

MERIDIAN MEDICAL PLAZA - PHASE 1

SECTION 28 13 00 - ACCESS CONTROL SYSTEM

SEEDED TEST SPECIFICATION - This document was produced by Kryos Security Group for demonstration of SpecSentry automated review. It intentionally contains common security design errors. Not for construction.

PART 1 - GENERAL

1.1 SUMMARY: Furnish and install a complete access control system (ACS) including card readers, controllers, electrified door hardware interfaces, and head-end software for the Meridian Medical Plaza, comprising 46 controlled openings across four levels.

1.2 RELATED SECTIONS: Section 08 71 00 Door Hardware; Section 28 23 00 Video Surveillance; Section 14 21 00 Electric Traction Elevators.

1.3 SUBMITTALS: Product data for all devices. Shop drawings showing device locations. Riser diagram showing all controllers and field devices.

PART 2 - PRODUCTS

2.1 CARD READERS: Readers shall be multi-technology smart card readers. Reader communication to controllers shall be via Wiegand protocol utilizing 6-conductor composite cable. Readers shall be mounted at 52" AFF to centerline as indicated on the mounting detail.

2.2 CONTROLLERS: Intelligent controllers shall each support eight (8) card reader controlled openings. Provide controllers as required for 46 controlled openings. Controllers shall communicate with the head end via TCP/IP. Reader communication shall comply with OSDP v2 where indicated in the controller schedule.

2.3 ELECTRIFIED HARDWARE: Openings 201 through 208 shall receive electrified panic hardware with latch retraction. Stairwell doors ST-1 and ST-2 shall be secured with 1200-lb magnetic locks. Doors 112 and 118 shall be equipped with delayed egress locking hardware per the door schedule.

2.4 POWER SUPPLIES: Provide 12VDC, 4-amp power supplies for lock power, one per level, located in the telecom rooms.

2.5 ELEVATOR CONTROL: Card readers shall be provided in each elevator cab for floor-select access control, coordinated with the elevator contractor.

2.6 VIDEO INTEGRATION: All cameras under Section 28 23 00 shall be PoE powered from the network switches in each IDF. Exterior cameras shall be provided at the parking structure parapet and loading dock.

PART 3 - EXECUTION

3.1 INSTALLATION: Install all equipment per manufacturer instructions. All door-monitoring points shall report to the head end. Coordinate all rough-in locations with architectural elevations prior to installation.

3.2 PROGRAMMING: Configure cardholder database, access levels, schedules, and holiday sets as directed by the Owner.

3.3 ACCEPTANCE TESTING: Demonstrate each opening's operation to the Owner's representative, including door-forced and door-held conditions at every monitored opening.

END OF SECTION 28 13 00