1.1 Scope of work
   A. Walk existing campus exterior openings and document cylinders required to upgrade to existing Sargent Degree key system.
   B. Provide rim or mortise cylinders to operate exiting exit devices and locks.
   C. Provide a detailed list of cylinders required for each campus.

1.2 CYLINDERS AND KEYING
   A. General: Cylinder manufacturer to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.
   B. Source Limitations: Obtain each type of keyed cylinder and keys from the same source manufacturer as locksets and exit devices, unless otherwise indicated.
   C. Cylinder Types: Original manufacturer cylinders able to supply the following cylinder formats and types:
      1. Threaded mortise cylinders with rings and cams to suit hardware application.
      2. Rim cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
      3. Bored or cylindrical lock cylinders with tailpieces as required to suit locks.
      4. Tubular deadlocks and other auxiliary locks.
      5. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
   D. Patented Cylinders: ANSI/BHMA A156.5, Grade 1 Certified Products Directory (CPD) listed cylinders employing a utility patented and restricted keyway requiring the use of a patented key. Cylinders are to be protected from unauthorized manufacture and distribution by manufacturer’s United States patents.
      1. Patented key systems shall not be established with products that have an expired patent. Expired systems shall only be specified and supplied to support existing systems.
      2. Manufacturers:
         a. Sargent (SA) - Degree DG1.
   E. Keying System: Each type of lock and cylinders to be factory keyed.
      1. Supplier shall conduct a "Keying Conference" to define and document keying system instructions and requirements.
      2. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
      3. New System: Key locks to a new key system as directed by the Owner.
   F. Key Quantity: Provide the following minimum number of keys:
      1. Change Keys per Cylinder: Two (2)
      2. Master Keys (per Master Key Level/Group): Five (5).