETAIL

NOTE TO OWNER:
OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS OF 90 MPH.

GENERAL NOTES

- THE SHADE SYSTEMS, INC. STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE PER SECTION AND ASSE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

| | |
|------------------|--------------------------------------|
| RISK CATEGORY | STRUCTURE WITH FABRIC CANOPY REMOVED |
| EXPOSURE | C |
| BASIC WIND SPEED | 105 MPH |
- THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.
- ALL FASTENERS SHALL BE STAINLESS STEEL.
- THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 3105.4 OF THE FLORIDA BUILDING CODE GOVERNING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMING MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 105 MPH WITH THE FABRIC ATTACHED. THIS FABRIC SYSTEM IS DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:

- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A36.
- ALL PARTS SHALL BE FACTORY WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-S8 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.
- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSIBLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:

- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.
- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (FC) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.
- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (FY) OF 60 KSI.
- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" MIN.

FABRIC:

- KNITTED HOPE FABRIC HAS A SIEVE FACTOR OF 64%.

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Firm Name and Address

Shade systems™

4150 S.W. 19 Street
Ocala, FL 34474
Tel.: 1-800-609-6066

NOTE:
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Ironwood Golf Gainesville, FL

Approved:

Model Name:
SHADE WALK SHADE SYSTEM STRUCTURE

Model No.:
SW1013510PM

| Revisions | |
|-----------|--|
| | |

REP:
JP050117-B

REP QTE. NO.
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| Approved: JRB | Job: QTE |
| Checked: MG | |
| Drawn: RB | |
| Date: 05/18/2017 | Sheets: 1 OF 1 |
| NOT TO SCALE | |

Shade systems

INC.
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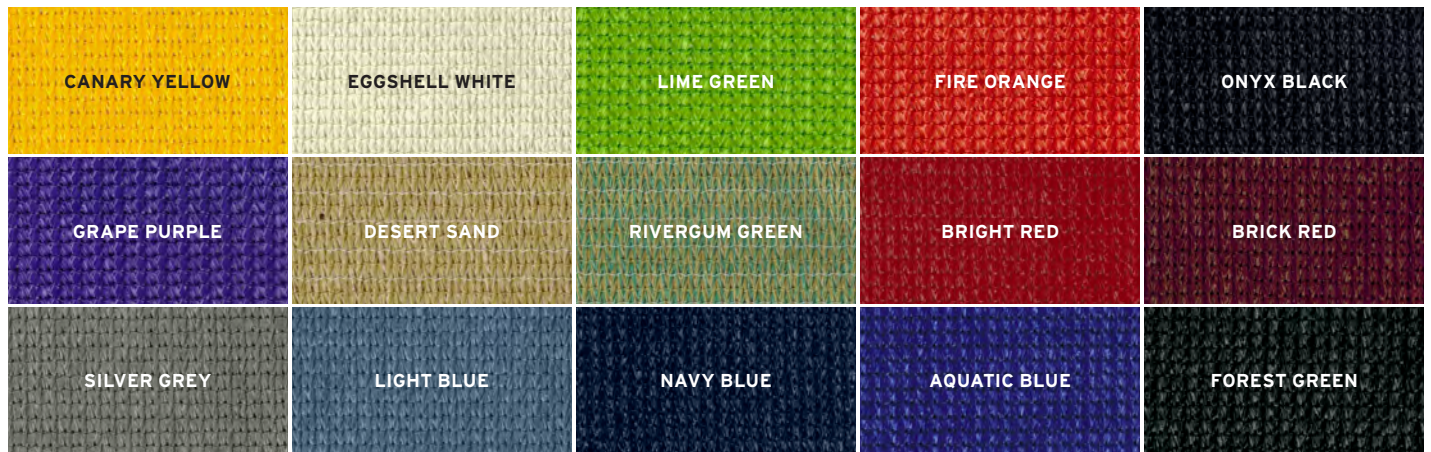


Ironwood Golf Course 2100 NE 39th Avenue Gainesville, FL

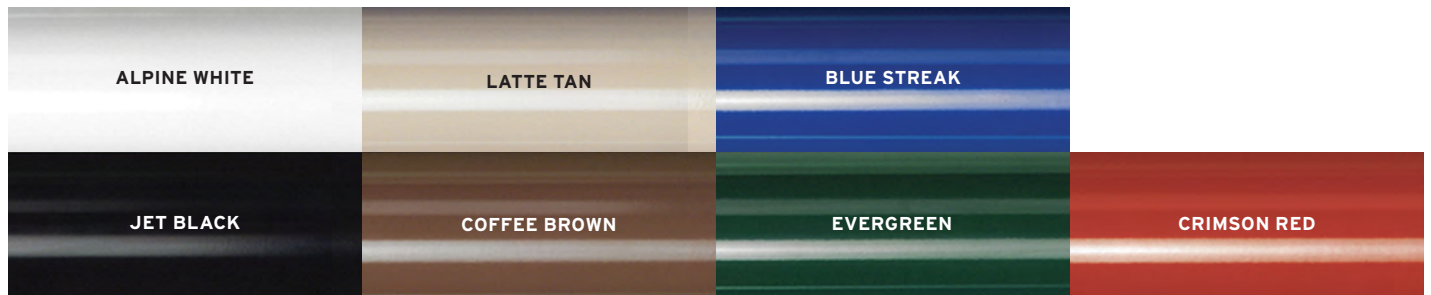
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AVAILABLE COLORS

CoolNet™ has been specifically developed as a very strong and durable U.V. protection fabric for use with Shade Systems™ outdoor structures. Our fabrics combine maximum sun protection with strength and durability to ensure maintenance-free exterior performance.



Powder-Coat Colors All steel tubing components are manufactured with a bright and durable polyester powder-coated finish. Standard powder-coat colors are shown below, with many optional custom colors available upon request.



Post Pads Shade Systems protective padding is ideal for cushioning accidental bumps by young and old against our steel posts. Available in a variety of colors to match our standard powder-coat colors and sizes to fit all our structural posts, pads consist of exterior grade foam filler encased in high-gloss easy-to-clean flame-retardant vinyl. All pads are 6' high and fastened to posts with heavy-duty all weather plastic zippers.



Actual fabric and metal colors may vary from representations shown here. Sample fabric swatches and metal color chips are available upon request. For further details please refer to Technical Specifications and Warranty information at: <http://shadesystemsinc.com/specs-warranty/>



TECHNICAL SPECIFICATIONS - GENERAL:

GENERAL: Shade Systems 'Sail' products are designed and manufactured to the most exacting specifications by skilled craftsmen, and certified by Professional Engineers for structural soundness of designs. All Shade Systems are shipped knocked-down, with complete assembly instructions, and ready for easy in-field installation.

MATERIAL: All materials shall be structurally sound and appropriate for safe use. Product durability shall be ensured by the use of corrosion-resistant metals such as stainless steel, and coatings such as zinc-plating, galvanizing, and powder-coating on steel parts, subject to the Project-Specific requirements below. Fabrics used shall include UV-stabilizers and fire retardants for longevity and safety.

WELDMENTS: All tubing members are factory-welded by Certified Welders to American Welding Society (AWS) specifications and to the highest standards of quality workmanship. Weldments are finished with a zinc-rich galvanized coating. No field welding is required in the assembly of Shade Systems products.

POSTS, STRUCTURAL FRAME TUBING, AND HARDWARE: All tubing used shall be cold-formed and milled per ASTM A-135 and ASTM A-500. Material testing is in accordance with ASTM E-8. Minimum yield is 40,000 psi with a minimum tensile strength of 45,000 psi on all posts. Support pipes shall be schedule 40 black steel with appropriate pre-treatment for powder-coating. All fastening hardware shall be stainless steel.

