1. **GENERAL – For UGA Athens Campus Only**
   A. **Related Sections:**
      i. 08 71 00 Door Hardware
   B. All new access control systems are required to be part of the Andover Controls, Andover Continuum system (ACS). The UGA has sole source approval for this access control system and no substitutions are allowed.
   C. The access control system consists of card readers, intrusion detection sensors, and electric door hardware that are connected to an ACS field panel. The field panel is typically located in a building telecom room. The Andover panel is connected to an existing server over the UGA network. This typical requires a direction connection between the Andover field panel and a campus network switch.
   D. The ACS is interfaced with the *campus* Human Resources database. Students, faculty, and staff can obtain UGA identification cards that shall serve as an access control credential. These cards can have electronic information embedded and can be used as swipe cards or proximity field cards interfaced with the ACS.
   E. **Server / Database Programming:** The UGA contracts with a third party vendor to update, program, and maintain the access control software and server / database. To maintain security and accuracy, only this vendor is allowed access to the server / database for programming information related to new or renovated ACS.
      i. The ACS general building security system file server is located at the Boyd Graduate Studies Server Room.
      ii. The UGA current vendor is Operational Security Systems, Inc.
      iii. Any ACS database programming required as part of a new construction or modifications to an existing building with ACS, are required to be performed by the UGA current vendor.
      iv. Unless they are the UGA current vendor, the subcontractor that installs or modifies ACS in a building is not authorized to make the associated database programming changes.
      v. The Contractor shall include in their Bid or Cost of the Work the cost for the Contractor to retain the services of the UGA current vendor and for the UGA current vendor to perform all required server / database programming to make the new facility or renovation ACS fully operational. **The Contractor must contract directly with the UGA current vendor.** The Contractor is not allowed to have an ACS installation subcontractor contract with the UGA current vendor for the server / database programming.
   F. Any Work on a new or renovated ACS must be by a certified Andover Control system subcontractor that has been in business for at least three years.

2. **PRODUCTS**
   A. Magnetic locking systems are generally discouraged but may be aesthetically appropriate for some historic facilities.
   B. Magnetic locking systems that require a “Push to Exit” button are not allowed.
   C. Biometric-based access control devices may be required. Coordination with UGA is required.
1. GENERAL
   A. In general, a fire alarm riser diagram is a minimum requirement showing the type of smoke detectors in each floor and each room, locations of smoke detectors in the HVAC system, pull stations, horns, strobe lights and control panel(s). A performance specification shall accompany the riser diagram, describing the control panel make-up, features and construction, the zoning requirements, HVAC and elevator (if any) and door holders (if any) interlock descriptions.
   B. All fire alarm cable and/or fire alarm conduit shall be red in color. Fire alarm cable is not required to be in conduit unless specifically required by codes (for example, for a smoke evacuation system). Fire alarm cable not in a conduit shall be plenum rated.

2. PRODUCTS
   A. Acceptable manufactures are:
      i. Gamewell FCI (Fire Control Instruments)
      ii. Notifier
      iii. Silent Knight