PHYSICAL FACILITIES
2020 Consultant's Handbook
Division 08 Openings
1000 Doors and Frames

1 Door Sizes
1.1 Only for special purposes can any door be less than 36” in nominal width.
1.2 In custom size openings, one leaf should always be 36”. Odd sized inactive leaves can be used in these situations.
1.3 Double doors are to be 36” leaves in pairs.

2 Doors in Classrooms:
2.1 Classroom doors are to have small vision lights with reflective glass.
Note: Vision lights allow individuals in the corridor to see into a classroom without having to open the door or otherwise being a distraction to those in the room.

3 Laboratory Doors
3.1 At least one door serving each laboratory should be in a larger opening, typically 4’-0”, with a 36” active leaf and a twelve inch inactive leaf to accommodate movement of equipment in and out of the lab.

4 Doors to Stairwells
4.1 Fire rated doors leading from corridors to stairwells should be steel with a painted finish.
4.2 Fire rated doors should be on an electromagnetic hold-open device tied into the building fire alarm system so they close automatically when the smoke detection system for door release service is activated. This will reduce wear and tear on the doors and provide an opportunity to improve air quality in the stairwells.

5 Doors in Animal Facilities
5.1 Specify stainless steel or fiberglass doors in animal facilities.

6 Surface Protection
6.1 Kickplates should be provided on the push side of all doors equipped with closers.
6.2 Oversized push plates should be considered on restroom doors and other high traffic doors without latching hardware.

7 Steel Frames
7.1 Door frames in masonry walls will be grouted full.
7.2 Door frames in the frame walls will be grouted only where necessary for acoustical control.

8 Exterior Doors
8.1 Metal frames shall be thermally broken.
8.2 Air leakage (maximum): 1.0 cfm/sf for swinging doors

9 Loading Dock Doors
9.1 Loading dock doors shall be equipped with weatherseals to restrict outside air infiltration while vehicles are parked in the doorway.