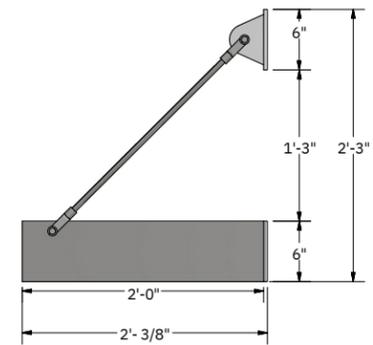
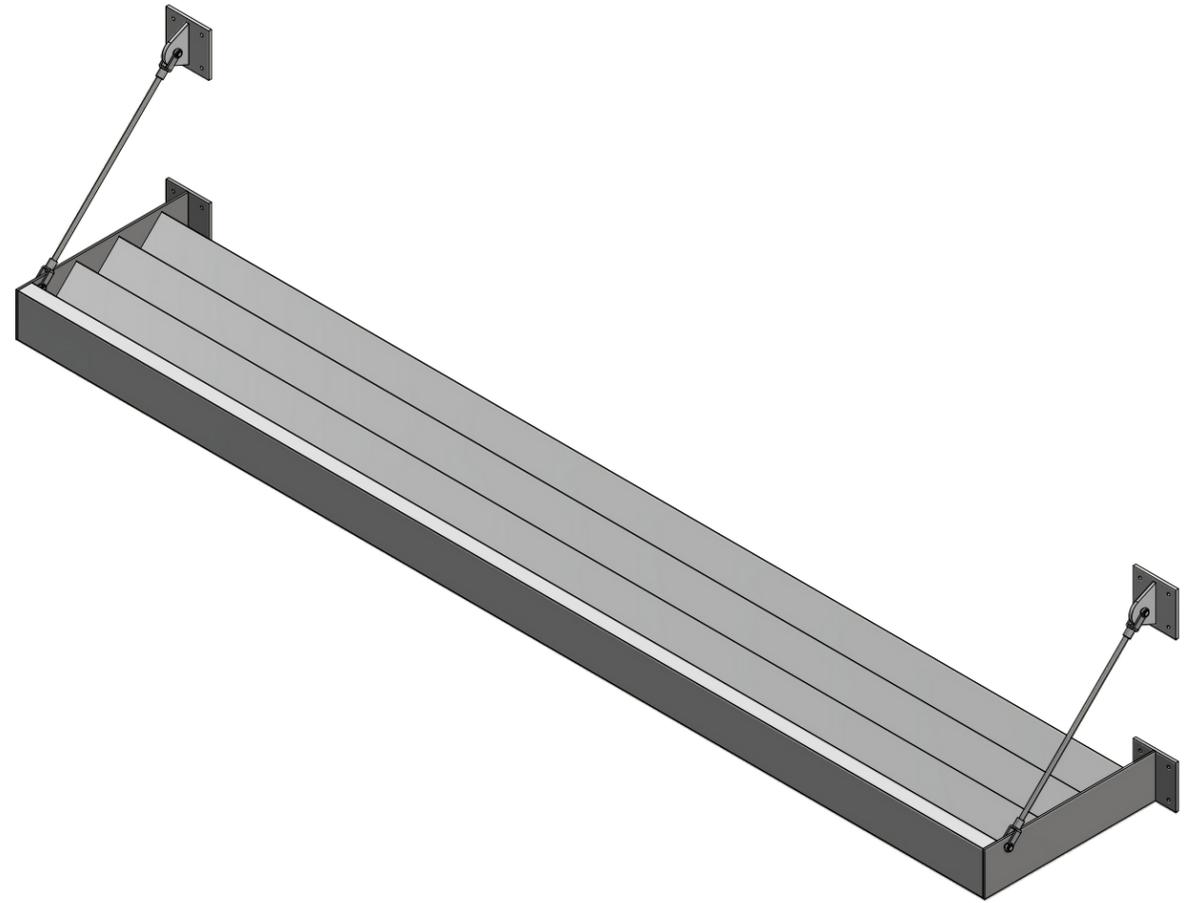


