
Revision Date: 07/29/2021

1. **Design Criteria:**

- a. Interior Access doors and hatches for walls, ceilings and floors shall be flush metal doors with concealed frames unless in masonry construction.
- b. The design consultant shall specify access doors to provide necessary access to all mechanical, plumbing, electrical, and fire protection equipment needing maintenance or inspection access. The general contractor shall be responsible for procuring and installing all access doors. Absent a general contractor, the trade installing the equipment that needs access shall provide and install the access doors.
 - i. Equipment that needs access includes valves, junctions, filters, controls and similar locations.
- c. Sizes shall comply with the following:
 - i. Hand and arm reach in only: 12" x 12", min.
 - ii. Upper body reach in: 20" x 20", min.
 - iii. Body pass-through: 30" x 30", min. or as required by concealed space requirements.
- d. Reference Standards:
 - i. NFPA 80 Standard for Fire Doors and Other Opening Protectives
 - ii. NFPA 252 Standard Methods of Fire Tests of Door Assemblies
 - iii. NFPA 288 Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance-Rated Assemblies

2. **Submittals to be reviewed by University:**

- a. Product information on access doors
- b. Location plan showing where access doors will be installed
- c. Locking details for confirmation by UVM Lock Shop that locking meets UVM standards

3. **Products, Materials & Equipment:**

- a. Panels shall be flush steel, primed and ready for finish paint.
- b. Fire rating as required by applicable building codes.
- c. Lock Basis of Design: Best 1E7D4xRPx626. Key to UVM keying system.

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4. **Installation, Fabrication, and Construction:**

- a. Locate at every valve, control, and item needing maintenance. Locations and types shall be reviewed with UVM PPD staff prior to ordering doors.
- b. GC to coordinate barcode labeling to conform with the UVM PPD barcode program.

5. **Warranties:**

- a. Provide manufacturer's standard warranty or 1 year whichever is longer
- b. Provide installer's one-year warranty on installation and craftsmanship.