POLYESTER POWDER-COATING PROCESS: Where applicable, all powder-coated parts are completely cleaned and a hot zinc phosphate pretreatment with non-chromic sealer is applied. Powder-coating is then electrostatically applied and oven-cured at 375 to 425 degrees Fahrenheit. Polyester powders shall meet or exceed ASTM standards for Adhesion, Hardness, Impact, Flexibility, Overbake Resistance, and Salt Spray Resistance. Colors shall be specified.

STANDARD FOOTINGS: Footings shall be designed per stringent Florida building codes for the specific structure. Columns will be provided as standard direct embedment or optional pier mount (anchoring hardware not supplied by Shade Systems). Other footing methods are available upon request.

ROOFING: Sails are designed by Shade Systems only for use with CoolNet™ polyethylene shade fabric. Fabric is attached to posts using the Fastening Systems below in conjunction with vinyl covered minimum ¼” diameter stainless steel cables. Cable fasteners are zinc-plated copper for maximum corrosion resistance.

ENGINEERING DATA: Structures are engineered to meet or exceed the requirements of the International Building Code (IBC), with the following specifications:

| | |
|-------------|---|
| Wind speed: | Frame only: 150 m.p.h. Frame w/canopy: 90 m.p.h. |
| Live Load: | None |
| Snow Load: | None |

FASTENING SYSTEM: CoolNet™ Shade Fabric shall be delivered complete with fastening system installed. Fastening System to consist of factory formed stainless steel tensioning plates pre-attached to fabric canopies at each corner, and cables per the above hemmed into the fabric at the factory and terminating in the bracket. Posts shall be equipped with an adjustable 360-degree swivel and pivot attachment mechanism to which the tensioning plate fastens. Tensioning plate includes a stainless steel adjustment bolt which, when turned, tensions the fabric for a taut fit. Fabrics, cables, and brackets which are not pre-assembled at the factory are not acceptable. Cables which attach to posts with U-bolts or “S” hooks, or are removable, and which do not use a stainless steel bracketing system with single attachment bolt similar to the above are not acceptable.

CoolNet™ SHADE FABRIC: Knitted of monofilament and tape construction high density polyethylene with Ultra Violet (U.V.) stabilizers and flame retardant. UV-Block Factor varies by standard color offered from 91% to 99%.

| | |
|--------------------|---------------------------|
| Nominal Thickness: | 0.057 inches |
| Fabric Mass: | Min. 340 g/m ² |
| Light Fastness: | 7-8 (Blue Wool Scale) |
| Weather Fastness: | 4-5 (Grey Scale Test) |
| Tear Resistance: | Warp 210N Weft 276N |
| Breaking Force: | Warp 786N Weft 2494N |
| Bursting Pressure: | Mean 3500kPa |
| Bursting Force: | Mean 2146N |

All hems and seams are double row lock stitched using exterior grade UV-stabilized polyethylene GORE™ TENARA® sewing thread (GORE and TENARA are trademarks of W. L. Gore & Associates).

Toll-free: 1-800-609-6066 • www.shadesystemsinc.com • e-mail: shadesystems@comcast.net

FLAMMABILITY: CoolNet™ Shade Fabric is treated with fire retardants, and passes the requirements established under the NFPA 701 Test Method 2 test standards for flammability, including the accelerated water leaching protocol. Written evidence of compliance with this standard, including the accelerated water leaching protocol, must be furnished with bid proposal.

INSURANCE: Manufacturer must show acceptable evidence of the following minimum insurance coverages, all written on the Occurrence Form:

- Commercial Product Liability/Completed Operations of \$1,000,000 per claim and \$2,000,000 aggregate;
- Professional Liability (Errors & Omissions) of \$2,000,000 per claim;
- And an additional \$3,000,000 umbrella coverage.

WARRANTY: Shade Systems, Inc. warrants that the equipment sold will conform in kind and quality to the specifications listed in the Order Acknowledgment and will be free of defects in workmanship or materials. Shade Systems further warrants:

- LIMITED 20 YEAR WARRANTY on all upright posts, cables, and tensioning plates against failure due to rust-through corrosion.
- LIMITED 10 YEAR WARRANTY on all CoolNet™ fabric and GORE™ TENARA® stitching thread against degradation, cracking or material breakdown resulting from ultra-violet exposure. This warranty excludes failure of fabric due to chemical erosion or as a result of flying objects.
- LIMITED 1 YEAR WARRANTY on powder-coating, or any other product or part not covered by one of the above warranties.

The above warranties are not pro-rated. Please refer to the full text of our complete Limited Warranty for additional details and other important warranty information.

MANUFACTURER EXPERIENCE: Bidder must show evidence of at least six (6) public municipal installations where manufacturer's product as proposed pursuant to this bid has been installed and has been in continuous use for a minimum of five (5) years each.

MANUFACTURING FACILITY: Bidder's products must be completely manufactured entirely in its own factory by its own employees, including powder-coating, thereby ensuring complete quality control. Bidder must certify that no aspect of its production – including powder-coating – is contracted out to third parties.

ALTERNATE PRODUCT APPROVAL PROCEDURE: Ten (10) day prior approval required for substitution of product design, materials and features specified above. Submittals must include plans, drawings, cut sheets, material data sheets, testing results and samples. Bids failing to meet this requirement will be deemed non-responsive.



LIMITED WARRANTY

Effective 12/1/10

Shade Systems, Inc. warrants that the equipment sold will conform in kind and quality to the specifications listed in the Order Acknowledgment and will be free of defects in workmanship or materials. Shade Systems further warrants:

- **LIMITED 20 YEAR WARRANTY** on all upright posts and support structure frames against failure due to rust-through corrosion. This warranty excludes any cosmetic issues.
- **LIMITED 10 YEAR WARRANTY** on all CoolNet™ fabrics, threads, and cables against degradation, cracking or material breakdown resulting from ultra-violet exposure, mold, and mildew, as well as on Turn-N-Slide™ fastening device. This warranty excludes fading or failure of fabric due to chemical erosion or flying or falling objects.
- **LIMITED 3 YEAR WARRANTY** on all WeatherNet™ fabrics and threads against degradation, cracking or material breakdown resulting from ultra-violet exposure, mold, and mildew. This warranty excludes fading or failure of fabric due to chemical erosion or flying or falling objects.
- **LIMITED 1 YEAR WARRANTY** for structural failure of moving parts, powder-coated finish, or any other product or part not covered by one of the above warranties.

All above warranties commence on the date of the Seller's invoice.

Should any failure to conform to the above express warranties appear within the applicable warranty period, Seller shall, upon being notified in writing promptly after discovery of the defect and within the applicable warranty period, correct such non-conformity at the sole option of the Seller either by repairing any defective part or parts, or by making available a replacement part within 60 days of written notification. Seller shall deliver the repaired or replacement part or parts to the site free of charge, but will not be responsible for providing labor or the cost of labor for the removal of the defective part or parts, transportation or its associated costs to return to Seller's factory parts to be replaced or repaired, or the installation of any replacement part or parts. Replacement parts will be warranted for remainder of original warranty.

This Warranty is exclusive and in lieu of all other warranties, whether express or implied, including but not limited to any warranty of merchantability or of fitness for a particular purpose. The remedies hereby provided shall be the exclusive and sole remedies of the purchaser. Seller shall not be liable for any direct, indirect, special, incidental or consequential damages.