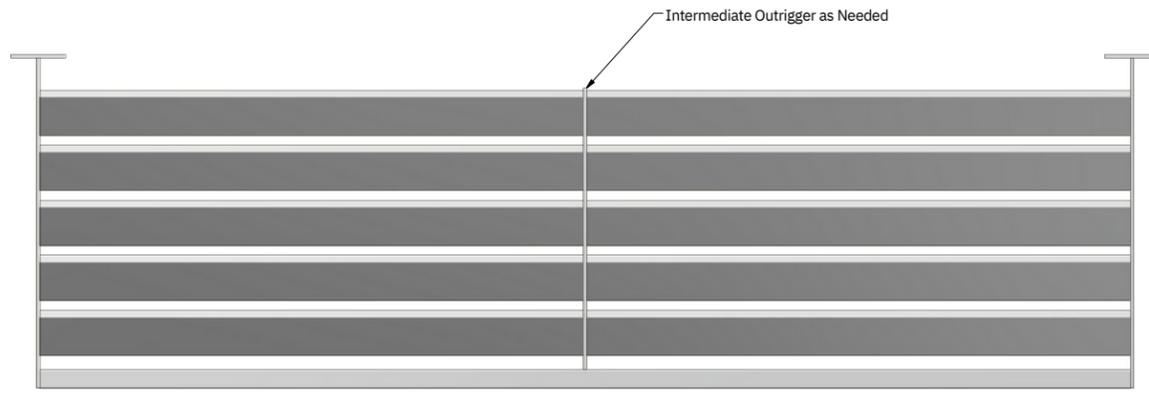
Aluminum Construction  
 Powder Coat Finish  
 Powder Coat Color: TBD

Steel Threaded Rod (Powder coated)  
 All Hardware (Minus Installation Hardware) included  
 All Hardware Zinc Coated Steel

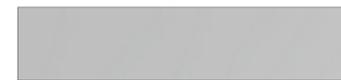
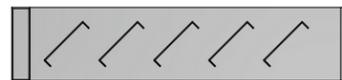
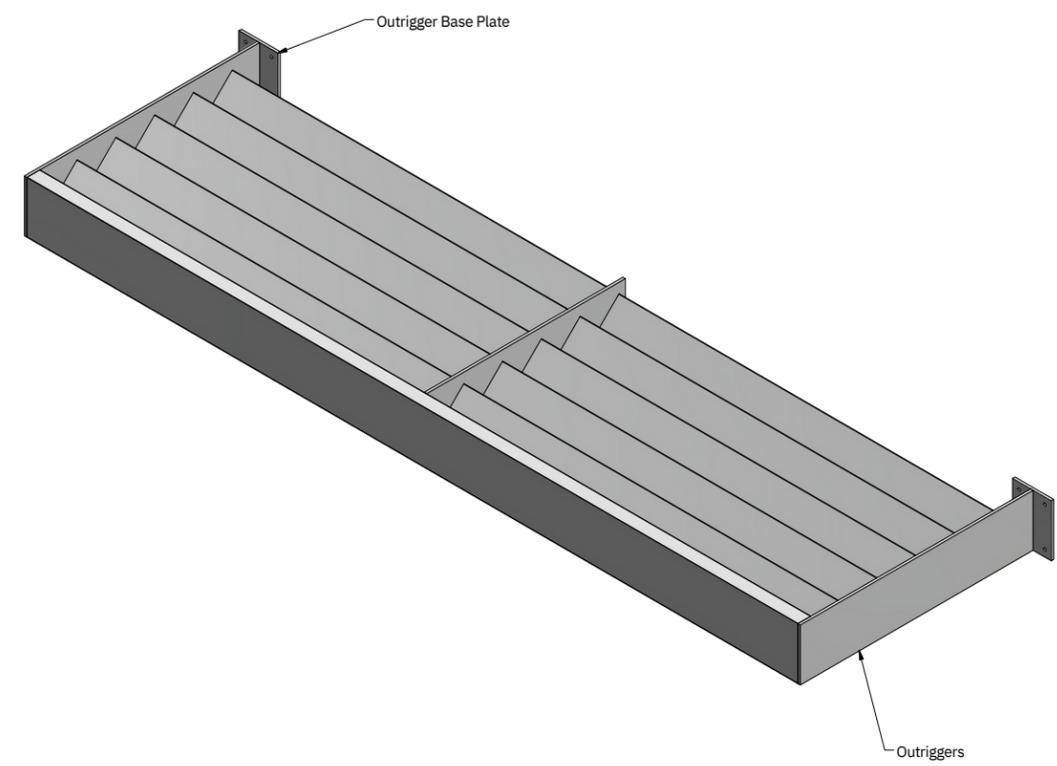


