

Awnex, Inc.

Colorado Aluminum Canopy Soffit 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 a minimum of 30 PSF live load.**

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 Colorado Canopy Soffit System.**
- B. Frame to use extrusions with a minimum .125" wall, alloy 6063-T6.**
- C. Decking to use a minimum of .063" aluminum sheet.**
- D. Soffit to use a minimum of .040" aluminum sheet.**
- E. Tie-back rods and attachment hardware shall be powder coated to match canopy.**
- F. 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 ____**

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.**