

## Architectural Specification

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

#### PART 1- GENERAL

##### 1.01 SECTION INCLUDES

- A. Manufacturer's descriptive literature for SG100 ADA 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 SG100 on a solid, level floor

##### 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: 203-647-9147 Fax: 203-200-7866 Email: sales@haywardts.com  
[www.haywardturnstiles.com](http://www.haywardturnstiles.com)

##### 2.02 PRODUCT

- A. **SG100 ADA Gate:** no substitutions. Features of this gate shall include a 1 way - 100 degree swing, standard 36" clear passage, adjustable hydraulic closer.
- B. **Dimensions:**
  - Height 36"
  - Overall Width 50"
  - Depth (with gate closed) 7"
- C. **Pedestrian Clearance:** 36"

##### 2.03 CONSTRUCTION

- A. **Frame:** The main framework shall be manufactured of 2" diameter 13 gauge 304 stainless steel tubing.
- B. **Hinge Post:** The hinge post shall be manufactured of 2" diameter 11 gauge 304 stainless steel tube and welded to a 1/4" thick, 6" diameter flange plate. Flange plate shall be covered with a decorative brushed stainless steel flange cover. Each flange plate shall have four holes for floor mounting.

- C. **Stop Post:** The stop post shall be manufactured of 2" diameter, 16 gauge 304 stainless steel and welded to a 1/4" thick, 6" diameter flange plate. Flange plate shall be covered with a decorative brushed stainless steel flange cover. Each flange plate shall have four holes for floor mounting.

#### **2.04 EQUIPMENT**

- A. **SG100 ADA Gate** utilizes a hidden hydraulic closer giving the gate a clean look. The closing speed is adjustable via a small access hole.

#### **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. **Gate:** Gate components shall be made of 304 stainless steel with a brushed #4 finish.

#### **2.07 Available Options:** SG100 ADA gates are available in either left-hand or right-hand configurations.

- A. **Electromagnetic Lock:** This option includes a 24 VDC electromagnetic lock with 650 ft/lbs. of holding force (24 VDC power supply is sold separately). Lock is mounted cleanly in a 2" diameter, 16 gauge 304 stainless steel tube and welded to a 1/4" thick, 6" diameter flange plate. Flange plate shall be covered with a decorative brushed stainless steel flange cover. Each flange plate shall have four holes for floor mounting.
- B. **Timed Push Button:** Enclosed push button with an adjustable (1 sec-60 min) timer (maglock required)
- C. **Momentary Push Button:** Gate remains unlocked as long as button is depressed (maglock required)
- D. **Plastic Sign Insert:** Constructed with stainless steel mounts, enabling owner to mount a sign to the gate
- E. **Logos/Signs/Decals:** Variety of logos/signs available for inserting into sign mount for display
- F. **Custom Sizes:** SG100 gates are available in any width up to 60" clear passage. Anything under 32" clear passage is not ADA compliant.

#### **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 solid, level floor
- B. **Installation:** Install gates in accordance with manufacturer's instructions and according to local codes
- 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.**