Seller neither assumes nor authorizes any employee, representative or any other person to assume for Seller any other liability in connection with the sale or use of the structures sold, and there are no oral agreements or warranties collateral to or affecting the agreement.

The warranty stated above is valid only if the structures are erected in conformity with the layout plan and/or installation instructions furnished by the Seller; have been maintained and inspected in accordance with the Seller's instructions and other normal and prudent practices; have been subjected to normal use for the purpose for which the goods were designed; have not been subjected to misuse, negligence, vandalism, or accident; have not been subjected to additional or substitution of parts; and have not been modified, altered, or repaired by persons other than the Seller's designees in any respect which, in the judgment of Seller, affects the condition or operation of structures.

To make a claim, send your written statement of claim, along with the original invoice number to:

Shade Systems, Inc. • 4150 S.W. 19 Street • Ocala, FL 34474



NFPA 701 - 1999
"STANDARD METHODS OF FIRE TESTS FOR
FLAME-RESISTANT TEXTILES AND FILMS"
(TEST METHOD 2)

TEST REPORT
CONSISTING OF 5 PAGES

MATERIAL ID.: COOLNET

SwRI PROJECT NO: 01.10083.01.237
TEST DATE: SEPTEMBER 14, 2004
REPORT DATE: OCTOBER 4, 2004

Submitted by:

A handwritten signature in cursive script that reads 'A. L. Saucedo'.

JH
ANTHONY L. SAUCEDA
SENIOR ENGINEERING TECHNOLOGIST

Prepared for:

SHADE SYSTEMS
4350 N.W. 19TH AVENUE, UNIT G
POMPANO BEACH, FL 33064

Approved by:

A handwritten signature in cursive script that reads 'Marc L. Janssens'.

MARC L. JANSSENS, PH.D.
DIRECTOR
DEPARTMENT OF FIRE TECHNOLOGY

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SOUTHWEST RESEARCH INSTITUTE®

6220 CULEBRA RD. 78238-5166 • P.O. DRAWER 26510 78226-0510 • SAN ANTONIO, TEXAS, USA • (210) 584-5111 • WWW.SWRI.ORG
CHEMISTRY AND CHEMICAL ENGINEERING DIVISION
FIRE TECHNOLOGY DEPARTMENT
WWW.FIRE.SWRI.ORG
FAX (210) 522-3377

January 18, 2010



Ms. Tammy Talbot
Shade Systems Inc.
4150 SW 19th Street
Ocala, FL 34474

Subject: SwRI® Project No. 01.15216.01.609

ENGINEERING EVALUATION

Dear Ms. Talbot:

This letter is in reference to a test program conducted at Southwest Research Institute's (SwRI) Department of Fire Technology, located in San Antonio, Texas. Testing was performed in accordance to the 1999 edition of the NFPA 701 (Test Method 2), *Standard Methods of Fire Tests for Flame Propagation of Textiles and Films*.

The material was identified as "CoolNet" and was described as "tape and monofilament knitted shade fabric, manufactured from 100% high-density polyethylene (HDPE) with U.V. stabilizers and flame retardant." This fire performance evaluation was conducted for Shade Systems Inc., located in Pompano, Florida, under SwRI Project No. 01.10083.01.237, on October 4, 2004.

The NFPA 701-1999 and the NFPA 701-2004 test procedures are technically equivalent. In addition, the requirements for acceptance did not change between these two editions. Based on the test results of the above referenced test (SwRI Final Report No. 01.10083.01.237), it is the opinion of SwRI that the material identified as "CoolNet" would also meet the requirements for acceptance using the 2004 Edition of the NFPA 701.

If you have any questions or if I can be of further assistance, please feel free to contact me by phone at (210) 522-3280, by fax at (210) 522-3377, or e-mail to Christina.gomez@swri.org.

Sincerely,

A handwritten signature in cursive script, appearing to read "Christina Gomez", is written over a faint, larger version of the same signature.

Christina Gomez
Engineer
Fire Testing Services Section

CG/llr
C:\DOCUMENTS\GOMEZ\EV15216.01.609.DOCX

Approved by:

A handwritten signature in cursive script, appearing to read "Barry L. Badders", is written over a faint, larger version of the same signature.

Barry L. Badders, M.E., P.E.
Manager
Fire Testing Services Section



HOUSTON, TEXAS (713) 977-1377 • WASHINGTON, DC (301) 881-0226

INTRODUCTION

This report presents the results of NFPA 701 Test Method 2 on a specimen submitted by the Client, tested at Southwest Research Institute's (SwRI's) Department of Fire Technology, located in San Antonio, Texas. The test is conducted in accordance with the procedure outlined in "Standard Methods of Fire Tests for Flame-Resistant Textiles and Films (NFPA 701 Test Method 2, 1999)".

This method is intended for use in determining the resistance of fabrics and films to propagation of flame beyond the area exposed to the source of ignition. This method shall apply to single layer fabric and multi layer curtain and drapery assemblies while suspended in a vertical configuration. However, where durability to cleaning or weathering is claimed, the fabric or material shall be tested for flame resistance as produced and after being subjected to the applicable cleaning or laundering procedure. The results of this test do not necessarily indicate whether the material tested will resist the propagation of flame under severe exposure or when used in a manner that differs substantially from the test conditions.

Ten individual test specimens shall be cut from a single piece of the material to be evaluated: for flat strips, a size 1.25 m x 1.20 m (4.90 in. x 47.25 in.); for folds, a size of 610 mm x 1.2 m (24 in. x 47.25 in.), with the length parallel to the lengthwise direction of the material. Only specimens that cannot be folded shall be tested in the flat configuration.

Each specimen shall be conditioned in an oven at a temperature of $105^{\circ}\text{C} \pm 3^{\circ}\text{C}$ for not less than 1 hour, no more than 3 hours before testing.

Each specimen tested is mounted on the support hanger in the test cabinet. The burner is placed 100 mm away from the specimen and with the center axis of the burner at a 25 degree angle and in line with the bottom of the center of the specimen and maintained for a 120 second exposure time.

The after flame time of the specimen (time of burning of the specimen after the gas flow is turned off) and the time of burning of material that falls to the bottom of the chamber shall be measured and recorded.

The requirements for acceptance of the NFPA 701 Test Method 2 are:

1. Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than 2 seconds, the material shall be recorded as failing the test.
2. Where the char length exceeds 435 mm (17.1 in.) for flat specimens or 1050 mm (41.34 in.) for fold specimens, the material shall be recorded as failing the test.
3. Where the after flame exceeds 2 seconds, the material shall be recorded as failing the test.
4. Where the specimens do not demonstrate performance in accordance with any of the conditions indicated in the above, the material shall be recorded as passing the test and shall be designated as flame resistant.

The results apply specifically to the specimens tested, in the manner tested, and not to the entire production of these or similar materials, nor to the performance when used in combination with other materials.

This standard should be used to measure and describe the properties of materials, products, or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products, or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use.

NFPA 701 TEST REPORT
(TEST METHOD 2)

CLIENT: Shade Systems
SWRI PROJECT NO: 01.10083.01.237

MATERIAL DESCRIPTION

Material ID.:* CoolNet
Trade Name:* CoolNet
Description:* Tape and monofilament knitted shade fabric, manufactured from 100% high-density polyethylene (HDPE) with U.V. stabilizers and flame retardant (received on August 6, 2004)
Color:* Forest Green
Thickness: 0.04 in.