DRAWN	1/28/2019	Vestis Systems, Inc.		
CHECKED		TITLE		
QA		Sunshade Alpha 2		
MFG		SIZE	DWG NO	REV
APPROVED		D	Louvered Sunshade - Alpha2	2
		SCALE	0.11:1	SHEET 1 OF 4

8 7 6 5 4 3 2 1



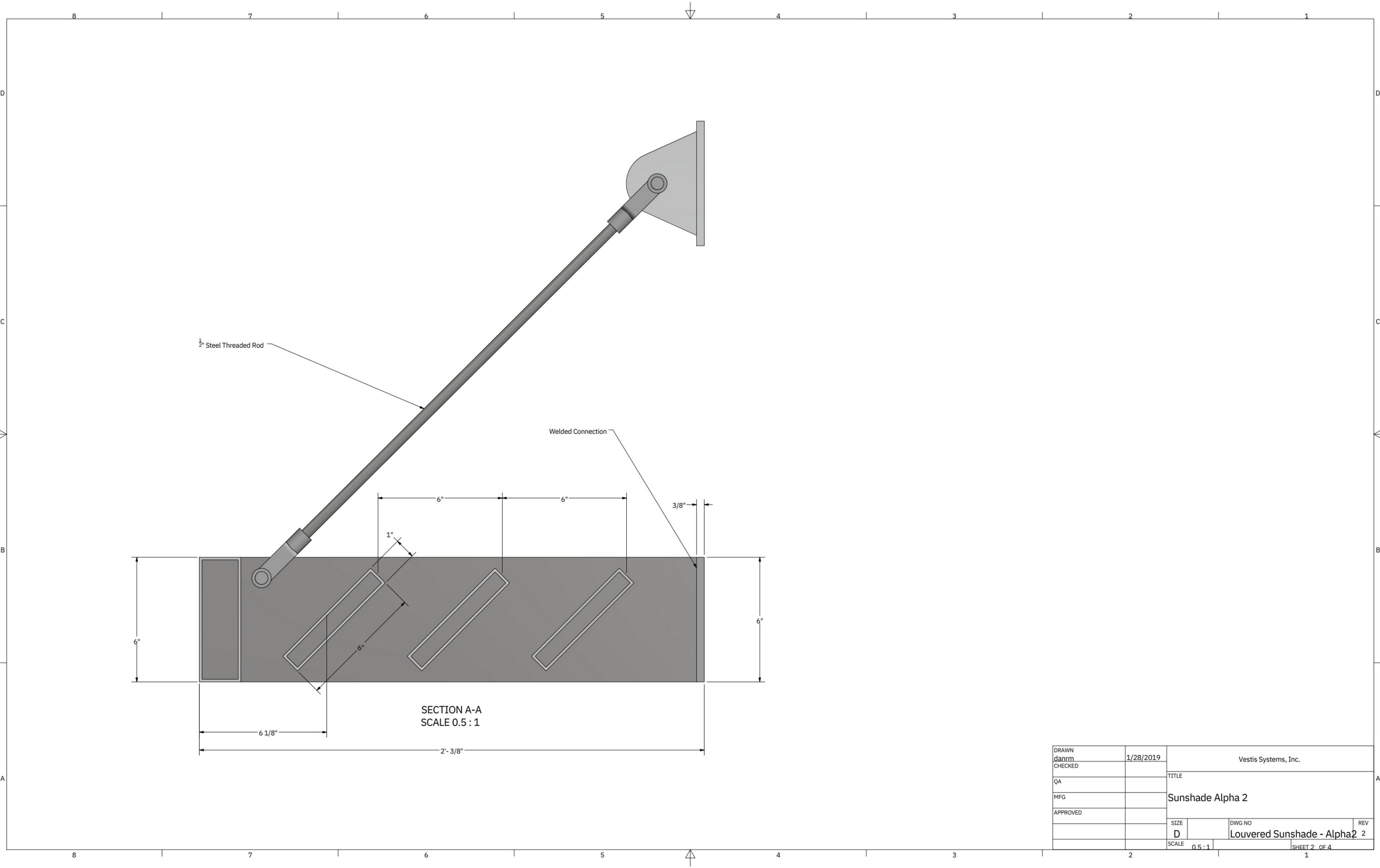
Approximately 4-6 Lbs per sqft



SECTION A-A

DRAWN Dan M	2/19/2019	Vestis Systems, Inc.		
CHECKED		TITLE		
QA		Typical Sunshade		
MFG				
APPROVED		SIZE	DWG NO	REV
		D	Typical Sunshade	
		SCALE	0.1:1	SHEET 1 OF 1

