

## **Spec Section:**

# **Aluminum Fabrication Co: Alumiola**

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## **Part 1: General**

### **1.1 Description of Work**

1. Pergola Fabrication, Installation or shipment: Providing and fabricating custom pergolas designed as versatile outdoor structures, leaving the interior open for customization with various shade and design elements, followed by professional installation.
2. Related Items and Considerations:
  1. Determine wall construction, makeup, and thickness.
  2. Ensure adequate wall condition to carry loads where required. (If installed on wall)
  3. Decide powder coating color.
  4. Any necessary removal or relocation of existing structures, obstructions, or materials.

### **1.2 Quality Assurance**

1. Ensuring that the pergolas are fabricated and installed to meet industry standards, crafted with precision, durability, and the flexibility for customized designs.

### **1.3 Field Measurement**

1. Confirm dimensions prior to preparation of shop drawings when possible.
2. If requested, supply manufacturer's standard literature and specifications for canopies.
3. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.
4. (Optional) Provide 3D renders of client's canopy to see the effects / appearance of canopy on building.

### **1.4 Performance Requirements**

1. Pergola must conform to local building codes.
2. PE Stamped calculations are available if specified and per project location.
3. PE Stamped calculations must be signed and sealed by an engineer licensed within the state the sunshades are installed.

### **1.5 Delivery, Storage, Handling**

1. Proper handling, storage, and timely delivery of pergola materials to prevent damage and ensure readiness for both fabrication and installation.
2. Four Seasons Awning ships to all 50 states!

## **Part 2: Products**

### **2.1 Manufacture**

1. Pergolas are custom-fabricated using high-quality materials, providing a sturdy framework for customization.

## **2.2 Materials**

1. Utilizes durable and weather-resistant materials, ensuring long-lasting performance and adaptability to various design options.
2. Intermediate framing members shall be extruded aluminum, alloy 6061 and 6063-T6, in profile and thickness.
3. Steel Columns, Stringers, Rafters, and Beams can be used to create your ideal pergola.

## **2.3 Finishes**

1. Pergolas are available in a range of finishes to complement the outdoor environment and design preferences.
2. Over 30 different powder coating colors and infill types allowing the customer to truly make the pergola one of a kind.

## **Part 3: Execution**

### **3.1 Inspection**

1. Confirm that surrounding area is ready for the sunshade installation.
2. We quality check all items that come in and leave our shop to make sure the customer is satisfied with a Bahama shutter that will last lifetimes.

### **3.2 Installation/ Shipment**

1. Installation will be provided by FSA.
2. FSA will securely ship to all 50 states.

### **3.3 After installation, entire system shall be left in a clean condition.**

1. Customer will be giving cleaning instructions for pergola.