

10536 METAL CANOPY SPECIFICATIONS

1.0 GENERAL

1.1 DESCRIPTION

- A. This section includes standing seam covered aluminum framed awnings (canopies).

1.2 STANDARDS

- A. All work and materials shall conform to the following standards:
 - 1. ASTM
 - 2. American Welding Society
 - 3. Industrial Fabric Association International
 - 4. National Fire Protection Agency
 - 5. Society of Protective Coatings

1.3 SUBMITTALS: Drawings - Provide four complete sets of the following:

- A. Shop Drawings
 - 1. Drawings showing all frame dimensions
 - 2. Awning locations
 - 3. Connection Details
 - 4. Product information
- B. Materials
 - 1. Metal Panels - Firestone UC-4:
 - a) Provide color sample cards showing full range of available colors
 - b) Provide color samples of powder coating color options.

1.4 WARRANTY

- A. Awning System:
 - 1. Aluminum frame warranted for five (5) years by awning manufacturer.
 - 2. Metal panels shall be warranted by the manufacturer for a minimum of five (10) years by fabric manufacturer.
 - 3. Labor for defective fabric replacement shall be warranted for one (1) year.
 - 4. Awning installation shall be warranted for one (1) year.

1.5 MAINTENANCE

- A. Upon installation, awnings are to be clean and free of any substance that may discolor or damage surfaces.

2.0 PRODUCTS

2.01 MATERIALS

- A. Frame structure to be square galvanized tubing
 - 1. Fasteners shall be non-corrosive, non-staining bolts, shims and accessory items.

2.02 FRAME FINISH: Mill Finish

- A. Galvanized finish created by coating process.

2.03 Metal panels

- A. Hidden fastener panel system or equivalent (see additional product information).
 - 1. 24 gage standing seam panel thickness

2. Flashing and trims as required.

2.04 Manufacturers

- A. Heartland Awning & Design, Inc. Contact: Steve Moyer
www.heartlandawning.com
email: steve@heartlandawning.com
phone: 402-330-9270
- B. Requests for substitutions may be considered.

3.0 EXECUTION

3.01 FRAME

- A. All frame members to be joined by welding in compliance with ASW standards.
- B. Welds to be 1/4" fillet welds, welded with appropriate welding rod.
- C. Each joint to be welded on at least three (3) sides.
- D. All members to be cut so as to form tight joints with no gaps.
- E. Remove all burrs from cut edges.

3.02 INSTALLATION

- A. Awning(s) will be installed in position(s) indicated by shop drawings, securely connected to supports.
- B. Number and size of fasteners shall be sufficient to meet required loads.
- C. Installation shall be structurally sound, level, and plumb.