

## SECTION 10530

### PROTECTIVE COVERS

#### PART 1 -GENERAL

##### 1.1 SUMMARY

- A. This Section includes the following: Pre-finished aluminum canopies.

##### 1.2 PERFORMANCE REQUIREMENTS

- A. General: Design, fabricate, and install canopies to withstand loads from wind and snow; including exposure to weather.

##### 1.3 SUBMITTALS

- A. Product Data: Material descriptions, construction details, fabrication details, dimensions of individual components and profiles, hardware, fittings, mounting accessories, features, finishes, and operating instructions for canopies.
- B. Shop Drawings: Show location and extent of canopies. Include elevations sections. Show materials, fabrication, dimensions, mounting heights, connections, anchorages, installation details, and attachments to other work.
  - 1. Show locations for blocking, reinforcement, and supplementary structural support to be provided by others.
- C. Samples for Verification: Provide sample of aluminum panel and available colors.

##### 1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum (5) years experience in similar work.
- B. Fabricator Qualifications: Shop that employs skilled workers who custom-fabricate products similar to those required for this Project and whose products have a record of successful in-service performance.

##### 1.5 PROJECT CONDITIONS

- A. Field Measurements: Where canopy installation is indicated to fit to other work, verify dimensions of other work by field measurements before fabrication and indicate measurements on Shop Drawings.

## 1.6 WARRANTY

- A. Warranty: Manufacturer's standard form in which manufacturer and fabricator agree to repair or replace components of canopy that fails in materials or workmanship within specified warranty period.
1. Finish Warranty Period: As detailed by specified finish.
  2. Material and Installation Warranty Period: One (1) year.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

- A. Manufacturer: Canopy Corporation  
3920 PO Box 21207, Winston-Salem NC 27120 Tel. 336-837-0077, Fax. 336-837-0294,  
sales@canopy-corp.com www.canopy-corp.com
- B. Basis of Design: Endurance Hanger-rod Canopy System by Canopy Corporation

### 2.2 MATERIALS

- A. Aluminum Frames: Canopy shall use perimeter-extruded gutter and extruded decking. Extruded Decking shall be a cap and pan (or flat pan) shall interlock to make a rigid structure. Crimped decking is not allowed. Roll-formed aluminum decking (12" or 16" widths) shall be allowed upon approval by the Architect or owner.
- B. Support Rods shall be 1½"x 1½" square tubing. Utilizing 2"x2" square tubing based on design loads.
- C. Gutter size shall be 4"x 6" at 0.093" thick.
- D. Flashing shall be made of aluminum sheet painted to match the color of the canopy.
- E. Anchors, Fasteners, Fittings, Hardware, and Installation Accessories: Complying with performance requirements indicated and suitable for exposure conditions.

### 2.3 FABRICATION

- A. Fabricate and finish aluminum roof panels and accessories at the factory to greatest extent possible, by manufacturer's standard procedures and processes.
- B. Provide panel profile, including major ribs and intermediate stiffening ribs, if any, for full length of panel.
- C. Frames: Pre-assemble frames in the shop to greatest extent possible. Canopy Corporation

does not weld any frames.

## 2.4 FINISHES

- A. Protect mechanical and painted finishes on exposed surfaces from damage by applying a temporary protective covering before shipping.
- B. Standard factory options are bronze baked enamel or white baked enamel.
- C. Optional finishes include Powder Coating.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present or requirement of immediately notification of any damaged material before installation is conducted.
  - 1. Proceed with installation only after material have been corrected.

### 3.2 INSTALLATION, GENERAL

- A. General: Install canopies at locations and in position indicated, securely connected to supports. Use mounting methods of types described and in compliance with Shop Drawings.
- B. Install canopies after other finishing operations, including joint sealing and painting, have been completed.
- C. Attach metal roof panels to frames as recommended by manufacture.
- D. Anchoring to In-Place Construction: Use anchors, fasteners, fittings, hardware, and installation accessories where necessary for securing canopies to structural support.

### 3.3 CLEANING AND PROTECTION

- A. Clean canopy surfaces after installation, according to manufacturer's written instructions.
- D. Touchup Painting: Immediately after erection.

END OF SECTION 10530