* From Client's material description and/or instructions

PREPARATION

The specimens (provided by the Client) were cut to size and placed in an oven and maintained at 105°C for one hour before testing. The specimens were then removed from the conditioning chamber and secured into the test chamber and tested.

TEST DATA (room conditioned)

| Specimen No. | Char Length (in.) | Afterflame Time (sec) | Burning On Floor (sec) | Pass/Fail |
|--------------|-------------------|-----------------------|------------------------|-----------|
| 1 | 5.00 | None | None | Pass |
| 2 | 5.75 | None | None | Pass |
| 3 | 5.75 | None | None | Pass |
| 4 | 6.75 | None | None | Pass |
| 5 | 6.75 | None | None | Pass |
| 6 | 5.75 | None | None | Pass |
| 7 | 9.25 | None | None | Pass |
| 8 | 8.75 | None | None | Pass |
| 9 | 9.25 | None | None | Pass |
| 10 | 5.25 | None | None | Pass |

OBSERVATIONS

There were no flaming droplets or burning pieces falling on to the floor in any run.

NFPA 701 TEST REPORT
(TEST METHOD 2)

CLIENT: Shade Systems
SWRI PROJECT NO: 01.10083.01.237

PREPARATION

The specimens (provided by the Client) were cut to size and immersed in a 70°F water bath for 72 hours. They were then placed in an oven and maintained at 105°C for one hour before testing. The specimens were then removed from the conditioning chamber and secured into the test chamber and tested.

TEST DATA (with water leaching)

| Specimen No. | Char Length (in.) | Afterflame Time (sec) | Burning On Floor (sec) | Pass/Fail |
|--------------|-------------------|-----------------------|------------------------|-----------|
| 1 | 7.25 | None | None | Pass |
| 2 | 8.00 | None | None | Pass |
| 3 | 6.25 | None | None | Pass |
| 4 | 7.25 | None | None | Pass |
| 5 | 8.25 | None | None | Pass |
| 6 | 6.00 | None | None | Pass |
| 7 | 7.25 | None | None | Pass |
| 8 | 7.75 | None | None | Pass |
| 9 | 7.25 | None | None | Pass |
| 10 | 8.25 | None | None | Pass |

OBSERVATIONS

There were no flaming droplets or burning pieces falling on to the floor in any run.

CONCLUSIONS

Based on the test results and the above mentioned classification criteria, the specimen identified as CoolNet, passed the requirements established under the NFPA 701 Test Method 2 and the accelerated water leaching protocol.

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

| | | | |
|---|--|--|---|
| Print or type See Specific Instructions on page 2. | 1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Shade Systems, Inc. | | |
| | 2 Business name/disregarded entity name, if different from above | | |
| | 3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____ | | <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate |
| | 5 Address (number, street, and apt. or suite no.) 4150 SW 19th Street | | 4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small> |
| | 6 City, state, and ZIP code Ocala, FL 34474 | | Requester's name and address (optional) |
| | 7 List account number(s) here (optional) | | |
| | | | |

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

| | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|
| Social security number | | | | | | | | |
| | | | | | | | | |
| or | | | | | | | | |
| Employer identification number | | | | | | | | |
| 4 | 2 | - | 1 | 5 | 7 | 1 | 7 | 8 |
| | | | | | | | | |

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

| | | |
|------------------|----------------------------|-----------------------|
| Sign Here | Signature of U.S. person ▶ | Date ▶ 4-11-16 |
|------------------|----------------------------|-----------------------|

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
02/28/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | | | | |
|---|--|---------------------|--|--|
| PRODUCER Brown & Brown of Florida, Inc. Daytona Beach Office P.O. Box 2412 Daytona Beach, FL 32115-2412 Don Sciotto | | 386-252-9601 | CONTACT NAME: ELINN PEACOCK PHONE (A/C, No, Ext): 386-252-9601 FAX (A/C, No): 386-239-5729 E-MAIL ADDRESS: EPEACOCK@BBDAYTONA.COM | |
| INSURED SHADE SYSTEMS, INC 4150 SW 19TH STREET OCALA, FL 34474 | | | INSURER(S) AFFORDING COVERAGE INSURER A: Westfield Ins Co INSURER B: Employers Assurance Company INSURER C: XL Specialty Insurance Company INSURER D: LLoyd's of London INSURER E: INSURER F: | |
| | | | NAIC # 24112 25402 37885 | |

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

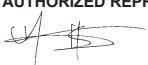
| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS | |
|----------|---|-----------|----------|------------------|-------------------------|-------------------------|--|------------------|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER: | | | CWP7902700 | 11/04/2016 | 11/04/2017 | EACH OCCURRENCE | \$ 1,000,000 |
| | | | | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) | \$ 500,000 |
| | | | | | | | MED EXP (Any one person) | \$ 1,000 |
| | | | | | | | PERSONAL & ADV INJURY | \$ 1,000,000 |
| | | | | | | | GENERAL AGGREGATE | \$ 2,000,000 |
| | | | | | | | PRODUCTS - COMP/OP AGG | \$ 2,000,000 |
| | | | | | | | | \$ |
| A | <input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY | | | CWP7902700 | 11/04/2016 | 11/04/2017 | COMBINED SINGLE LIMIT (Ea accident) | \$ 1,000,000 |
| | | | | | | | BODILY INJURY (Per person) | \$ |
| | | | | | | | BODILY INJURY (Per accident) | \$ |
| | | | | | | | PROPERTY DAMAGE (Per accident) | \$ |
| | | | | | | | | \$ |
| A | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0 | | | CWP7902700 | 11/04/2016 | 11/04/2017 | EACH OCCURRENCE | \$ 6,000,000 |
| | | | | | | | AGGREGATE | \$ 6,000,000 |
| | | | | | | | | \$ |
| B | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y <input checked="" type="checkbox"/> N / A If yes, describe under DESCRIPTION OF OPERATIONS below | | | EIG239206900 | 11/04/2016 | 11/04/2017 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER | |
| | | | | | | | E.L. EACH ACCIDENT | \$ 1,000,000 |
| | | | | | | | E.L. DISEASE - EA EMPLOYEE | \$ 1,000,000 |
| | | | | | | | E.L. DISEASE - POLICY LIMIT | \$ 1,000,000 |
| C | INLAND MARINE | | | UM00045534MA16A | 11/04/2016 | 11/04/2017 | LEAS/RENT | 25,000 |
| D | PROFESSIONAL LIAB | | | B0621PSHAD000317 | 02/26/2017 | 02/26/2018 | CLAIM/AGG | 2,000,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

FOR INFORMATION

CERTIFICATE HOLDER

CANCELLATION

| | |
|--|--|
| SHADS01 SHADE SYSTEMS INC 4150 SW 19TH ST OCALA, FL 34474 | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE  |
|--|--|

ALAN BAYMAN, PRESIDENT, EXCLUDED FROM WORKERS COMPENSATION

City of Ocala

BUSINESS TAX CERTIFICATE

FOR

SHADE SYSTEMS INC

BUSINESS NUMBER: 39356
BUSINESS LICENSE NUMBER: A35275
AUTHORIZED BUSINESS LOCATION: 4150 SW 19 ST
TYPE OF BUSINESS: MANUFACTURING
SUBTYPE: MANUFACTURING

EXPIRES: September 30, 2017

THIS PERMIT IS ISSUED FOR THE PERIOD AS STATED ABOVE AND
MUST BE CONSPICUOUSLY DISPLAYED AT ALL TIMES.

