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**SECTION 11 12 33 – PARKING GATES**

GENERAL

SUBMITTALS

Action Submittals:

Product Data: Manufacturer’s descriptive data and product attributes.

Closeout Submittals:

Operation and Maintenance Data.

QUALITY ASSURANCE

Installer Qualifications: Firm specializing in work of this Section, with minimum [2] [\_\_] years’ experience.

WARRANTY

Manufacturer’s warranties against material and manufacturing defects:

* + - 1. Cabinet: 10 years.
      2. Electrical and mechanical components: 2 years.

PRODUCTS

MANUFACTURERS

Contract Documents are based on products by LiftMaster. [www.LiftMaster.com](http://www.liftmaster.com)

Substitutions: [Refer to Division 01.] [Not permitted.]

MANUFACTURED UNITS

Parking Gates:

Model: MA.

Operation: Gear reduced.

Meet UL 325.

Rated duty cycle: Maximum 6000 per day.

Opening speed: 2.5 seconds.

Battery backup capable.

Barrier arm: Aluminum, LED type.

Motor: 24 VDC, continuous duty, prewired, listed by Underwriters Laboratories.

Controls: Sequenced access management system.

* + - 1. [Red/white stripe 10 foot aluminum articulating arm.] [Red/white 12 foot aluminum LED arm.] [Red/white stripe aluminum 15 foot arm.] [Red/white aluminum 17 foot LED arm.] [Red/white stripe 17 foot aluminum arm.] [Red/white stripe 9 foot PVC articulating arm.]
      2. Clutch.
      3. Retro reflective photo eye.

Security+2.0 radio receiver: Accept Security+ 2.0 rolling code technology remote controls and binary DIP switch.

* + - 1. Red/green traffic light.
      2. Low power loop detector.
      3. High-capacity connected access portal.
      4. Two door connected access portal.

EXECUTION

INSTALLATION

Install in accordance with manufacturer’s instructions.

CLOSEOUT ACTIVITIES

Test and adjust operators for proper operation.

Demonstration: Demonstrate operation and programming of operators to Owner.

END OF SECTION