SECTION 08 71 00 -- DOOR HARDWARE

1. Design Requirements:
   
a. All doors will be keyed into Brown’s keying system. Construction cores shall be provided during project. Final keying and coordination will be provided by Brown. Construction cores shall be removed by the Contractor upon turnover to Brown.

b. Mortise locksets with a 7-pin, interchangeable, small format core shall be used unless otherwise specified by the Brown project manager.

c. Cylindrical locksets shall only be allowed as approved by the Brown project manager.

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

e. In renovation projects, finish shall match existing. In new construction finish shall be satin bronze US10 or dull chrome US26D unless otherwise specified by the Brown project manager.

f. Only Arrow and Best locksets shall be used unless approved by the Brown Project Manager.

g. Only Hager, Rixson and Stanley hinges shall be used, heavy-duty, institutional-grade. Hinges shall be fully mortised ball bearing type.

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

i. Offset hinges and pivots shall not be allowed unless approved by the Brown project manager.

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

k. UL listed panic exit device and hardware shall be by Precision Hardware Inc., No. 1700 or 4900 trim.

l. Door closers shall be LCN with a maximum pull of 5 pounds unless otherwise specified by the Brown project manager.

m. Concealed vertical and surface rods shall not be allowed, unless approved by the Brown project manager. At pairs of doors, removable vertical Mullions and rim device is preferred.

n. Compression seals and sweeps shall be Pemko or Zero.

o. Custom strike plates shall be as approved by the Brown project manager.

p. Flushbolts shall be Ives.

q. Automatic flushbolts shall not be allowed.

r. Kick plates shall be used on all doors in high traffic areas. This does not include dormitory rooms and offices. Consider cart use and lab traffic. Size shall be approved by the Brown project manager.

s. Door stops shall be floor mounted, or wall mounted with blocking.

END OF SECTION