DATE PAID: July 25, 2016

| | |
|--------------|-----------------------------|
| FEE AMOUNT : | LICENSE FEE DESCRIPTION : |
| \$ 250.00 | MANUFACTURING BASED ON SQFT |

ISSUED BY:
City of Ocala
Growth Management Department
201 SE 3RD Street (2nd floor)
Ocala, Florida 34471
352-629-8421

Pursuant to Section 62-75, issuance of a
Business Tax Certificate and Occupational
License does not imply compliance with
Chapter 122, Zoning.

LICENSE ISSUED TO:
SHADE SYSTEMS INC
BAYMAN, ALAN
4150 SW 19TH ST
OCALA, FL 34474-2860

NOTICE:
IF YOU ARE NO LONGER IN BUSINESS, OR
GO OUT OF BUSINESS, YOU ARE REQUIRED
TO NOTIFY THE "ONE STOP PERMIT
CENTER" AT 629-8421 TO CLOSE THIS
CERTIFICATE OR PENALTIES COULD APPLY.



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
SHADE SYSTEMS, INC.

Filing Information

Document Number P03000006734
FEI/EIN Number 42-1571783
Date Filed 01/17/2003
State FL
Status ACTIVE

Principal Address

4150 S.W. 19 STREET
OCALA, FL 34474

Changed: 03/22/2007

Mailing Address

4150 S.W. 19 STREET
OCALA, FL 34474

Changed: 03/22/2007

Registered Agent Name & Address

BAYMAN, ALAN A
SHADE SYSTEMS, INC.
4150 S.W. 19 STREET
OCALA, FL 34474

Name Changed: 03/19/2006

Address Changed: 03/19/2006

Officer/Director Detail

Name & Address

Title P

BAYMAN, ALAN A
4150 S.W. 19 STREET
OCALA, FL 34474

Annual Reports

SECTION VII – PRICE PROPOSAL

IMPORTANT!

IMPORTANT!

THIS FORM MUST BE COMPLETED AND RETURNED WITH BID PROPOSAL. BID WILL NOT BE CONSIDERED FOR EVALUATION AND POSSIBLE AWARD WITHOUT COMPLETED FORM.

Use additional pages if necessary

BIDDER: Shade Systems Inc.
PROJECT: Design and Installation for Shade Structures at City Parks
BID #: RECP-170039-DM **BID DUE DATE:** May 31, 2017 @ 3:00P.M.

All quotes should include the cost of designing, permitting, fabricating, and installing a shade structure, meeting the standards in the Scope of Service, at each of the following parks:

| <u>Park</u> | <u>Price</u> |
|---------------------------|---------------------|
| Roper Park | <u>\$73,078.02</u> |
| Fred Cone Park | <u>\$46,861.83</u> |
| Cedar Grove Park | <u>\$60,787.91</u> |
| Porter’s Community Center | <u>\$38,168.45</u> |
| Rosa B. Williams Center | <u>\$35,514.56</u> |
| MLK Center | <u>\$37,635.44</u> |
| Cofrin Nature Park | <u>\$44,938.24</u> |
| Ironwood Golf | <u>\$39,091.66</u> |
| Total Price: | <u>\$376,076.11</u> |

PROPOSAL RESPONSE FORM – SIGNATURE PAGE

(submit this form with your proposal)

TO: City of Gainesville, Florida
200 East University Avenue
Gainesville, Florida 32601

PROJECT: Design, Fabrication, Permitting, and Installation of Shade Structures for City Parks

RFP/RFQ#: RECP-170039-DM

RFP/RFQ DUE DATE: May 31, 2017 @ 3:00p.m

Proposer’s Legal Name: Shade Systems Inc.

Proposer’s Alias/DBA: _____

Proposer’s Address: 4150 SW 19 Street

Ocala, FL 34474

PROPOSER’S REPRESENTATIVE (to be contacted for additional information on this proposal):

Name: Jeremy Purkis Telephone Number 352-237-0135

Date: 5/31/17 Fax Number 352-237-2256

Email address jeremy@shadesystemsinc.com

ADDENDA

The Proposer hereby acknowledges receipt of Addenda No.’s One, Two, Three, to these Specifications.

TAXES

The Proposer agrees that any applicable Federal, State and Local sales and use taxes, which are to be paid by City of Gainesville, are included in the stated bid prices. Since often the City of Gainesville is exempt from taxes for equipment, materials and services, it is the responsibility of the Contractor to determine whether sales taxes are applicable. The Contractor is liable for any applicable taxes which are not included in the stated bid prices.

LOCAL PREFERENCE (check one)

Local Preference requested: YES NO

A copy of your Business tax receipt and Zoning Compliance Permit should be submitted with your bid if a local preference is requested.

QUALIFIED LOCAL SMALL BUSINESS STATUS (check one)

Is your business qualified as a Local Small Business in accordance with the City of Gainesville Small Business Procurement Program? (Refer to Definitions) YES NO

SERVICE-DISABLED VETERANS' BUSINESS (check one)

Is your business certified as a service-disabled veterans' business? YES NO

LIVING WAGE COMPLIANCE

See Living Wage Decision Tree (Exhibit C hereto)

Check One:

- Living Wage Ordinance does not apply (check all that apply)
 - Not a covered service
 - Contract does not exceed \$100,000
 - Not a for-profit individual, business entity, corporation, partnership, limited liability company, joint venture, or similar business, who or which employees 50 or more persons, but not including employees of any subsidiaries, affiliates or parent businesses.
 - Located within the City of Gainesville enterprise zone.
- Living Wage Ordinance applies and the completed Certification of Compliance with Living Wage is included with this bid.

NOTE: If Contractor has stated Living Wage Ordinance does not apply and it is later determined Living Wage Ordinance does apply, Contractor will be required to comply with the provision of the City of Gainesville's living wage requirements, as applicable, without any adjustment to the bid price.

SIGNATURE ACKNOWLEDGES THAT: (check one)

- Proposal is in full compliance with the Specifications.
- Proposal is in full compliance with specifications except as specifically stated and attached hereto.

Signature also acknowledges that Proposer has read the current City of Gainesville Debarment/Suspension/Termination Procedures and agrees that the provisions thereof shall apply to this RFP.

ATTEST: (CORPORATE SEAL)
PROPOSER:

Signature _____
By: Brad Buzard
Title: National Sales Manager

Signature _____
By: Alan Bayman
Title: President

IMPORTANT!

**Attachment #1
Reference Form**

IMPORTANT!

THIS FORM MUST BE COMPLETED AND RETURNED WITH BID PROPOSAL. *BID WILL NOT BE CONSIDERED FOR EVALUATION AND POSSIBLE AWARD WITHOUT COMPLETED FORM.*

BIDDER: Shade Systems Inc.

PROJECT: Design and Installation of Shade Structures in City Parks

BID#: RECP-170039-DM **BID DUE DATE:** May 31, 2017 @ 3:00P.M.

Number of years your company has been doing this type of work: 13 years

List at least **five (5)** references of similar landscaping or mowing jobs performed over the past two years. You may use additional pages.

1) Job Location: Deerfield Beach, FL Date work performed: February, 2017
Business Name: Sullivan Park
Contact Name: Kirk Olney Telephone Number: 350-860-3709
Landscape Architect Fax Number: N/A

2) Job Location: Miami Beach, FL Date work performed: March, 2016
Business Name: South Pointe Park
Contact Name: Carlos Da Cruz Telephone Number: 786-412-6254
Landscape Architect Fax Number: N/A

3) Job Location: Miami-Dade County Date work performed: Multiple, yearly
Business Name: Multiple Parks since 2004
Contact Name: Michael Bedell Telephone Number: 305-755-7891
Landscape Architect Fax Number: NA

4) Job Location: City of Fort Lauderdale Date work performed: Multiple, yearly
Business Name: Multiple Parks since 2004
Contact Name: Thomas White Telephone Number: 954-828-5350
Landscape Architect Fax Number: N/A

5) Job Location: City of Tamarac Date work performed: Multiple, yearly
Business Name: Multiple Parks since 2006
Contact Name: Greg Warner Telephone Number: 954-597-3638
Parks and Recreation Director Fax Number: _____

N/A

IMPORTANT!

