

SECTION 224713 DRINKING FOUNTAINS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. General requirements for drinking fountains
- B. ADA-compliant drinking fountain requirements

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. Fixture Carrier Supports: Section 224200.

1.03 SUBMITTALS

- A. Product Data: Manufacturer's catalog sheets, specifications and installation instructions for each type drinking fountain.
- B. Contract Closeout Submittals:
 - 1. Operation and Maintenance Data: Deliver 2 copies, covering the installed products, to the Director's Representative.

1.04 QUALITY ASSURANCE

- A. Regulatory Requirements:
 - 1. Comply with applicable requirements of FS WW-P-541 unless otherwise specified.
 - 2. Comply with the Federal Safe Water Drinking Act of 1986, and the Federal Lead Contamination Control Act of 1988.
 - 3. Materials and installations designated as handicapped accessible shall conform with the following:
 - a. ANSI A117.1 - Buildings and Facilities - Providing Accessibility and Usability for Physically Handicapped People.
 - b. The Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG), (Appendix A to 28 CFR Part 36).
 - c. The Uniform Federal Accessibility Standards (UFAS), (Appendix A to 41 CFR Part 101-19.6).

PART 2 - PRODUCTS

2.01 DRINKING FOUNTAINS

- A. Type: Wall mounted, factory assembled, complete with trap, shut off valve and wall hanger.
- B. Body: Polished or satin finished stainless steel, 18 gauge or heavier; with rounded corners, anti-splash back, and receptor contoured to eliminate splashing.
- C. Features: Self closing supply valve, automatic stream regulator, two stream mound building projector and removable brass strainer plate.
 - 1. All exposed brass trim polished and chrome plated.
- D. Selections: Refer to Contract Documents for Manufacturer and Model Number.

1. Approved Manufacturers:
 - a. Elkay, Murdock, Haws, Halsey Taylor, Oasis
- E. Operators: Front push bar or push bar on each side.
 1. Maximum Activation Force: 5 ft lbs.
- F. Projector Clearance: Projector to back wall distance must be 12 inches or greater.
- G. Fixture Hanger: Steel, designed to mount fixture to fixture support, as furnished by drinking fountain manufacturer. See Section 224200.
- H. Selections: Refer to Contract Documents for Manufacturer and Model Number.

2.02 FASTENERS

- A. Vandal Resistant Fasteners: Torx head with center pin.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Install the Work of this section in accordance with the manufacturer's printed installation instructions.
- B. Standard Fixture Mounting Height (unless otherwise indicated on the Drawings): Distance finished floor to rim.
 1. Adult Usage: 40 inches.
 2. Child Usage: 29 inches.
- C. Handicapped Accessible Fixture Mounting Height: Maximum distance finished floor to spout outlet.
 1. Handicapped Accessible Usage: 36 inches.

3.02 CLEANING, FLUSHING AND ADJUSTMENT

- A. Clean and polish fixture and trim.
- B. Flush piping; clean strainers and trap.
- C. Adjust for proper delivery.

END OF SECTION 224713