

American Flagpole & Flag Co.

SECTION 10350

FLAGPOLES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Aluminum flagpoles.

1.2 REFERENCES

- A. Aluminum Association (AA): Aluminum Finishes.
- B. American Society for Testing and Materials (ASTM):
 - 1. ASTM B 241 - Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube.
 - 2. ASTM B 597 - Standard Practice for Heat Treatment of Aluminum Alloys.
- C. National Association of Architectural Metal Manufacturers (NAAMM): NAAMM FP 1001 - Guide Specifications for Design of Metal Flagpoles.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation instructions.
- C. Shop Drawings:
 - 1. Include details of foundation system.

1.4 QUALITY ASSURANCE

- A. Source
 - 1. Obtain each flagpole as a complete unit from American Flagpole & Flag Co., including fittings, accessories, bases, and anchorage devices

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Spiral wrap flagpoles with heavy paper and enclose in a hard fiber tube or other protective container.
- B. Store products in manufacturer's unopened packaging until ready for installation.
- C. Keep flagpole and accessories covered and dry to prevent soiling or damage.
- D. Handle with protective gloves to prevent unwanted distortion.

1.6 PROJECT CONDITIONS

- A. Structural Performance: Provide flagpole assemblies, including anchorages and supports, capable of withstanding the effects of wind loads, determined according to NAAMM FP 1001 for specified ground speed.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer:

- 1. American Flagpole & Flag Co.; Lake Elmo, MN 55042. ASD. Toll Free Tel: (800) 426-6235. Fax (651) 777-1925. Email: info@aflag.com . Web: www.aflag.com.

2.2 FLAGPOLES

- A. Aluminum Flagpole Construction

- 1. Fabricate from seamless, extruded tubing complying with ASTM B 221, alloy 6063-T6, having a tensile strength not less than 30,000 psi with yield point of 25000 psi. Heat treated after fabrication to comply with ASTM B 597, temper T-6

- B. Estate Series: Model EAF30050125

- 1. External Halyard, ground set, cone-tapered, aluminum flagpole. Including ground sleeve, external halyard system, rope, ball to match flagpole base diameter, cleat, stationary truck, and two nylon snap hooks. Finish exposed metal surfaces to match flagpole.
 - a. Exposed Height: 30ft
 - b. Overall Length: 33ft
 - c. Diameter: 5" base and 3" top
 - d. Wall thickness: .125"
 - e. Wind Speed: 85 MPH flagged, 110 MPH un-flagged
 - f. Mounting Device: PVC Ground Sleeve

- C. Finish:

- 1. Directional Sanded Satin Finish: Fine, directional, medium satin polish; buff complying with AA-M20; and seal aluminum surfaces with clear, hard-coat wax
 - a. Satin Brushed Aluminum finish
 - b. Clear Anodized finish
 - c. Dark Bronze Anodized finish
 - d. White Powder-coat
 - e. Other

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until final grades and elevations have been established.
- B. If others determine final base elevation, confirm with Architect before proceeding.

3.2 INSTALLATION

- A. Install flagpole where shown on drawings and in accordance with manufacturer's written instructions.

2. Flagpole shall be plumbed with $\frac{1}{4}$ " for every 10 feet of pole height.

END OF SECTION