

PART 1 GENERAL

1.1 REFERENCE

- .1 Comply with the General Conditions of the Contract, Supplementary General Conditions and the requirements of Division 1.

1.2 RELATED WORK SPECIFIED ELSEWHERE

- .1 Site Preparation Section 02100
- .2 Cast in Place Concrete Section 03300
- .3 Miscellaneous Metals Section 05500

1.3 SCOPE OF WORK INCLUDED

- .1 Supply and install Flagpole / Flag.

1.4 SHOP DRAWINGS

- .1 Shop drawings shall be provided prior to fabrication. Include concrete caisson design and mounting information.

PART 2 PRODUCTS

2.1 MATERIALS

- .1 Supply and install where shown on the drawings a cone tapered anodized aluminum flagpole, stationary type as fabricated by John Ewing & Co. Inc. or DAF - Indal Manufacturing.
- .2 Flagpole to Ewing Model or equivalent Indal Model No. TC to the heights listed below of exposed height. Shop fabricate flagpole in one piece for erections. Pole shall have smooth, uninterrupted exterior surface without visible joints or offsets.
- 3. Finish - Clear coat - anodized aluminum
- 4. Furnish flagpole complete with Skyline internal halyard device consisting of revolving stainless finial. Flag attachment arrangement with stainless steel neoprene covered counterweight and flag retaining loop; internal gearless winch arrangement of direct drive type with dogged control stop, pressure band brake and removable hand crank.
Flush mounted access door with full length stainless steel piano hinge, neoprene gasket and flush type keyed

lock assembly, heavy duty stainless steel aircraft control type cable for flag halyard. Internal reinforcing sleeve at access doors periphery. Two white bronze flag snaps. Provide 3 keys ; identify keys.

5. Top: Provide 6" diameter brass ball.
6. Provide steel base anchored into concrete, Ewing type B-7 or Indal tilt anchor (with base collar). Steel shall be hot dipped galvanized after fabrication. Anchor cage shall include lightning spike.
7. Install pole over preset stainless steel anchor bolts furnished to concrete section for casting in. Provide tight fit to eliminate lateral movement.
8. Furnish base assembly for concrete foundation to be installed under concrete Section.

Installation :

1. Supply and install where shown on the drawings a cone tapered anodized aluminum flagpole, stationary type as fabricated by John Ewing & Co. Inc. or DAF - Indal Manufacturing. Engineer sealed shop drawing required indicating design loads, attachment requirements.

South Flag Pole : Supply and install large Canadian Flag

30'-0" Height = Supply and install Flag Pole satin clear anodized aluminum finish c/w mounting base aluminum flashing cone, laquered brass ball top , internal operational fittings to raise flag and mechanical fastening fittings to connect to 24 diam. concrete caisson foundation.

Supply and install all operational hardware

West Mast above Main Entrance Canopy =

16'-0" = Supply and install stand off isolation clamping devices (SS) from new tapered satin clear anodized aluminum finish mast set to receive Weather Vane.

PART 3 EXECUTION

3.1 INSTALLATION

- .1 Place pole on base, plumb and erect with suitable equipment designed to handle pole without scuffing finish.
- .2 Install owner supplied flag and demonstrate operation. Turn keys over to owner.
- .3 Upon completion of work, clean up and remove protection.
- .4 Confirm with Section 05500 the mounting requirements between the structural columns and the pole. Isolate the two metals 2"with stand off bracket.

END OF SECTION