

SECTION 10350

FLAGPOLES

PART 1 - GENERAL

1.1 DESCRIPTION

- A. The work described in this section of the specifications includes the following:
 - 1. Two (2) in ground type flagpoles

1.2 RELATED WORK

- A. The following items of related work are specified and included in other sections of these specifications:
 - 1. Section 03300 - Cast-In-Place Concrete.

1.3 PERFORMANCE REQUIREMENTS

- A. **Structural Performance:** Provide flagpoles capable of withstanding the effects of wind loads as determined according to the building code in effect for this Project or NAAMM FP 1001, "Guide Specifications for Design Loads of Metal Flagpoles," whichever is more stringent.

1.4 SUBMITTALS

- A. Submit shop drawings showing details of construction, hardware, fittings, and fastenings for approval.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. The following manufacturers are approved upon compliance with the requirements of this section.
 - 1. American Flagpole
 - 2. Concord Industries, Inc.
 - 3. Ewing
 - 4. Pole-Tech, Inc.
 - 5. Approved equal.

2.2 MATERIALS AND COMPONENTS

- A. Provide three (3) cone-tapered type in-ground mounted flagpoles: Metal mounting units complete with anchorage and mounting plates, and accessories, as recommended by manufacturer, to suit size of flagpole and type of installation.
 - 1. Height: One (1) pole 35'-0"; one (1) pole 30'-0" exposed height; both 6" diameter. base, 3 1/2" diameter top.

2. Flags:
 - a. 5' x 8' rip stop nylon; one (1) State of Louisiana
 - b. 6' x 10' rip stop nylon, one (1) United States.
3. Material: Clear anodized aluminum pole, gold anodized ball.
4. Finial Ball: Manufacturer's standard flush-seam ball, sized as indicated or, if not indicated, to match pole-butt diameter.
5. Class I, Clear Anodic Finish: AA-M32C22A41 (Mechanical Finish: medium satin; Chemical Finish: etched, medium matte; Anodic Coating: Architectural Class I, clear coating 0.018 mm or thicker)
6. Gold Anodic Finish: AA-M32C22A43 (Mechanical Finish: medium satin; Chemical Finish: etched, medium matte; Anodic Coating: Architectural Class I, impregnated color coating 0.018 mm or thicker) complying with AAMA 611; gold color.
7. Components: Flashing collar in cast aluminum to match pole. Each to have ball-bearing, non-fouling, revolving cast aluminum truck, one set #10 polypropylene halyard, two chrome plated bronze snap hooks and one 9" cast aluminum cleat.
8. Foundation: Galvanized corrugated-steel foundation tube, sized to suit flagpole and installation. Provide with steel bottom plate, support plate, and ground spike sized to secure pole. Galvanize all steel components of foundation. Provide treated hardwood wedges for centering pole.

PART 3 - EXECUTION

3.1 MOUNTING

- A. **Flagpoles** shall be installed as indicated on the drawings to comply with manufacturers installation instructions.
 1. Apply a heavy coating of bituminous paint to below grade foundation.
 2. Secure foundation with braced forms and fill with concrete.
 3. Compact concrete as it is placed, trowel exposed concrete to create a smooth dense water shedding surface and moist cure for 7 days.
 4. Plumb flagpole with wedges, insert compacted sand and remove wedges, seal top with elastomeric sealant and install flashing collar.
 5. Test operation of halyards and ropes with a blank flag;. Raise and maintain flags only if directed by Owner, otherwise turn flags over to Owner at Substantial Completion.

END OF SECTION