

## Section 10450 Pedestrian Control Devices

### PART ONE - GENERAL

#### 1.01 Submittal

Shop Drawings: Drawings showing individual turnstile construction, overall dimensions for installation, and installation details including materials, trim and accessories.

#### 1.02 Product Handling

Store turnstiles in a dry well ventilated place in the original crating and protective wrappings and protect all finishes from damage during handling.

### PART TWO - PRODUCTS

#### 2.01 Materials

A. The standard of quality shall be full height exit turnstile as manufactured by:

Perey Turnstiles, Inc.  
308 Bishop Ave.  
Bridgeport, CT 06610

#### B. Turnstiles

1. Mechanism: All steel with two ratchets each 1.25" thick hardened steel. Two locking pawls also 1.25" thick steel hardened. All mechanical re-locking controls of hardened steel. Heavy-duty solenoids with 620% pull-in strength above application requirement. All parts are treated for extreme corrosion resistance.
2. Arms: ANSI #304 stainless steel. Square cross section tubing. Wall thickness 0.097".
3. Arm Ends: Spun closed under heat and pressure, for a smooth safe finish.
4. Heel Guards on Bottom Arms of Rotor: ANSI #304 stainless steel. "U" shaped sheet steel channels surrounding the lower arms and extending to the flooring.
5. Rotor and Barrier Vertical Members: ANSI #304 stainless steel. 0.25" thick angles. Arms are pinned into rotor with malleable iron clamps. Non-welded construction.
6. Passageway Members: ANSI #304 stainless steel. Three "U" channels, wall thickness 0.097" supporting 4' high 0.048" thick sheet with 7 bands of 0.38".
7. Ceiling: ANSI #304 stainless steel. Fully round ceiling of 0.119" reinforced with 0.375" steel angles.
8. Model: Impenetrable Type "AA" Ful-Stride Stainless Steel Roto-Gate.

#### C. Finish

The ANSI #304 stainless steel and have a smooth and uniform #4 brushed finish. No exposed welds or welding discoloration shall be acceptable. The parts shall be shipped with protective wrapping where appropriate.

#### D. Fabrication

Turnstiles shall be fabricated entirely from ANSI #304 Stainless Steel, machined cast iron and hardened steel. No plastic or aluminum bearings, cams or other parts shall be accepted. Welded on arms or arms in hollow tube rotors shall not be accepted.

### PART THREE - EXECUTION

#### 3.01 Installation

A. Install turnstiles in accordance with manufacturer's instructions and in locations in accordance with manufacturer's instructions and architectural drawings. Insure a smooth, level and rigid surface.

B. Use at least eighteen expansion anchors per turnstile of sufficient length to insure minimum safe penetration of slab.

### PART FOUR - WARRANTY

#### 4.01

All parts and materials shall be structurally sound and free from defects in materials and workmanship under high traffic use and service for a period of five years from date of shipment.

#### 4.02

Spare parts availability shall be for a period of not less than thirty years from the date of shipment. Parts shall be continuously available at the factory for same day delivery seven days per week. Manufacturer may change and improve design and processes but shall maintain parts interchange ability with equipment at site for this same period. Factory service personnel shall be available for site work without travel charges.