

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. Furnish full height exit turnstiles as manufactured by:

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

B. Turnstiles

1. Mechanism: Over-running clutch design. Drill rod steel rollers. Hardened inner clutch ring and keyway. Hardened steel star gear. Steel bearings and 2" thick flame-cut and hardened steel housing.
2. Arms: 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: Steel "U" shaped channels surrounding the lower arms and extending to the flooring.
5. Rotor and Barrier Vertical Members: Steel 0.25" thick angles. Arms are pinned into rotor with malleable iron clamps. Non-welded construction.
6. Passageway Members: Three steel "U" channels, wall thickness 0.097" supporting 4' high 0.048" thick sheet with 7 bands of 0.38" steel.
7. Ceiling: Fully round steel ceiling of 0.119" steel reinforced with 0.375" steel angles.
8. Model: Type "AA" Ful-Stride Roto-Gate

C. Finish

Powder coated with Marine Grade powder.

D. Fabrication

1. Turnstiles shall be fabricated entirely from machined cast iron, steel. No plastic or aluminum bearings, cams or other parts shall be accepted. No ball races or other sealed bearings shall 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 two year 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.