8 7 6 5 4 3 2 1

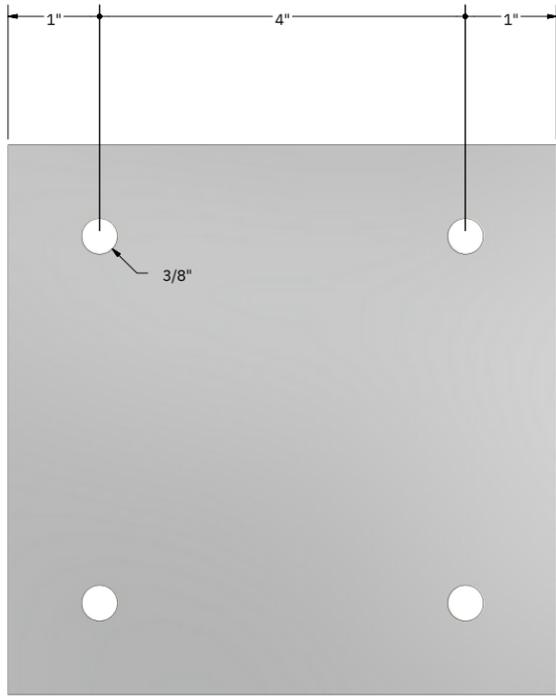


1/2" Steel Threaded Rod

Welded Connection

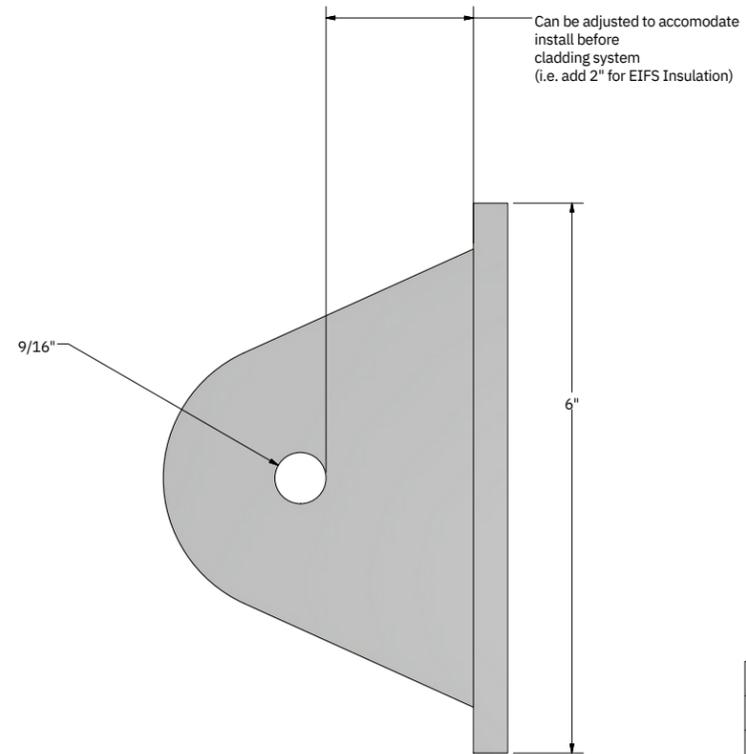
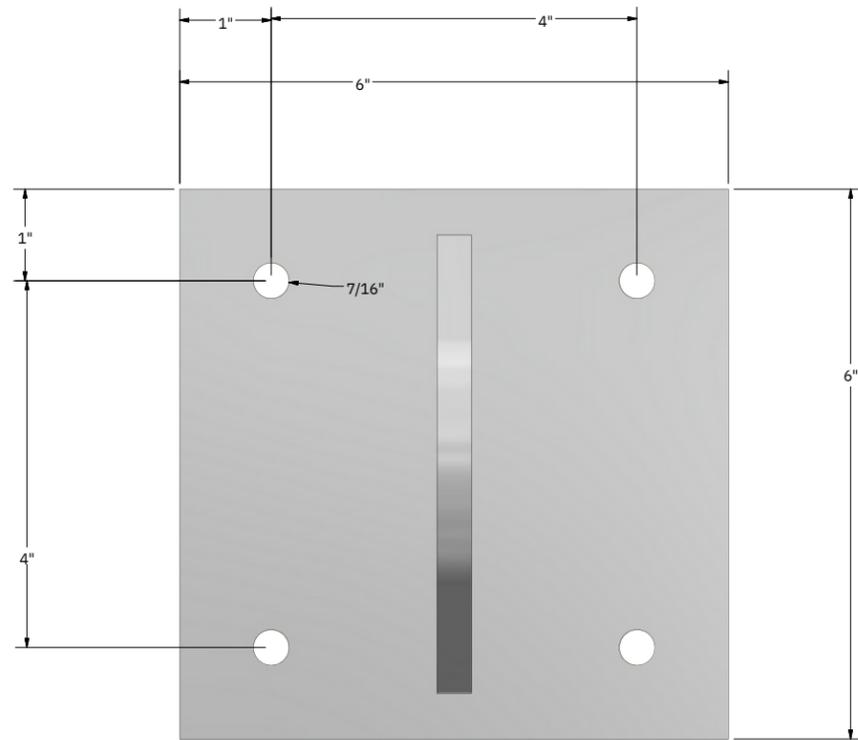
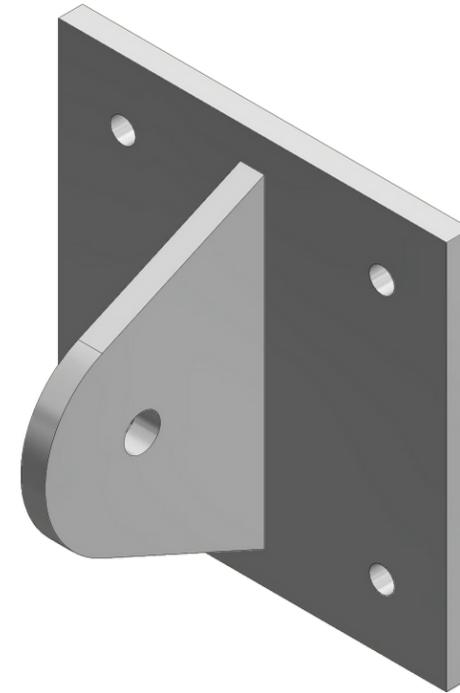
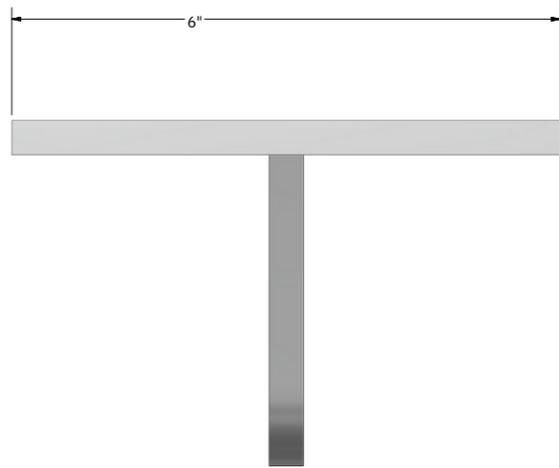
SECTION A-A  
SCALE 0.5 : 1

DRAWN	danrm	1/28/2019	Vestis Systems, Inc.		
CHECKED			TITLE		
QA			Sunshade Alpha 2		
MFG			SIZE	DWG NO	REV
APPROVED			D	Louvered Sunshade - Alpha 2	2
			SCALE	0.5 : 1	SHEET 2 OF 4

