



Awnex, Inc.

Phoenix Aluminum Trellis System

Part 1: General

1.1 Description of Work

A. Work in this section includes furnishing and installation of extruded aluminum overhead hanger rod style canopies as manufactured by Awnex, Inc.

B. Related Items and Considerations

- 1. Flashing of various designs may be required. Supplied by the installer.**
- 2. Determine wall construction, make-up and thickness.**
- 3. Ensure adequate wall condition to carry canopy loads where required.**
- 4. Consider water drainage away from canopy where necessary.**
- 5. Any necessary removal or relocation of existing structures, obstructions or materials.**

1.2 Quality Assurance

A. Products meeting these specifications established standard of quality required as manufactured by Awnex, Inc., Ball Ground, GA, 770-704-7140

1.3 Field Measurement

- A. Confirm dimensions prior to preparation of shop drawings when possible.**
- B. If requested, supply manufacturer's standard literature and specifications for canopies.**
- C. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.**

1.4 Performance Requirements

- A. Canopy must conform to local building codes.**
- B. Determine if specific load requirements have been established for canopies and if stamped calculations are required for location in which canopy is installed.**
- C. The canopy must handle the minimum PSF live load for regional conditions.**

1.5 Deliver, Storage, Handling

- A. Deliver and store all canopy components in protected areas.**

Part 2: Products

2.1 Manufacturer

Awnex, Inc.
260 Valley St
Ball Ground, GA 30107
770-704-7140

2.2 Materials

- A. The product is the Phoenix Trellis System.**
- B. Extrusions to be 2" x 8" with .125" wall minimum, alloy 6063-T6.**
- C. Tie-back rods and attachment hardware shall be powder coated to match canopy.**
- D. Tie-back spacing to be 88" maximum.**

2.3 Finishes

- A. Standard finishes are powder coated with polyester resin.**
- B. Optional finishes include standard 2-coat Kynar.**

2.4 Fabrication

- A. All connections shall be mechanically assembled utilizing 3/16" fasteners with a minimum shear stress of 350 lb. Pre-welded or factory-welded connections are to follow ANSI Std Z49.1**

Part 3: Execution

3.1 Inspection

- A. Confirm that surrounding area is ready for the canopy installation.**
- B. Installer shall confirm dimensions and elevations to be as shown on drawings provided by Awnex, Inc.**
- C. Erection shall be performed by an approved installer 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.