

## SECTION 107500 – FLAGPOLES

### PART 1 - GENERAL

#### 1.1 REQUIREMENTS

- A. Structural performance: provide flagpoles capable of withstanding the effects of wind loads as determined according to the local building code in effect for this Project or NAAMM FP 1001, “Guide Specifications for Design Loads of Metal Flagpoles,” whichever is more stringent.
  - 1. Basic wind speed: for project location as determined by the local code or the wind charts provided by the pole manufacturer - whichever is more stringent.

#### 1.2 SUBMITTALS

- A. Product data: submit manufacturer’s technical data, including wind loading for the the location and installation instructions.
- B. Shop drawings: submit structural engineer’s stamped drawing for flagpole concrete footing.

### PART 2 – PRODUCTS

#### 2.1 MATERIALS

- A. Aluminum.

#### 2.2 FABRICATION

- A. Style: Ground set.
- B. Height: 30’
- C. Ship to project site in one piece.
- D. Provide tapered flagpoles.
- E. Flagpole base construction shall consist of an outer sleeve set in concrete, inner sleeve to receive flagpole and sand fill between sleeves.

#### 2.3 ACCESSORIES

- A. One (1) United States flag. (By Owner)
- B. Dome LED Flagpole Downlight/Truck Combo for Internal Halyard, capable of illuminating a 5 X 8’ flag while fully unfurled.
- C. Finial ball.
- D. Internal halyard- winch system with removable crank handle.

- F. Revolving trucks.
- G. Halyard flag snaps.
- H. Collars.
- I. Foundation and wall sleeves.
- J. Wire core rope.
- K. Metal pulley wheels.

## 2.4 FINISHES

- A. Aluminum:
  - 1. Natural satin finish: Provide fine, directional, medium satin polish.
  - 2. Clear anodized finishes.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Paint portions of flagpole below grade with a heavy coat of bituminous paint (both inside and outside).
- B. Pole shall be set into ground a minimum of three feet with a minimum of six (6) inches of concrete below bottom of flagpole.

### 3.2 SPARE PARTS AND TOOLS

- A. Provide the following spare parts per flagpole for each type:
  - 1. Internal halyard
    - a) Two (2) cranks
    - b) One (1) truck
    - c) One (1) winch
    - d) One (1) weight assembly

END OF SECTION 107500