

Architectural Specification

Section 11 14 00 – Pedestrian Control Equipment (Gates/Turnstiles)

PART 1- GENERAL

1.01 SECTION INCLUDES

- A. Manufacturer's descriptive literature for HTG-M Full Height Gate including components and accessories. See product brochure.
- B. Shop drawings submitted upon request

1.02 RELATED SECTIONS

- A. 10450 – Pedestrian Control Devices
- B. Section 08400 - Entrances and Storefronts

1.03 Quality Assurance

- A. Manufacturer shall be a company specializing in the supply of security turnstiles with a minimum of 10 years' experience

1.04 SUBMITTALS

- A. Manufacturer's descriptive literature for equipment specified including components and accessories. See product brochure.
- B. Shop drawings submitted upon request.
- C. Manufacturer's instructions for assembly and installation.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Store products of this section in manufacturer's unopened packaging until installation.
- B. Store off ground, under cover, protected from weather and construction activities

1.06 Project Site Conditions

- A. Install the HTG-M on a level concrete pad and secure both sides to adjacent wall, turnstile, fencing or other anchored structure.

1.07 WARRANTY

- A. Hayward Turnstiles warrants its products against defects in material and workmanship for a period of one (1) year from the date of invoicing. The warranty covers defects in materials and workmanship and does not cover freight, labor, or incidental costs. Obtain full warranty terms from Hayward Turnstiles.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. Acceptable Manufacturer:
Hayward Turnstiles Inc.
160-A Wampus Lane, Milford, CT USA 06460
Phone: 203-644-9144 Fax: 203-200-7866 Email: sales@haywardts.com
www.haywardturnstiles.com

2.02 PRODUCT

- A. **HTG-M Full Height Security Gate:** no substitutions. Features of this gate shall include an entrance pull handle, keyed entrance, exit panic bar, monitored 24vdc electronic latch, infill mesh, heavy duty self closing hinge and a 36" passageway.
- B. **Dimensions:** Height 89"
Width 41"
Depth 8" (floor plate)
Passageway: 36"

2.03 CONSTRUCTION

- A. **Gate:** The HTG-M Full Height Security Gate is a fully welded assembly consisting of .083 wall steel tubing and expanded metal mesh infill.
- B. **Infill Mesh:** Gate infill should be constructed of heavy gauge tight weave mesh.
- C. **Gate Frame:** Gate frame is constructed of fully welded 2" square .083 wall steel tubing.
- D. **Self-Closing Hinge:** Heavy duty, tamperproof, self-closing hinge w/ adjustable closing speed.

2.04 EQUIPMENT

- A. **General:** The gate shall provide electronic controlled passage in one direction
- B. **Electric Locking Mechanism:** UL approved electronic monitored latch. Voltage: 24VDC, Current Draw: 170 mA. Fail Secure (lock on loss of power) is default. Can be configured to unlock on power loss (Fail Safe). Connects to access control system (not supplied). Bolt & latch state can be monitored if desired. (Note: latch can also be used without power. Must be fail secure configuration, key entrance, panic bar exit)
- C. **Exit Device:** Full length panic bar. Depressing the panic bar will unlock gate for egress regardless of latch state.

2.05 FACTORY TESTING

- A. Product shall be tested at the factory prior to shipment
- B. Inspect product finishes and touch up prior to shipment

2.06 FINISH

- A. **Hot-Dip Galvanized:** All exterior components are to be hot-dip galvanized

and/or

- B. **Powder Coat:** All exterior components are to be painted in a powder coat color specified by the project requirements

2.07 AVAILABLE OPTIONS

- A. **Card Reader Mounting Plate:** allows for mounting of reader devices directly to gate frame.
- B. **Panic Bar Alarm:** 85db alarm that sounds gate if panic bar is depressed.
- C. **Reach Prevention Infill Panels:** Heavy gauge tight weave mesh infill panels that protect against reach through activation of panic bar. Available in 16" Perpendicular and 24" Parallel. Finish to match gate.
- D. **Kickplate:** Steel kickplate can be added to both sides of gate.
- E. **Additional Options Available Upon Request**

PART 3 EXECUTION

3.01 SITE EXAMINATION

- A. **Inspection:** Installer must examine the installation location and advise the Contractor of any site conditions inconsistent with proper installation of the product. Gate must be installed on a level concrete pad.
- B. **Installation:** Install gates in accordance with manufacturer's instructions.
- C. **Adjustment:** Installer shall adjust gates for proper performance after installation.

Note: this specification includes recommended options. Hayward Turnstiles, Inc. reserves the right to change this specification at any time without notice.