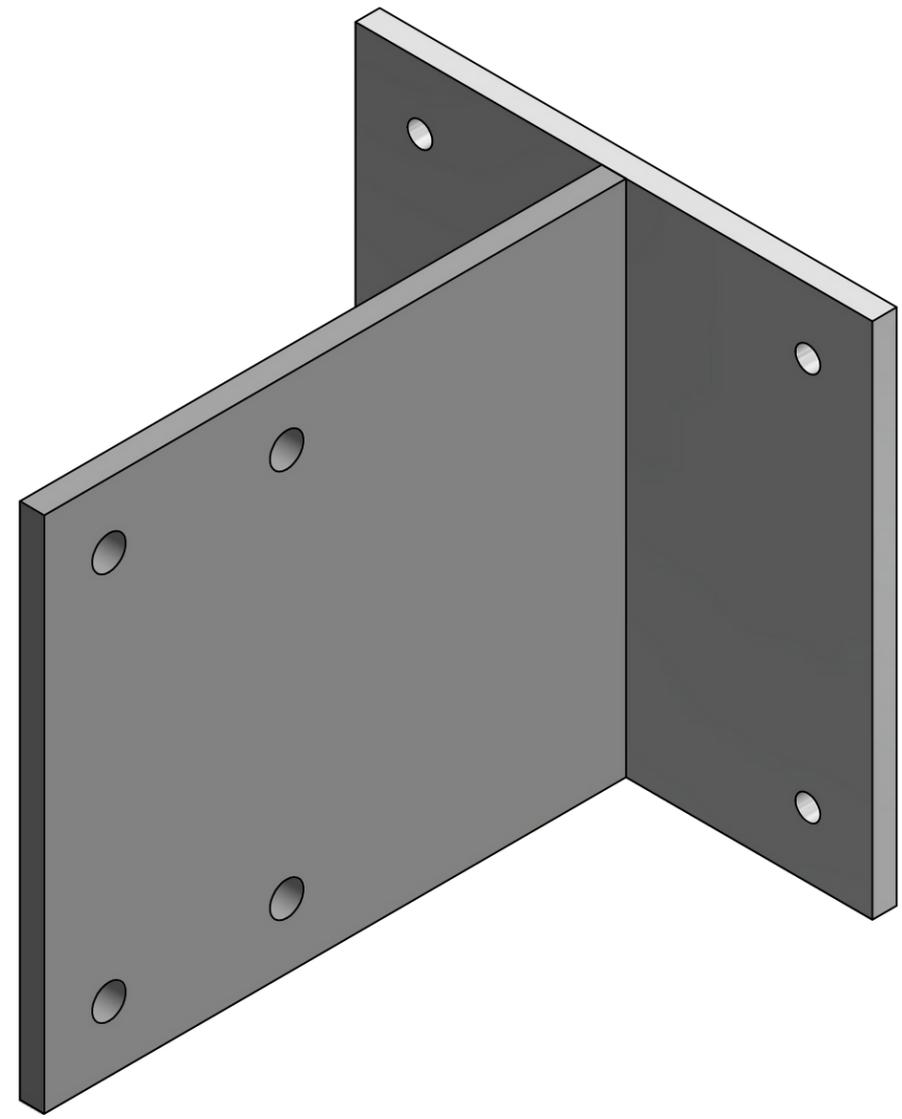
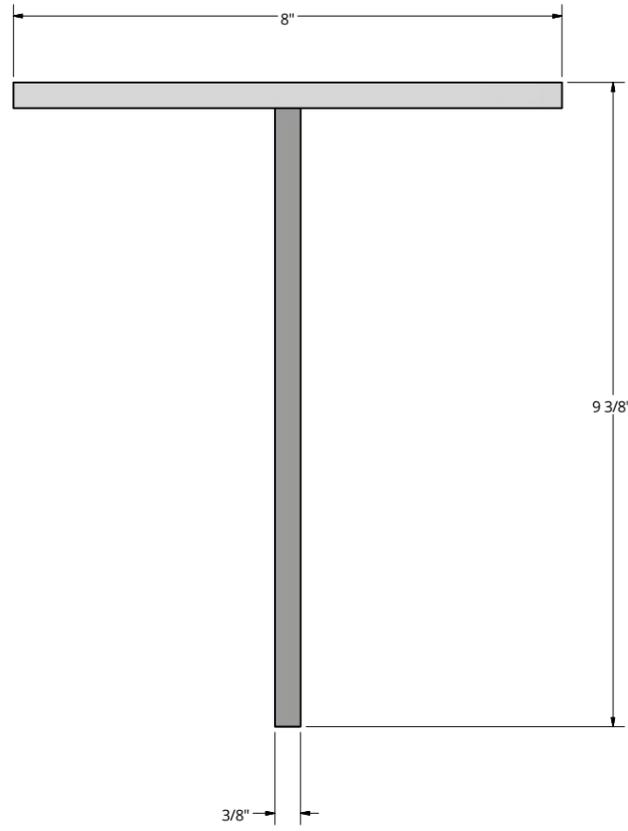


