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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.]

 TELEPHONE ENTRY CONTROL SYSTEM

 Commercial and Multi-Dwelling Unit Cloud Based Access Control/Telephone Entry System:

 Model: CAPXM Smart Video Intercom -M.

 Local user capacity: 50,000.

 Touch screen operation with USB integrated video camera.

* + - 1. Two primary relays and two auxiliary relays

 Compatible with myQ Community.

 Internet connection: [High-speed CAT 5/6 IEEE 802.] [Wi-Fi IEEE 802.].

 Accessories:

* + - * 1. Mounting: [42] [64] inch high pedestal.
				2. CAP2D smart access two door controller.
				3. Back box and trim kit for flush mounting.
				4. Trim ring for back box and trim kit.
				5. Mini mullion reader.
				6. External keypad.
				7. Radio antenna extension kit.
				8. Wi-Fi antenna extension kit.
				9. Passport remote controls: Passport [Lite 1-button visor 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.]
				10. User application: myQ Community.

 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