

FACILITIES STANDARD

NAME: Building Hardware - Hospital
NUMBER: 08701

ORIGINAL DATE: 03-01-96
REVISION DATE: 03-23-98

PURPOSE:

1. The general purpose of each Facilities Standard is to provide minimal criteria for construction materials at University facilities regarding code compliance, warranty, approved products, execution and uniformity.
2. To protect the health and safety of patients, visitors, students, faculty and staff, in addition to protecting non-project UAB property, all construction must be in accordance with: NFPA 241 safeguarding construction, alteration and demolition operations; Standard Building Code, Chapter 33, regarding site work, demolition and construction; NFPA 101 Life Safety Code.
3. Construction safety is the responsibility of the contractor in accordance with the regulations and codes of the agency having jurisdiction, and according to the guidelines adapted by OSHA.
4. The **Building Hardware - Hospital Facilities Standard** establishes a series of guidelines for specifying this particular item on any construction project at the University. ***This Facilities Standard is not to be regarded as a specification.***

GENERAL:

1. Building Hardware shall be in compliance with the following:
 - A. American National Standards Institute (ANSI)
 - B. Americans with Disabilities Act Accessibility Guidelines (ADAAG)
 - C. National Fire Protection Association (NFPA)
 - D. Standard Building Code (SBC)
 - E. Underwriters' Laboratories, Inc. (UL)
2. Warranty shall be one year from date of Substantial Completion.

PRODUCTS:

1. Building Hardware shall conform to the following acceptable manufacturers and product types:
 - A. Closers: Equal to LCN or Norton. Closers may be concealed or surfaced mounted. Parallel arm is preferred.
 - B. Door Stops: Equal to Brookline Industries, Inc., Glynn-Johnson, or H.B. Ives. Door stops may be wall mounted or floor mounted. Convex design for wall mounted door stops shall be used.
 - C. Hinges and Butts: Equal to Hager Hinge Company, McKinney Manufacturing, or Stanley hardware. Hinges and butts may be full mortise or half mortise, 5-knuckled, ball bearing design. Where door swings are 180 degrees or more, pivot hinges may be used. Half mortise hinges must be accompanied with a backing plate. Standard weight hinges and butts shall be installed for doors less than 36" in width. Heavy weight hinges and butts shall be installed for doors more than 36" in width.
 - D. Locksets: Equal to Schlage "D" Series Rhodes. Locksets are to be cylinder type. Locksets must accept a 6 pin cylinder. The Owner will provide all permanent cylinders for the locksets. Contractor must test the cylinders in the hardware to verify that the lockset is functioning properly prior for final acceptance. **All locksets must accept UAB mortise cylinders without modifications to the cam**
 - E. Panic Devices: Equal to Monarch, Rixon-Firemark, or Von Duprin. Panic devices may be the touch bar or cross bar types using the mortise, rim, or vertical rod devices.
 - F. Plates: Equal to Brookline Industries, Inc., or Glynn-Johnson. Plates may be armor, kick, or mop plates. The use of the space shall determine the type of plate that may be necessary.

2. Building Hardware shall conform to the following finishes:
 - A. Bumpers - US26D
 - B. Closers - Sprayed Aluminum
 - C. Exterior Hinges - US32D
 - D. Interior Hinges - US26D
 - E. Locksets - US32D
 - F. Panic Devices - US26D
 - G. Plates - Match existing

Any deviation from these finishes must be approved by the Architect & Facilities Division.

EXECUTION:

1. A template of the units shall be provided for mounting on doors. Prior to acceptance it shall be verified that locksets are functioning correctly with the permanent cylinders.
2. It shall be verified that mounting heights comply with applicable codes and regulations.
3. Door plates are to be used only when necessary due to type of use, or as requested by the Owner.

END OF STANDARD

Prepared by: _____

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