

Architectural Specification

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

PART 1- GENERAL

1.01 SECTION INCLUDES

A. Manufacturer's descriptive literature for HTSG Full Height Security 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 HTSG 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: 203-644-9147 Fax: 203-200-7866 Email: sales@haywardts.com

www.haywardturnstiles.com

2.02 PRODUCT

A. **HTSG Full Height Security Gate:** no substitutions. Features of this gate shall include an entrance pull handle, keyed entrance, rim exit device, infill mesh, heavy duty hydraulic closer, electric strike and a 38" passageway.

B. **Dimensions:** Height 100" (includes barbed wire climbover protection)

Width 44"

Depth 3"

Passageway: 38"

2.03 CONSTRUCTION

A. **Gate Frame:** The HTSG Full Height Security Gate frame is a fully welded assembly consisting of 3" x 3" x 11ga. steel tubing with tensile strength of 50,000 pounds.

B. **Gate:** Interior Gate is a fully welded assembly consisting of 2" x 2" x 11 ga. square tubing with tensile strength of 50,000 pounds.

- C. **Infill Mesh:** Gate infill should be constructed of 3/4" 9-gauge diamond expanded metal infill material with an independent frame of 1" flat steel bracing welded to both faces around the exterior of the expanded metal material.
- D. A security overlap of 1/4" x 4" flat stock shall be welded to the full length of the gate's vertical member that protects the gate's security hardware and prevents tampering, forced entry, and provides a positive stop against over-swing.

2.04 EQUIPMENT

- A. **General:** The gate shall provide electronic controlled passage in one direction
- B. **Electric Locking Mechanism:** Trine electric Strike. Can be configured to unlock on power loss (Fail Safe). Connects to access control system (not supplied).
- C. **LCN Heavy Duty 4040XP Hydraulic Closer:** Heavy duty hydraulic self closing closer.
- D. **Detex V40 Rim Exit Device:** Full length panic bar. Depressing the panic bar will unlock gate for egress regardless of latch state.
- E. **Barbed Wire:** The gate shall have 4 pt class 3.80 galvanized 12 1/2 ga. barbed wire between the uprights overtop gate frame

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

or

- C. **304 Stainless Steel:** All exterior components are to be 304 Stainless Steel

2.07 AVAILABLE OPTIONS

- A. **Card Reader Mounting Plate:** Allows for mounting of reader devices directly to gate frame.
- B. **Kick Plate:** Steel kickplate can be added to interior side of gate
- C. **HTSG HD Gate Operator Option #1:** LCN 4820 pneumatically powered gate operator
- D. **HTSG HD Gate Operator Option #1:** LCN 9142 Electromechanical Operator. When gate is manually opened past five degrees, operator holds the gate open for 1-30 seconds depending on time delay.
- E. **Mag Lock Option #1:** 600 lb. mag lock welded into gate
- F. **Mag Lock Option #2:** 1500 lb. mag lock welded into gate/located on top
- G. **Padlock:** Padlock configuration integrated to accept 9/16" shackle (padlock not included)
- H. **Stainless Pull Handle:** Upgrade standard aluminum pull handle to stainless steel
- I. **Stainless Shield:** Upgrade standard aluminum protective shield to stainless steel
- J. **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.