BU Door Hardware Standards

A. Metal Door Frames
1. Exterior: 14 gage galvanized
2. Interior 16 gage Non-galvanized
3. All welded
4. Reinforce for closers

B. Fire Doors
1. Prefer wood veneered metal rather than all wood due to weight
2. Manufacturers:
   a. Ceco
   b. Curries
   c. Steelcraft

C. Pivot Hinges
1. Applications
   a. All aluminum doors
   b. High frequency use doors
   c. Heavy doors
2. Offset type (not center hung)
3. Cast-in place for heavy doors
4. Manufacturers
   a. Bommer
   b. Hager
   c. McKinney

D. Continuous Hinges
1. Use only in retrofit applications
2. Stainless steel rather than aluminum

E. Cylinders
1. All cylinders to be compatible with Best, 7-pin, small format interchangeable cores

F. Cores & Keying
1. All cores, keying and keys will be provided and installed by the university

G. Mortise Locks
1. Use an all average and frequent use doors
2. Forged escutcheon rather than separate rose and cylinder
3. Manufacturers
   a. Best 45H
   b. Corbin ML2000
   c. Sargent 8200

H. Cylindrical Locks
1. Use on low use doors, if approved by university
2. Free-wheeling lost motion type
3. Manufacturers
   a. Best 9K
   b. Corbin
   c. Sargent

I. Exit Devices
1. High energy
2. Heavy-duty trim
3. Typically NL function
4. Keyed dogging rather than hex
5. Manufacturers
   a. Corbin ED5000
   b. Sargent 80
   c. Von Duprin 98/99

J. Vertical Rods
1. Use only where necessary
   a. Preferred application for double doors is key-removable center mullion with rims on each door leaf
2. Concealed vs. surface" still under review
3. Extra set of rod guides for surface mounted

K. Door Pulls

1. 45 degree offset wire pulls
2. Thru-bolted rather than set screws

L. Closers

1. Adjustable backcheck
2. Specify opening degree
3. Over-head hold opens
4. No delayed action
5. Manufacturers
   a. LCN 4041
   b. Norton 7500
   c. Yale 351

M. Floor Closers

1. Use on oversized and/or heavy doors
2. Manufacturers
   a. Rixson
   b.

N. Operators

1. High-energy vs. low-energy: still under review
2. Hardwired push-buttons
3. Manufacturers
   a. Besam
   b. Horton
   c. Stanley

O. Latch Retraction

1. Power transfer hinges
2. Avoid door loops
3. Manufacturers
   a. Securitron EPT
   b. Von Duprin EPT

P. Miscellaneous

1. Anti-microbial in the following applications:
   a. Health care
   b. Athletics
   c. Food service
   d. Restrooms
2. Do <u>not</u> specify a key cabinet on projects