Outrigger Base plate pattern

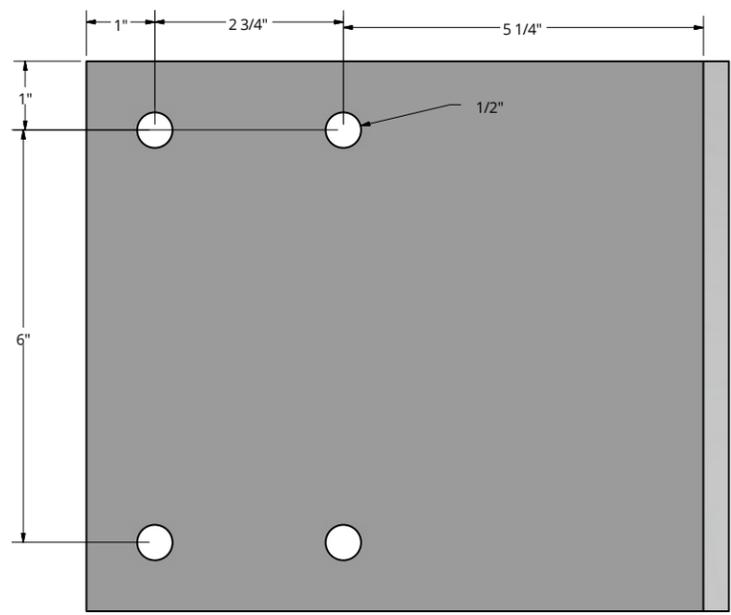
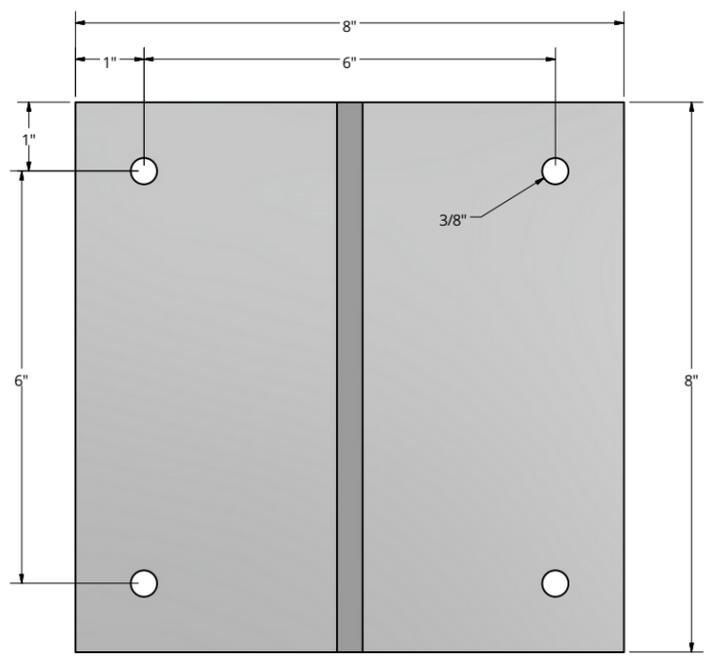
DRAWN	1/28/2019	Vestis Systems, Inc.		
CHECKED		TITLE		
QA		Sunshade Alpha 2		
MFG		SIZE	DWG NO	REV
APPROVED		D	Louvered Sunshade - Alpha2	2
		SCALE	1:1	SHEET 3 OF 4