Attachment #2

IMPORTANT!

Technical Expertise and Experience Form

BIDDER: Shade Systems Inc.

PROJECT: Design and Installation of Shade Structures in City Parks

BID#: RECP-170039-DM **BID DUE DATE:** May 31, 2017 @ 3:00P.M.

THIS FORM MUST BE COMPLETED AND RETURNED WITH BID PROPOSAL. BID WILL NOT BE CONSIDERED FOR EVALUATION AND POSSIBLE AWARD WITHOUT COMPLETED FORM.

Please describe your experience in shade structure design and installation.

INTRODUCTION: Shade System designs and manufactures the highest quality pre-engineered outdoor fabric shade structures, canopies, umbrellas, and awning covers. These include permanent fabric-on-frame or clear span tensioned structures designed to protect children and adults as well as property such as vehicles from exposure to the sun's dangerous Ultra-Violet (U.V.) rays. The remarkable CoolNet™ shade fabric used on our products screens up to 99% of the sun's U.V. rays and provides a cool and shaded area for people and property outdoors.

MANUFACTURING PLANT: Shade Systems is a completely vertically-integrated manufacturer. All products are designed and manufactured at our Ocala, Florida plant under one roof for complete quality control, including all metal fabrication, fabric sewing, and powder-coating processes. You can watch a brief video tour of our plant here: <http://shadesystemsinc.com/#prettyPhoto/2/>

SHADE SYSTEMS SERVICES AND ADVANTAGES INCLUDE, BUT ARE NOT LIMITED TO:

- One-Point “Sail” Attachment System/quick-release canopy fastening system- no need to thread messy cables. Each corner of the sail fabric canopy features a stainless steel bracket with just one tensioning bolt to easily attach or remove the canopy.
- Custom Shade Design Services
- Internal CAD department for quick, accurate, and reliable turn around on drawings
- Engineered to meet the stringent International Building Code (IBC)
- 20 year warranty on metal frames against rust-through corrosion
- 10 year warranty on CoolNet™ shade fabric against deterioration
- 10 year warranty on stitching thread against deterioration
- Fully bonded and insured, including professional liability coverage

Shade Systems staff members are among the most qualified and trained in the industry. Detailed communications, weekly staff meetings and daily briefs establish solid and thorough project performance. The management of Shade Systems exercises rigid internal controls regarding corporate budgets, and schedules, while specific project planning and implementation, upon approval of management, is accomplished and directed by our professional staff with more than 50 years combined industry experience.

IMPORTANT!

**Attachment #3
Resource Form**

IMPORTANT!

THIS FORM MUST BE COMPLETED AND RETURNED WITH BID PROPOSAL. BID WILL NOT BE CONSIDERED FOR EVALUATION AND POSSIBLE AWARD WITHOUT COMPLETED FORM.

Use additional pages if necessary

BIDDER: Shade Systems Inc.

PROJECT: Design and Installation of Shade Structures in City Parks

BID#: RECP-170039-DM **BID DUE DATE:** May 31, 2017 @ 3:00P.M.

PERSONNEL

- | | | | |
|-----|----------------------------|----------------------------|-----------------------------|
| 1) | Name: <u>Alan Bayman</u> | Years with firm: <u>14</u> | Years experience: <u>30</u> |
| 2) | Name: <u>Brad Buzard</u> | Years with firm: <u>4</u> | Years experience: <u>4</u> |
| 3) | Name: <u>Jeremy Purkis</u> | Years with firm: <u>4</u> | Years experience: <u>4</u> |
| 4) | Name: <u>J.R Barber</u> | Years with firm: <u>14</u> | Years experience: <u>14</u> |
| 5) | Name: <u>Mike Grizzle</u> | Years with firm: <u>3</u> | Years experience: <u>10</u> |
| 6) | Name: _____ | Years with firm: _____ | Years experience: _____ |
| 7) | Name: _____ | Years with firm: _____ | Years experience: _____ |
| 8) | Name: _____ | Years with firm: _____ | Years experience: _____ |
| 9) | Name: _____ | Years with firm: _____ | Years experience: _____ |
| 10) | Name: _____ | Years with firm: _____ | Years experience: _____ |
| 11) | Name: _____ | Years with firm: _____ | Years experience: _____ |
| 12) | Name: _____ | Years with firm: _____ | Years experience: _____ |

EQUIPMENT

| | Make/Model | Year (age) | Use of Equipment |
|-----|-------------------|-------------------|-------------------------|
| 1) | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| 2) | _____ | _____ | _____ |
| 3) | _____ | _____ | _____ |
| 4) | _____ | _____ | _____ |
| 5) | _____ | _____ | _____ |
| 6) | _____ | _____ | _____ |
| 7) | _____ | _____ | _____ |
| 8) | _____ | _____ | _____ |
| 9) | _____ | _____ | _____ |
| 10) | _____ | _____ | _____ |

DRUG-FREE WORKPLACE FORM

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that

Shade Systems Inc. does:
(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for the drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Bidder's Signature

5/30/17

Date

CITY OF GAINESVILLE

CERTIFICATION OF COMPLIANCE WITH LIVING WAGE

The undersigned hereby agrees to comply with the terms of the Living Wage Ordinance and to pay all covered employees, as defined by City of Gainesville Ordinance 020663 as amended at 030168 (Living Wage Ordinance), during the time they are directly involved in providing covered services under the contract with the City of Gainesville for RECP-170039-DM a living wage of \$ 11.8269 per hour to covered employees who receive Health Benefits from the undersigned employer and \$ 13.08 per hour to covered employees not offered health care benefits by the undersigned employer.

| |
|--|
| <p>Name of Service Contractor/Subcontractor: <u>Shade Systems Inc.</u></p> <p>Address: <u>4150 SW 19 Street, Ocala, FL 34474</u></p> <p>Phone Number: <u>352-237-0135</u></p> <p>Name of Local Contact Person <u>Jeremy Purkis - Design Consultant</u></p> <p>Address: <u>Same</u></p> <p>Phone Number: <u>Same</u></p> <p>\$ <u>\$376,076.11</u> (Amount of Contract)</p> |
|--|

