

SECTION 10 73 26

PROTECTIVE COVERS

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Pre-finished, pre-manufactured aluminum canopies.

1.2 PERFORMANCE REQUIREMENTS

A. General: Design, fabricate, and install canopies to withstand loads from gravity, wind and snow; and to resist, without failure, other conditions of in-service use, including exposure to weather.

1.3 SUBMITTALS

A. Product Data: Include styles, material descriptions, construction details, fabrication details, dimensions of individual components and profiles, hardware, fittings, mounting accessories, features, finishes, and operating instructions for awnings.

B. Shop Drawings: Show location and extent of canopies. Include elevations, sections, and details not shown in Product Data. Show materials, fabrication, dimensions, mounting heights, connections, anchorages, installation details, attachments to other work, operational clearances, and relationship to adjoining work.

1. Show locations for blocking, reinforcement, and supplementary structural support to be provided by others.

C. Samples for Verification: Provide sample of metal panel and full range of 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. Notify Architect of discrepancies. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

1.6 WARRANTY

- A. Warranty: Manufacturer's standard form in which manufacturer and fabricator agree to repair or replace components of awnings that fail 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: QUEEN CITY AWNING
7225 East Kemper Road, Cincinnati, Ohio 45249, Tel. 800-611-2800, 513-530-9660,
estimating@QueenCityAwning.com, www.QueenCityAwning.com
- B. Basis of Design: DEFENDER Hanger-rod Canopy System by Queen City Awning

2.2 MATERIALS

- A. Decking to be .075" wall extruded aluminum, alloy 6063-T6 self mating roof pans
- B. Fascia to be 8" tall x .125" wall extruded aluminum, alloy 6063-T6
- C. Hanger rods to be extruded aluminum, alloy 6063-T5 schedule 40 pipe
- D. Anchors, Fasteners, Fittings, Hardware, and Installation Accessories: Complying with performance requirements indicated and suitable for exposure conditions, supporting structure, anchoring substrates, and installation methods indicated. Provide as required for canopy assembly, mounting, and secure attachment.

2.3 FABRICATION

- A. Fabricate and finish metal roof panels and accessories at the factory to greatest extent

possible, by manufacturer's standard procedures and processes and as necessary to fulfill indicated performance requirements. Comply with indicated profiles and with dimensional and structural requirements.

- B. Frames: Preassemble frames in the shop to greatest extent possible. Disassemble units only as necessary for shipping and handling limitations. Use connections that maintain structural value of joined pieces. Clearly mark units for reassembly and coordinated installation.

2.4 FINISHES

- A. Standard powder coat finish to be polyester powder coated to meet AAMA 2604.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for supporting members, blocking, inserts, installation tolerances, lighting, and other conditions affecting performance.

1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

- A. General: Install canopies at locations and in position indicated, securely connected to supports, free of rack, and in proper relation to adjacent construction. Use mounting methods of types described and in compliance with Shop Drawings and fabricator's written instructions.
- 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 fabricator.
- D. Anchoring to In-Place Construction: Use anchors, fasteners, fittings, hardware, and installation accessories where necessary for securing canopies to structural support and for properly transferring load to in-place construction.

3.3 CLEANING AND PROTECTION

- A. Clean canopy surfaces after installation, according to manufacturer's written instructions.

- B. Touchup Painting: Immediately after erection, clean field welds, connections, and abraded areas. Paint uncoated and abraded areas with same or compatible material as used for shop-applied finish painting.
- C. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer that ensure that canopies are without damage or deterioration at time of Substantial Completion.

END OF SECTION 10 73 26