PART 1 - GENERAL

1.01 This Section includes hardware for doors, except hardware for aluminum entrances, overhead doors, revolving doors, and similar “packaged” door assemblies which is typically specified with the door package.

1.02 All doors will be keyed into Brown’s keying system.

1.03 Construction cores shall be provided during project. Final keying and coordination will be provided by the Owner. Construction cores shall be removed by the Contractor upon turnover to Owner.

1.04 Door hardware shall be coordinated with building security and access control system provider. Hardware package shall be coordinated with access system provider.

1.05 RELATED WORK

A. Section 00100 General Conditions for as-built samples
B. Section 06400 Finish Carpentry
C. Section 08460 Automatic Entrance Doors
D. Section 08740 Electro Mechanical Hardware

PART 2 - PRODUCTS

2.01 FINISH

A. In renovation projects, finish shall match existing.

B. In new construction finish shall be satin bronze US10 unless otherwise specified by a Brown University Project Manager.

2.02 LOCKSETS

A. The following manufacturers of locksets shall be used unless otherwise approved by a Brown University Project Manager:
   ARROW
   LCN
   PRECISION
B. Mortise locksets with an interchangeable core shall be used unless otherwise specified by a Brown University Project Manager.

C. Cylindrical locksets shall not be allowed.

2.03 HINGES

A. The following manufacturers of hinges shall be used unless otherwise approved by a Brown University Project Manager:

   HAGAR  
   RIXON  
   STANLEY

B. Door hinges shall be sized for the specified door and use. Generally, doors and entrances over 90” in height and/or 37” in width and/or 230lbs. in weight will require 4 butts or continuous hinges.

C. Continuous hinges shall be used at entry and high use doors. They shall not be allowed on historic doors.

D. Offset hinges and pivots shall not be allowed unless approved by a Brown University Project Manager.

E. Electric transfer hinges shall not be allowed; instead, VonDuprin Power Transfers or Keedex armored door loops shall be used.

F. Hinges shall be fully mortised ball bearing type.

2.04 UL listed panic exit device and hardware shall be by Precision Hardware Inc., No. 17 or 39LA trim.

2.05 Door closers shall be LCN with a maximum pull of 5 pounds unless otherwise specified by a Brown University Project Manager.

2.06 Concealed vertical and surface rods shall not be allowed. At pairs of doors, removable mullions and rim device shall be used.

2.07 Compression seals and sweeps shall be Pemko or Zero.

2.08 Custom strike plates shall be Accurate Lock & Hardware or approved equal.

2.09 Flushbolts shall be Ives.
2.10 Automatic flushbolts shall not be allowed.

2.11 Kick plates shall be used on all doors in high traffic areas. This does not include dormitory rooms and offices.

2.12 Door stops shall be wall mounted whenever possible.

2.13 Automatic Door Openers refer to Section 08460 Automatic Entrance Doors.

PART 3 - EXECUTION

3.01 Refer to 06400 Finish Carpentry section for installation.

END OF SECTION