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## SECTION 11 12 33 – PARKING GATES

### PART 1 GENERAL

#### 1.1 SUBMITTALS

- A. Action Submittals:
  - 1. Product Data: Manufacturer's descriptive data and product attributes.
- B. Closeout Submittals:
  - 1. Operation and Maintenance Data.

#### 1.2 QUALITY ASSURANCE

- A. Installer Qualifications: Firm specializing in work of this Section, with minimum [2] [ ] years' experience.

#### 1.3 WARRANTY

- A. Manufacturer's warranties against material and manufacturing defects:
  - 1. Cabinet: 10 years.
  - 2. Electrical and mechanical components: 2 years.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Contract Documents are based on products by LiftMaster. [www.LiftMaster.com](http://www.LiftMaster.com)
- B. Substitutions: [Refer to Division 01.] [Not permitted.]

#### 2.2 MANUFACTURED UNITS

- A. Parking Gates:
  - 1. Model: MA.
  - 2. Operation: Gear reduced.
  - 3. Meet UL 325.
  - 4. Rated duty cycle: Maximum 6000 per day.
  - 5. Opening speed: 2.5 seconds.
  - 6. Battery backup: Maximum 900 cycles.
  - 7. Barrier arm: Aluminum, LED type.
  - 8. Motor: 24 VDC, continuous duty, prewired, listed by Underwriters Laboratories.
  - 9. Controls: Sequenced access management system.
  - 10. [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.]
  - 11. Clutch.
  - 12. Retro reflective photo eye.
  - 13. [One button DIP remote control.] [Three button DIP remote control.] [Two button rolling code Security+ 2.0 remote control.] [Four button rolling code Security+ 2.0 remote control.]
  - 14. Red/green traffic light.

15. Low power loop detector.
16. Commercial access control receiver.
17. High-capacity connected access portal.
18. Two door connected access portal.

### **PART 3 EXECUTION**

#### **3.1 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.

#### **3.2 CLOSEOUT ACTIVITIES**

- A. Test and adjust operators for proper operation.
- B. Demonstration: Demonstrate operation and programming of operators to Owner.

END OF SECTION