DRAWN	1/28/2019	Vestis Systems, Inc.		
CHECKED		TITLE		
QA		Sunshade Alpha 2		
MFG		SIZE	DWG NO	REV
APPROVED		D	Louvered Sunshade - Alpha2	2
		SCALE	1:1	SHEET 4 OF 4



6061 Aluminum  
Welded Construction



DRAWN	8/8/2018	Vestis Systems, inc.		
CHECKED		TITLE		
QA		Knife Plates		
MFG		SIZE	DWG NO	REV
APPROVED		D	Knife Assembly	
SCALE 75:1		SHEET 2 OF 2		

## **Specification Section: 10 71 13 - Exterior Sun Control Device (Louvered Sunshades)**

### **Part 1: General**

A.Section Includes: Design, Fabrication and Installation of welded aluminum tie-rod sun control device

B.Related Items and Considerations:

- 1.Wall construction, make-up and thickness will need to be determined to ensure adequate conditions for exterior sun control device loads where required.
- 2.Canopy drain locations or guttering where necessary.

### **1.2References:**

- 1.ASCE 7 - Minimum Design Loads for Buildings and Other Structures.
- 2.ASTM B 221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes
- 3.ASTM B 429 - Standard Specification for Aluminum-Alloy Extruded Pipe and Tube.
- 4.Aluminum Association AA DAF 45 - Designation System for Aluminum Finishes.
- 5.AAMA 2603 - Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Architectural Extrusions and Panels.
- 6.AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Architectural Extrusions and Panels.

### **1.3 Design Requirements:**

- 1.Design members to withstand dead, live, wind and other applicable loads in accordance with ASCE-7 and applicable code.
- 2.All welded extruded aluminum sun control device
- 3.Fabricated by approved manufacturer.

### **1.4 Submittals:**

- 1.Manufacturer's product information; specifications for Exterior Sun Control Devices and components
- 2.Shop Drawings; Include plan dimensions, elevations and details
- 3.Finish/Color Samples; from manufacturer's full range of colors

### **1.5 Quality Assurance:**

- 1.Manufacturer Qualifications; A minimum ten (10) years of experience in the design, fabrication and erection of extruded aluminum canopy systems
- 2.Installation shall be in strict accordance with the manufacturer's shop drawings. Particular attention should be given to protecting the finish during handling and erection.

## **Part 2: Products**

### **2.1 Acceptable Manufacturer:**

A.Vestis Systems, Inc.

213 East. Ermina

Spokane, WA 99207

Phone: 1-509-892-6180

Fax: 1-509-892-6641

Email: Info@vestissystems.com

### **2.2 Materials:**

1. Aluminum Members; Architectural extruded aluminum, 6061 alloy, 6063 alloy.
2. All Fascia materials to be a minimum .125" Wall
3. Louvers are 1" x 6" Rectangular tube or Vestis Custom 1" x 6" C-Channel both .125" wall or greater.
4. Hanger Rods/Attachment Hardware; shall be A36 steel and finished to match other components
5. Gutter; shall be aluminum extrusion of size indicated on architect drawings.
6. Fasteners; shall be Hot Dipped Galvanized, Stainless Steel, or equivalent

### **2.3 Finishes:**

1. Standard finishes for exterior sun control devices and knife plates is Powder Coat

## **2.4 Fabrication:**

- 1.Exterior sun control devices: All welded aluminum
- 2.Knife Plates: Welded 6061 Architectural extruded aluminum

## **Part 3: Execution**

### **3.1 Inspection**

- A.Ensure that surrounding area is ready for the exterior sun control device installation.
- B.Installer shall confirm dimensions and elevations to be as shown on drawings provided
- C.Installation shall be performed by client or contractor and scheduled after all concrete, masonry and roofing in the area is completed

### **3.2 Installation**

- A.Installation shall be in strict accordance with manufacturer's shop drawings. Particular attention should be given to protecting the finish during handling and erection.

### **3.3 After Installation**

- A. Entire system shall be left in a clean condition.