

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. This section covers the furnishing and installation of a PMG-03-01-10 Pedestrian pre-hung Gate with 50" rough opening, (42" clear opening)
- B. For further information, call the factory at 866-300-1110 and ask for the technical support department; or e-mail service@wallaceintl.com .

1.02 RELATED SECTIONS

- A. Section 08400 - Entrances and Storefronts
- B. Section 08710 - Door Hardware
- C. Section 16123 - Electrical Supply and Termination
- D. Section () - Security System

1.03 QUALITY ASSURANCE

- A. Manufacturer shall be a company specializing in the supply of security gates with a minimum of 10 years' experience.
- B. Installer shall have a minimum of one year experience installing similar equipment, or shall supply a factory representative during installation of the product.

1.04 SUBMITTALS

- A. Submit manufacturer's descriptive literature for specified equipment, including options.
- B. Provide dimensional layout, installation instructions, electrical and communication connections and anchoring instructions.
- C. Provide shop drawings, if required.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to job site in manufacturer's packaging undamaged, complete with installation instructions.
- B. Store off ground, under cover, protected from weather, construction activities and debris.
- C. Use forklift and pallet jack equipment as required for moving.

1.06 PROJECT/SITE CONDITIONS

Install the Pedestrian Pre-Hung Gate on a level concrete pad (sidewalk).

1.07 WARRANTY

Wallace International 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, labour or incidental costs. Obtain full warranty terms from Wallace International

PART 2 PRODUCTS

2.01 MANUFACTURER

Wallace International 90 Lowson Crescent, Winnipeg, Manitoba R3P 2H8.

2.02 PRODUCT

PMG-03-01-10 Pedestrian pre-hung Gate, no substitutions. Features of the gate shall include: key lock control with stainless steel pull handle in the entry direction; mechanical push bar exit control; gate to include mesh infill and hydraulic closing mechanism.

2.03 CONSTRUCTION

A. Gate:

1. The Gate is a fully welded assembly consisting of 2" square vertical and horizontal structural steel tubing.

B. Gate Frame:

1. The Gate Frame is a fully welded assembly consisting of 2" square vertical and horizontal structural steel tubing. The frame includes two welded ½" thick base plates for mounting to a concrete pad (sidewalk).

C. Infill:

1. Omega Secur welded wire infill panels (standard) are fabricated from heavy-duty steel wire, (2 x 0-Ga. horizontal and 1 x 4-Ga. vertical) welded at each intersection into a solid one-piece mesh. Infill panels are welded to the upper and lower sections at all wire locations vertically and horizontally.
2. Vertical pickets, 1 ½" x 1 ½" x 1/8" structural steel angle, oriented at 45° and evenly spaced at 4 ½" on center and welded into the upper and lower sections of door panel.

D. Hydraulic Closure:

1. The hydraulic gate closure mechanism is to be outdoor rated, and of a strength to close the weight of the given size of gate.

2.04 EQUIPMENT

- #### A. General: The gate shall have the ability to provide free passage in both directions; free passage in one direction and controlled passage in the opposite direction; or controlled passage in both directions.

B. Mechanical Operation:

1. Electric Strike: Power (low voltage 12VDC) is supplied to the lock to release the mechanism, allowing the gate to open. Power is then interrupted to allow the strike to revert to the locked position.
2. Magnetic Lock: As long as power (low voltage 12VDC) is supplied, the latch plate (mounted to the gate) is held against the magnetic lock (mounted on the gate frame). When power is interrupted, the latch plate releases from the magnetic lock, allowing passage.
3. Detention Grade Lock: Remote switch activates a solenoid which raises an internal bolt enabling the gate to be opened. Once gate panel is closed the lock automatically deadbolts. In the event of power failure the locking bolt can be retracted manually by use of a paracentric key, and will remain open until the key is returned to the locked position.

2.05 FACTORY TESTING

- A. Product shall be fully tested at the factory prior to shipment.
- B. Check all mechanical connections.
- C. Check all electrical connections.
- D. Inspect product finish. Touch up prior to shipment.

2.06 SECURITY EQUIPMENT

- A. Reader or Activation Device Integration: Card readers or activation devices are to be installed in the field by installer on the card reader mounting plates provided by the manufacturer. Readers and installation are not part of the product.

2.07 FINISH

- A. Hot Dipped Galvanized: All exterior components are to be hot dipped galvanized to ASTM Standard A 123/A 123M-02.

OR

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

2.08 OTHER AVAILABLE OPTIONS

- A. Magnetic Door Status Switch: When magnetic contacts are broken, output sign indicates that door is open.

PART 3 EXECUTION

3.1 INSTALLATION

- .1 Provision of concrete foundations as determined by local engineer according to drawings provided.
- .2 Install high-speed security gate to manufacturer's written instructions.

3.2 CLEANING AND MAINTENANCE

- .1 Perform cleaning and maintenance procedures in strict accordance with manufacturer's written instructions.
- .2 Maintain logbook of repairs and maintenance.

END OF SECTION