

**SECTION 02905
FLAGPOLE**

PART 1 - GENERAL

1.1 REQUIREMENTS, CODES

- A. All applicable portions of Division 1 - General Requirements are to be considered as included with this section.

1.2 DESCRIPTION

- A. Work included: The work shall include, but not limited to, all labor, materials and equipment to provide a complete ground mounted **40' high** (above grade) fiber glass flagpole and assembly installation as shown on the drawings and specified herein, including but not necessarily limited to the following:

- 1. **Custom fiberglass 40' flagpole with complete hardware and halyard for two flags.**

1.3 RELATED WORK

- A. Section 03300 – Cast-In-Place Concrete

1.4 PERFORMANCE

- A. Fabricate flagpole from high quality pressure molded fiberglass.
- B. Heavy duty hinged ground attachment to be hot dipped zinc galvanized steel.

1.5 SUBMITTALS

- A. Provide submittals in compliance with Division 1 Sections “Submittals” and “Shop Drawings” for the items herein described:
 - 1. Product Data: Manufacturer’s technical data.
 - 2. Shop Drawings: Submit shop drawings, or refer to construction drawings.

1.5 PRODUCT DELIVERY AND STORAGE

- A. Delivery to the site should occur when ready for final installation so that flagpole and accessories will not have to be stored on site. Pole should be properly cushion, wrapped and inserted into durable shipping tube for transit to job site.
- B. Inspect materials upon delivery for damage. Any damage to the flagpole is unacceptable and shall be returned to the supplier for replacement or repair (if possible).
- C. Protect Flagpole during installation

1.6 JOB CONDITIONS

- A. Existing Conditions: If conditions are encountered which differ significantly from the assumptions indicated in the Contract Documents regarding typical conditions, immediately notify the Architect and do not proceed without further instructions.
- B. Coordination of the work of this section with the work of other entities is critical to avoid damage to interfacing work. Refer to Division 1 Section.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

- A. Acceptable Manufacturer: Subject to compliance.

Atlantic Fiberglass Products, Inc.
P.O. 3934 Amity Station,
New Haven, CT 06525-3934
1-800-826-6687
Fax 1-203-469-3490
<http://www.atlanticfiberglass.com>

2.2 MATERIALS

- A. Flagpole to be high quality pressure molded fiberglass
- B. Hinged ground attachment to be attractive, strong, hot dipped zinc galvanized steel base.
- C. Mounting kit to be complete with all fittings, hardware and anchoring rods. To include halyard, cleat, flag attachments, revolving truck and finial
- D. Flags:
 - 1. Cotton or nylon American flag with sewn stripes and embroidered stars. Size proportionate to length of pole as provided by manufacturer.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Install flagpole in accordance with final shop drawings, manufacturer's data and detailed instructions.
- B. Excavation: Excavate for foundation concrete to neat clean lines. Provide forms where required due to unstable soil conditions. Remove rubbish from excavation and moisten before placing concrete.
- C. Concrete: Provide concrete composed of Portland cement, coarse aggregate, fine aggregate and water, mixed in proportions to attain 28-day compressive strength of at least 3000 PSI. Compact concrete in place by use of vibrators to consolidate. Moisten-cure exposed concrete for at least 7 days, or use non-staining curing compound in freezing weather. Finish trowel

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exposed concrete surfaces to smooth, dense, surface. Provide positive slope for water runoff to base perimeter.

- D. Flagpole installation: Install flagpole as indicated and in compliance with final shop drawings and manufacturer's instructions. Touch up nicks with paint supplied by manufacturer.

END OF SECTION 02905