

**SECTION \_\_\_\_\_**

**STEEPLE/CUPOLA SPECIFICATIONS**

**PART 1 - GENERAL**

1.01 SUMMARY

- A. Provide steeple/cupola work shown on the drawings, as specified herein, and as needed for a complete and proper installation.
- B. Coordinate steeple/cupola work of this section with General Conditions and Supplementary Conditions.

1.02 SUBMITTALS

- A. Submit shop drawings designed in accordance with local building code requirements. Upon approval, general contractor shall send to field or job-site superintendent copy of final approved shop drawing.
- B. Submit color samples of exterior covering, and window glazing.
- C. Submit certificates of insurance.
- D. Submit close-out documents, warranties, and manuals.

1.03 QUALITY ASSURANCE

- A. Use adequate number of skilled workmen who are thoroughly trained and experienced in the necessary crafts, and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.
- B. Use materials which shall be free from defects impairing strength, durability, and appearance; shall be of best commercial quality for purpose required; and shall comply with approved drawings.
- C. Use manufacturer who has had ten (10) years of experience in the manufacture of specified product.

1.04 WARRANTY

- A. Warrant the product for one year after date of completed installation by manufacturer of product.
- B. Warrant the product for one year after date of delivery of product installed by others.

**PART 2 - PRODUCTS**

2.01 MANUFACTURER

- A. Use product as manufactured by Campbellsville Industries, Inc., P.O. Box 278, 440 Taylor Blvd., Campbellsville, KY 42718, Phone: 800/467-8135, Fax: 270/465-6839. Website: <http://cvilleindustries.com>. E-mail: [steeple@cvilleindustries.com](mailto:steeple@cvilleindustries.com).
- B. Use steeple/cupola design as shown on drawings.
- C. Use steeple/cupola stock design no. \_\_\_\_\_.

2.02 MATERIALS

(Spec writer to choose from selected materials and delete those that do not apply. If not deleted, it will be assumed .032" aluminum with stock Kynar colors are the basis for design).

- A. Use structural steel products according to ASTM specifications

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- B. Use structural aluminum products according to the Construction Manual of the Aluminum Association, Inc., and shall be alloy 6061-T6.
- C. Use .032" aluminum cladding, 3003-H14 alloy, with available stock finishes.
- D. Use 20 oz. cold rolled copper cladding.
- E. Use 20 oz. lead coated copper cladding, C-11000, 15 lbs. Lead per 100 S/F, both sides.
- F. Use .027" Altrista zinc cladding.

### 2.03 ACCESSORIES

- A. Fabricate cross, finial, weathervane and/or topping ornament true to dimensions, with welded or soldered joints, ground smooth.
- B. Form louver blades and firmly secure and rivet to frames, and back with 18 x 18 aluminum or copper screen.
- C. Form cornices, mouldings, and ornaments in accordance with approved drawings.
- D. Fabricate window framing from extruded aluminum tubing alloy 6061-T5, and glaze in Krinklglas of suitable thickness, using stock colors.
- E. Cast, stamp, form, and/or spin special ornaments in accordance with good and acceptable practices, and in accordance with approved drawings.

### 2.04 FABRICATION

- A. Fabricate structural steel framing to conform to AWS standards.
- B. Fabricate structural aluminum framing with cold driven aluminum rivets, limiting welding to secondary architectural members.
- C. Form all exterior cladding with good and acceptable sheet metal practices, and lock form all seams inasmuch as possible.
- D. Conceal all exterior fasteners to maximum possibility.
- E. Use cadmium plated bolts, nuts, and washers for anchoring, unless anchoring materials are provided and installed by others.

### 2.05 FINISHES

- A. Use aluminum skin with Kynar 500 finishes, from manufacturer's stock colors of white, sandstone, medium bronze, cream, colonial white, ivory, and/or patina green.
- B. Shop finish all aluminum castings, stampings, spinings, and accessories. Units shall be caustic etched, primed with 2 heavy coats of primer, and finished with 2 heavy coats minimum of industrial vinyl or enamel finish electrostatically applied and air dried.
- C. Clean all copper, lead coated copper or microzinc to weather naturally.
- D. Paint all aluminum surfaces in contact with steel with one heavy coat of zinc primer, and paint all steel surfaces with 2 heavy coats red lead or zinc chromate, followed by one coat of aluminized bituminous paint.

### 2.06 CAULKING

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- A. Clean and dry all surfaces to be caulked.
- B. Apply with caulking gun, using nozzle of proper size to fit the joint width.
- C. Use silicone caulking by Dow Corning, or approved equal.

**PART 3 - EXECUTION**

**3.01 PROJECT SITE CONDITIONS**

- A. Verify with owner or general contractor that site conditions are suitable and accessible for delivery and installation.
- B. Confirm with owner or general contractor that all preparatory work is in place in accordance with approved shop drawings before delivery and installation.

**3.02 INSTALLATION**

- A. Coordinate with other trades as required to assure proper and adequate installation.
- B. Clean all soiled and dirty areas and touch up any scratches or abrasions to finish before lifting into position.
- C. Install work with skilled workmen who are familiar with such work in accordance with approved shop drawings.
- D. Provide crane to manufacturer for unloading and hoisting product into position for as long as required.

**3.03 CLEAN-UP**

- A. Clean up all debris caused by work of this section
- B. Keep the premises clean and neat at all times.

END OF SECTION