

## **Apex Canopies**

### **Cantilevered Architectural Canopy Specifications**

#### **Part 1: General**

##### **1) Description of Work**

**A) Work in this section includes furnishing and installation of extruded aluminum canopies with cantilever support brackets as manufactured by Apex Canopies.**

##### **B) Related Items and Considerations.**

- 1) Determine wall construction, make-up, and thickness.**
- 2) Ensure adequate wall condition to carry canopy loads where required.**
- 3) Consider water drainage away from canopy where necessary.**
- 4) Any necessary removal or relocation of existing structures, obstructions, or materials.**

##### **2) Quality Assurance**

**A) Products meeting these specifications established standard of quality required as manufactured by Apex Canopies, Sloatsburg, New York 845-792-0560.**

##### **3) Field Measurement**

**A) Confirm dimensions prior to preparation of shop drawings when possible.**

**B) If requested, supply the 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.**

#### **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 the location in which canopy is installed.**

**C) The canopy must handle a minimum of ..... PSF live load.**

#### **5) Deliver, Storage, Handling**

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

### **Part 2: Products**

#### **1) Manufacturer**

**A) Apex Canopies**

**100 Sterling Mine Rd.**

**Sloatsburg, NY 10974**

**Phone: 845-792-0560**



## **2) Materials**

### **A) Framing:**

**(1) Type: Extruded aluminum "J" channel fascia.**

**(2) Size: 4" x 8" x .125".**

### **B) Canopy Supports:**

**(1) S3 x 5.7# (3" x 2.33" x 0.260" x 0.170") Structural Steel S-Beam, welded to a 7" x 8" x ½" Steel plate (ASTM A36 grade material).**

**C) Decking: 3" x 6" x .065" Interlocking Extruded aluminum flat soffit decking (as selected from APEX decking options)**

**D) Other Components: other components as indicated or as required for system attachment and performance.**

## **3) ACCESSORIES**

**A) Down spouts 3" x 3" x .125", Finished to match canopy color.**

## **4) Finishes**

**(select appropriate finish)**

**A) Finish coat: AAMA 2603 Thermosetting Polyester Resin-based Powder.**

**B) Source: Gotham powder coating or equivalent.**

**C) Kynar 500 (color) to be selected by architect from Apex Canopies color range.**

## **5) Fabrication**

**A) All connections shall be mechanically assembled utilizing 3/16" fasteners with a minimum shear stress of 350 lb.**

- B) Decking shall be designed with interlocking extruded aluminum members with mechanical fasteners field applied to provide structural integrity for the completed assembly.**
- C) Concealed drainage. Water shall drain from covered surfaces into integral fascia gutter and directed to either the front for front drainage or to the rear for ground level discharge via one or more designated downspouts.**

### **Part 3: Execution**

#### **1) Inspection**

- A) Confirm that the surrounding area is ready for the canopy installation.**
- B) The installer shall confirm dimensions and elevations to be as shown on drawings provided by Apex canopies.**
- C) Erection shall be performed by an approved installer and scheduled after all concrete, masonry and roofing in the area is completed.**

#### **2) Installation**

- A) 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.**

- 3) After installation, the entire system shall be left in a clean condition.**

### **END OF SECTION**