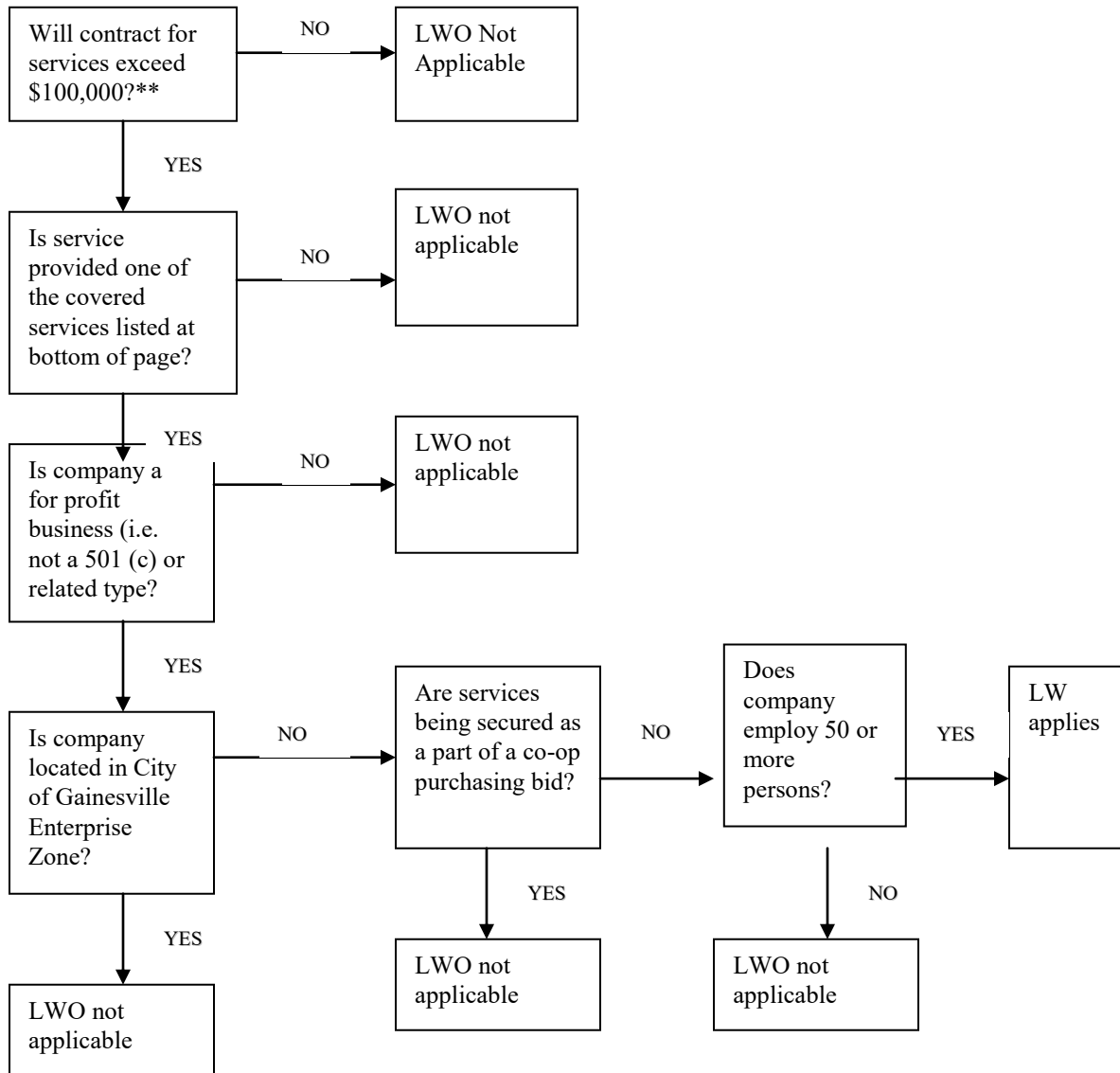
Signature: _____ Date: 5/30/17

Printed Name: Alan Bayman

Title: President

LIVING WAGE DECISION TREE

While not all encompassing, the following is provided as a guideline for contractors in determining whether the City of Gainesville Living Wage Ordinance applies to their firm in the performance of specified service contracts for covered services* with the City. Contractors are advised to review the entire text of the Living Wage Ordinance in conjunction with this guideline.



***Covered Services:** food preparation and/or distribution; custodial/cleaning; refuse removal; maintenance and repair; recycling; parking services; painting/refinishing; printing and reproduction services; landscaping/grounds maintenance; agricultural/forestry services; and construction services
****Total value of contract.**

LIVING WAGE COMPLIANCE
See Living Wage Decision Tree (Exhibit C hereto)

Check one:

- Living Wage Ordinance does not apply
(check all that apply)
 - Not a covered service
 - Contract does not exceed \$100,000
 - Not a for-profit individual, business entity, corporation, partnership, limited liability company, joint venture, or similar business, who or which employees 50 or more persons, but not including employees of any subsidiaries, affiliates or parent businesses.
 - Located within the City of Gainesville enterprise zone.

- Living Wage Ordinance applies and the completed Certification of Compliance with Living Wage is included with this bid.

NOTE: If Contractor has stated Living Wage Ordinance does not apply and it is later determined Living Wage Ordinance does apply, Contractor will be required to comply with the provision of the City of Gainesville’s living wage requirements, as applicable, without any adjustment to the bid price.



Statement of Qualifications

Design Build Proposer

INTRODUCTION

Shade System designs and manufactures the highest quality pre-engineered outdoor fabric shade structures, canopies, umbrellas, and awning covers. These include permanent fabric-on-frame or clear span tensioned structures designed to protect children and adults as well as property such as vehicles from exposure to the sun's dangerous Ultra-Violet (U.V.) rays. The remarkable CoolNet™ shade fabric used on our products screens up to 99% of the sun's U.V. rays and provides a cool and shaded area for people and property outdoors.

MANUFACTURING PLANT

Shade Systems is a completely vertically-integrated manufacturer. All products are designed and manufactured at our Ocala, Florida plant under one roof for complete quality control, including all metal fabrication, fabric sewing, and powder-coating processes. You can watch a brief video tour of our plant here: <http://shadesystemsinc.com/about-us/factory-tour-video/>

SHADE SYSTEMS SERVICES AND ADVANTAGES INCLUDE, BUT ARE NOT LIMITED TO:

- One-Point "Sail" Attachment System/quick-release canopy fastening system- no need to thread messy cables. Each corner of the sail fabric canopy features a stainless steel bracket with just one tensioning bolt to easily attach or remove the canopy.
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Shade Systems staff members are among the most qualified and trained in the industry. Detailed communications, weekly staff meetings and daily briefs establish solid and thorough project performance. The management of Shade Systems exercises rigid internal controls regarding corporate budgets, and schedules, while specific project planning and implementation, upon approval of management, is accomplished and directed by our professional staff with more than 50 years combined industry experience.



Statement of Qualifications **Design Build Proposer-Cont'd**

INTERNAL SUPPORT TEAM

KEY PERSONNEL

President/CEO- Alan Bayman:

Alan Bayman, President and CEO of Shade Systems, Inc., leads the shade industry with over 30 years of manufacturing experience in the outdoor public use products industry. Alan founded Shade Systems in 2003 as a fully vertically-integrated designer and manufacturer of commercial outdoor shade products, and under his leadership the Company has become the most specified name in the shade industry.

Sales Manager/Project Manager- Brad Buzard:

Brad has been with Shade Systems for over 4 years. In that time, Brad has advanced to his current position as in charge of the Sales department as well as overseeing large scale projects from start to finish. Brad performed this same role on the recent \$1.8 million Will Rogers Consolidated Rental Car shading project, and was instrumental in ensuring the project was completed on time and on budget.

Production Manager- J.R. Barber:

J.R. has been with Shade Systems since its inception in the capacity of Production Manager. J.R. played a crucial role in the original design and development of our patented Turn-N-Slide™ easy canopy fastening system. On a daily basis, J.R. is responsible for the operations of the factory, management of our engineering department, and ensuring projects are completed on time and on budget.

Lead Designer/Engineering Manager- Mike Grizzle:

Mike has been on the Shade Systems team for almost 3 years. Mike came to Shade Systems with 10 years of experience as the lead designer for a large tensioned membrane structure company. Mike's technical knowledge of tension structures provides Shade Systems with the ability to design structures from the initial concept stage thru production, as well as installation. Mike was a critical member of our team on the Will Rogers Consolidated Rental Car project, ensuring the products being designed and manufactured would install correctly in the field.



