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**SECTION 28 10 00 – ACCESS CONTROL**

 GENERAL

 ADMINISTRATIVE REQUIREMENTS

 Pre-Installation Conference:

 Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] installer, and related trades.

 Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

 SUBMITTALS

 Action Submittals:

 Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.

 Product Data: Manufacturer’s descriptive data and product attributes for metal panels and underlayment.

 Samples: [Selection samples.] [Verification samples.]

 Informational Submittals:

 Certificate of Compliance: Certification that installed products meet specified design and performance requirements.

 Closeout Submittals:

 Operation and Maintenance Data.

 QUALITY ASSURANCE

 [Fabricator] [Installer] Qualifications: Minimum [2] [\_\_] years’ experience in work of this Section.

 WARRANTY

 Manufacturer’s 2 year warranty for telephone entry/access and perimeter control system.

 PRODUCTS

 MANUFACTURERS

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

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

 COMPONENTS – ACCESS CONTROL SYSTEM

 Single Entry Access Keypad and Proximity Reader:

 Model: KPR2000 Single Entry Access Control Keypad and Proximity Reader.

 Proximity Card Reader: HID 26-bit and 30-bit Wiegand format.

 Control access for up to 2000 users.

 Accessories:

* + - * 1. Low-profile access pedestal.
				2. High-profile access pedestal.
				3. Trim plate kit.
				4. Power supply; 12 VDC.
				5. Passport receiver.
				6. Passport remote control: Passport [Lite 1-button transmitter.] [Lite 1-button keychain transmitter.] [Lite 1-button keychain with prox coil.] [MAX 3-button visor transmitter.] [MAX 3-button keychain transmitter.] [MAX 3-button keychain with prox coil.]
				7. HID 26-bit proximity cards: Quantity [\_\_].
				8. HID 26-bit key fobs: Quantity [\_\_].

 EXECUTION

 INSTALLATION

 Install in accordance with manufacturer’s instructions and approved Shop Drawings.

 CLOSEOUT ACTIVITIES

 Demonstration: Demonstrate system operation to Owner.

 MAINTENANCE

 Maintenance Service: Furnish service and maintenance of access control systems for period of 3 months after date of Substantial Completion.

 END OF SECTION