

# PATENTED SMALL FORMAT IC SPECIFICATIONS

## 2.04 CYLINDERS, KEYING SYSTEMS AND KEY CONTROL

- A. Meet with Architect and Owner to finalize keying requirements and obtain keying instructions in writing as outlined in Division 1. Provide locks, cylinders and cores with restricted keyways.
- B. Provide temporary, disposable plastic cores or temporary, keyed alike "A" keyway cores and keys during construction period for exterior and interior locks. Temporary construction cores and operating keys shall not be part of the permanent keying system or furnished on the same keyway as the permanent keying system. Owner shall remove and replace temporary construction cores with specified permanent cores and keys and return temporary construction cores to hardware supplier.
- C. Permanent cores shall be keyed by Schlage Lock Company, or by approved Schlage Authorized Service Center, combined in sets or subsets, master keyed or great grand master keyed, as directed by Architect and Owner. Permanent keys and cores shall be stamped with the applicable code number for identification. These codes will not include the actual bitting (key cuts). Key and core identification stamping to be approved by Architect and Owner. Failure to properly comply with these requirements may be cause to require replacement of all or any part of the cylinders and keys involved as deemed necessary at no additional cost to the Owner.
- D. All permanent system keys shall be protected from unauthorized manufacture/duplication by one or more U.S. utility patents at a minimum into July 2014. Keys shall be marked with at least one applicable patent number. Provide manufacturer's embossed or plain bow keys made of nickel silver to ensure maximum durability. All key sections shall be compatible for cutting on a key bitting punch, as well as rotary cutter key machines.  
Key Quantity: Furnish keys in the following quantities:  
    25 each Temporary construction operating keys.  
    2 each Temporary construction control keys.  
    6 each Master keys per master group.  
    3 each Change keys per cylinder.  
    2 each Control keys.  
    2 each Key blanks per cylinder.
- E. Equip locks and cylinders with patent protected, small format interchangeable cores with nickel silver check pin to check for patented feature on keys. Provide a minimum of seven pins for master keying, with nickel silver bottom pins. Keyway(s) must allow for multiplex master keying. Combine cores to Owner's instructions.
- F. Supplier shall furnish a key control system capable of tracking all keys issued, complete with indexed door numbers, key codes, bittings, building numbers, room numbers, and lock function, design and finish. In addition, include model numbers, handing, design and functions of exit devices and door closers.
- G. Provide a key control system including envelopes, labels, tags with self-locking key clips, receipt forms, 3 way visible card index, temporary markers, permanent markers, and standard metal cabinet, all as recommended by system manufacturer, with capacity for 150 percent of the number of locks required for the Project.
- H. Provide complete cross index system set up by hardware supplier or Schlage Authorized Security Center, and place keys on markers and hooks in the cabinet as determined by the final key schedule. Provide hinged panel type cabinet for wall mounting. Provide one each wall mounted key cabinet.
- I. Deliver all permanent key blanks and other security keys direct to Owner's Representative from Schlage Authorized Security Center or factory by secure courier, return receipt requested. Failure to properly comply with these requirements may be cause to require replacement of all or any part of the cylinders and keys involved as deemed necessary, at no additional cost to the Owner.
- J. Available manufacturers: Subject to compliance with requirements, manufacturers offering the products which may be incorporated in the work include:  
    Schlage Lock Company - Everest™ small format interchangeable core 80-037.  
    Schlage Authorized Security Center - Everest small format interchangeable core 80-037.