
SECTION 10 75 00

METAL FLAGPOLES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Provide embedded ground set cone tapered aluminum flagpoles with concealed halyard system, revolving truck, pulleys and fittings, and accessories as required for complete finished installation.

1.2 REFERENCES

- A. National Association of Architectural Metal Manufacturers (NAAMM): Metal Flag Pole Manual.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's literature.
- B. Shop Drawings: Indicate dimensions of pole, anchor requirements, all components, and sizes.
- C. Samples: Submit pole finish, indicating polish, texture and color.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Spiral wrap flagpole with protective covering and pack in shipping tubes.

PART 2 - PRODUCTS

2.1 SYSTEMS MANUFACTURERS

- A. ACME Flagpole Co.
- B. Baartol Co., Inc.
- C. American Flagpole, Division of Kearney-National Inc.
- D. Concord Industries, Inc.
- E. John Ewing & Co. Inc.
- F. Substitutions: Refer to Section 01 25 00.

2.2 MATERIALS

- A. System Description: Provide embedded ground set cone tapered aluminum flagpoles with concealed halyard system, revolving truck, pulleys and fittings, and accessories.

- B. Performance Criteria: Flagpole system shall resist 90 mph wind velocity without permanent deformation, and non-resonant.
- C. Flagpoles: One piece, cone tapered aluminum poles; conforming to NAAMM Metal Flagpole Manual.
 - 1. Type: Embedded ground mounted type (minimum 4'-0" setting depth).
 - 2. Nominal Height: 30'-0".
 - 3. Outside Diameter: 7" at butt, nominal 3" at top.
 - 4. Wall Thickness: Minimum 0.188".
- D. Aluminum: ASTM B221.
 - 1. Finish: Manufacturer's standard clear satin anodized aluminum.
- E. Foundation Base: Embedded type concrete construction.
- B. Flash Collar/Base: As indicated; where not specifically indicated, as selected by Architect from manufacturer's standard flash collars and ornamental bases.
- F. Internal Halyard System: Manufacturer's standard stainless steel aircraft cable system, revolving truck with stainless steel ball-bearings, non-fouling, heavy duty winch with locked flush access door.
 - 1. Provide bronze snap hooks.
 - 2. Provide rubber covered counterweight.
 - 3. Provide braided sling.
 - 4. Provide two removable crank handles.
- G. Lightning Ground Rod: Minimum 10" long copper rod, 3/4" diameter.
- H. Lightning Ground Cable: Copper No. 6 AWG stranded, soft drawn.
- I. Asphaltic Paint: Bituminous coating, black color.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Install concrete foundations for flagpoles correctly sized and positioned.
- B. Coat portions of flagpole below grade and in contact with dissimilar materials with asphaltic paint.

3.2 INSTALLATION

- A. Install flagpole, base assembly and fittings in accordance with manufacturer's recommendations and installation instructions and as indicated on drawings.

- B. Ground flagpole installations.
- C. Check and adjust installed fittings for smooth operation.
- D. Instruct Owner's representative in maintenance and operation.

END OF SECTION