Statement of Qualifications

Florida Licensed Engineer

River Valley Engineering, Inc.
John P. Longnecker, P.E.
111 North Plaza Ct.
Van Buren, AR. 72956
(479) 410-2208- phone
(479) 410-2440- fax
P.E. License Number Florida - 71935

John P. Longnecker is a registered professional engineer in over 35 states, including Florida. Mr. Longnecker has been working with Shade Systems for over 7 years, during these seven years Mr. Longnecker has engineered over 500 shade projects. Mr. Longnecker is a graduate from the University of Minnesota. Please see the below list for a few examples of projects Mr. Longnecker has recently assisted Shade Systems on.

- 2017-Sullivan Park-Deerfield Beach, FL –Custom Sails Shade Systems
- 2016-South Pointe Park-Miami Beach, FL –Custom Sails Shade System
- 2015-Will Rogers World Airport-Oklahoma City, OK- Custom Cantilever Shade Systems – (approx. 180,000 sq ft)
- 2015-Kendall Indian Hammocks Park-Miami, FL – 40' x 40' Custom Multi-level Shade System
- 2015-Miami Dolphins Training Center-Miami, FL. – 30' x 50' Mega Span Shade System
- 2014-Southbank Riverwalk, Jacksonville, FL – (18) Custom Tornado Shade Systems
- 2014-Zoo Miami, Miami Dade Parks & Rec- Miami, FL – (6) Shade Walk Shade Systems
- 2014-Graham Elementary School-Tampa, FL- 50' x 80' Mega Span Shade System



Statement of Qualifications **Construction Team/Installer**

Hurley Construction, Inc.
Glen Hurley
CBC-1252079
6026 Allen Street
Mt. Dora, FL 32757
321-231-6195

Hurley Construction has been a professional installation contractor since 2006 when Glen Hurley began operating as a subcontractor installing custom shade canopies. Hurley Construction has installed for Shade systems for over 10 years, installing numerous shades within that time. Hurley Construction has installed in over 6 states nationwide. Please see the partial list below of projects where Shade Systems and Hurley Construction performed work together.

- 2016- Installation of (5) custom sail structures at the Halifax Humane Society Dog Park, Daytona Beach, FL.
- 2016- Installation of custom megaspan, hexagon, and shade walks at the 188th Street Park, Aventura, FL.
- 2014-2015- Installation over approx. 180,000 sq ft of custom cantilever shades over the consolidated rental car facility at Will Rogers World Airport, Oklahoma City, OK.
- 2013- FL Elks Youth Camp- Custom Sail Structure over pool- Umatilla, FL
- 2013- Tampa Bay Elementary Schools- (20 basketball court Shades), throughout Tampa Bay area
- 2012- Round Lake Park- Custom Sail Structure, Oviedo, FL
- 2010- Anniversary Park- Custom Sail Structure, Hollywood, FL
- 2009- Arts Park- Multiple Shades throughout park, Hollywood, FL



References

Completed Projects- "Playground Sails"

Project: South Pointe Park

Location: Miami Beach, FL

Products Installed: Custom Sail System

Project Contact: Carlos Da Cruz (City of Miami Beach Parks and Rec) 786-412-6254

Total Project Value: \$89,000

Completion Date: March 2016, completed on time and on budget.



South Pointe Park- Miami Beach, FL



References

Completed Projects- “Playground Sails”

Project: Sullivan Park

Location: Deerfield Beach, FL

Products Installed: Custom Sail System(s)

Project Contact: Kirk Olney (Bermello Ajamil & Partners, Inc.) 305-860-3709

Total Project Value: \$85,000

Completion Date: February 2017, completed on time and on budget.

Sullivan Park, Deerfield Beach, FL





References

Completed Projects- "Playground Sails"

Project: Santa Ana Wellness Center

Location: Pueblo, NM

Products Installed: Custom Sail System

Total Project Value: \$62,000

Completion Date: May 2015, completed on time and on budget.



Santa Ana Wellness Center- Pueblo, NM



4150 S.W. 19 Street · Ocala, FL 34474

Tel.: 352/237-0135 · TOLL-FREE: 1-800-609-6066 · FAX: 352/237-2256

e-mail: info@shadesystemsinc.com

CUSTOMER REFERENCES

The following is a partial selection of local customers who may be contacted and interviewed about their experiences with Shade Systems products and service:

Miami-Dade County Parks Dept.

ATTN: Mr. Michael Bedell, Landscape Architect - Tel.: 305-755-7891

Projects & Duration: Numerous shade structures at multiple locations since 2004

City of Miami Beach Parks & Rec.

ATTN: Mr. Carlos Da Cruz

Projects & Duration: Numerous shade structures at various locations since 2004

Tel.: 786/412-6254

City of Fort Lauderdale Parks & Rec.

ATTN: Mr. Thomas White, Landscape Architect - Tel.: 954-828-5350

Projects & Duration: Numerous shade structures at multiple locations since 2005

City of Plano, Texas

ATTN: Mr. Kevin Murray, Parks Supt.

Project: Russell Creek Park – multiple Cantilevers on sports fields installed since 2009

Tel.: 972-941-7265

City of Tamarac Parks & Rec.

ATTN: Mr. Greg Warner, Director

Projects & Duration: Numerous shade structures at multiple locations since 2006

Tel.: 954/597-3638

City of Margate Parks & Rec.

ATTN: Mr. Mike Jones, Director

Projects & Duration: Numerous shade structures at multiple locations since 2007

Tel.: 954/444-7077

City of Dania Beach Recreation

ATTN: Mr. Mark Felicetty, Director

Projects & Duration: Numerous shade structures at multiple locations since 2014

Tel.: 954-924-6800 x3730

City of Clearwater Parks & Recreation

ATTN: Mr. Leroy Chin

Projects & Duration: Numerous shade structures at multiple locations since 2005

Tel.: 727/224-7101

City of Brush, Colorado

ATTN: Mr. Dwight Andersen, Parks Maintenance Supervisor

Projects & Duration: Doty Pond 2014

Tel.: 970/768-4327



Proposed Scope of Services:

The below is a brief list of the services included in our proposal to cover the (8) below mentioned parks per your bid docs. (Roper, Fred Cone, Cedar Grove, Porter's Community, Rosa B. Williams, MLK Center, Cofrin Nature, Ironwood Golf.) This list is preliminary, and will be modified as time goes on.

- Permitting
- Design/ Design Review with Owner
- Engineering
- Manufacturing
- Installation
- Close out

Estimated Project Schedule:

Please note- schedule is estimated and may vary

- Design (preliminary design, review meetings, revisions, etc.) **1-2 weeks**
- Engineering (final drawings, engineering review/analyzation, etc.) **2-3 weeks**
- Manufacturing/production (produce all materials required, including powder coat) **3-4 weeks**
- Installation (complete installation of all footings, and erection of actual structures) **3-4 weeks**
- Close out (all required close out and punch list requirements) **1 week**

Total Estimated project time frame Approximately **12-14 weeks**. (estimate only, engineering review and contract reward time frames can affect anticipated schedule, as well as permit process).



May 18, 2017

City of Gainesville
Attn: Purchasing
200 East University Ave, Room 339
Gainesville, FL 32601

RE: Local bid preference

Dear Sir or Madam:

This is to notify that Shade Systems is not a local bid preference for this project. Shade Systems, Inc. is in Ocala, FL in Marion County.