- **Proposal to see wording changed in this section for clarification to better ensure that the actuating surface is defined clearly.**

3.1 Actuating Bar The activating mechanism of an exit device is located on the egress side of a door and extends at least half the width of the door. ~~The active surface of the actuating bar shall be visually and physically distinct from the rest of the device~~. The active surface of the actuating bar shall be visually and physically distinct from the rest of the device and extend at least half the width of the door. Refer to local codes for location and length. Also called cross bar or push pad.

- **Proposal to match other standards**

8.1 Cycle Tests

Grade 1 require 8.2.1 and add 8.2.2 at 50% cycles to match other BHMA standards.

- **Proposal to increase the standard to give the customer added value and distinguish the grades by differentiating pull tests by type and grade.**

8.3 **Outside Pull Tests**
8.3.1 A force as listed below shall be exerted on the door approximately 3 in. (76 mm) from the latch edge and 40 in. (1020 mm) from the floor in an effort to simulate the door being pulled open. The door shall not open and the device shall function after release of the force. Repeat the test in 8.2.1.

8.3.2 Removable mullions shall be tested on a pair of doors with both leaves closed and with rim devices installed. Both devices shall be tested independently as outlined in Outside Pull Test 8.3.1. The doors shall not open and the devices shall function after release of the force. Repeat the test in 8.2.1.

	Requirements		
	Grade 1	Grade 2	Grade 3
Rim, Multi-Point & Mortise Devices	XXX lbf min. (XXX N)	XXX lbf min. (XXX N)	XXX lbf min. (XXX N)
CVR & SVR Devices	XXX lbf min. (XXX N)	XXX lbf min. (XXX N)	XXX lbf min. (XXX N)

- **Proposal to add wording the states failure of mullion is not cause for a failure of device.**

8.3.2 Removable mullions shall be tested on a pair of doors with both leaves closed and with rim devices installed. Both devices shall be tested independently as outlined in Outside Pull Test 8.3.1. The doors shall not open and the devices shall function after release of the force. Repeat the test in 8.2.1.

- **Proposal for ease of testing to wait until 8.3-8.8 are complete to do 8.2.1**

8.4 Inside Pull Test (Grades 1 & 2) ~~8.2.1~~

8.5 Push Test (Grades 1 & 2) ~~8.2.1~~

8.6 Deadlatching Effectiveness Test (where applicable)

8.7 Force to Latch Door Test

8.8 Surface Vertical Rod or Rod Cover Abuse Test ~~8.2.1~~

8.9 After all inside operation tests are complete, repeat the test in 8.2.1

- **Proposal for ease of testing – strength testing**

Each test is permitted to use a different trim with the corresponding panic device or one trim with the corresponding panic device shall be used for all the tests. Currently requires operational after every test
Give the option if one trim is used for all tests, then operational can be performed just once after the completion of all passing strength tests rather than after each strength test.

- **Proposal to add a separate grading qualification similar to 156.13 (mortise locks) -**

Grade Qualifications
Two classifications of Grades are described in this Standard. Manufacturers shall indicate separately, for both an Operational Grade and a Security Grade level of mortise locks and latches. The minimum acceptable grade level for Operational and Security grades shall be a grade 3.
- Operational Grades shall meet the requirements of Sections 8, 9, ….
- Security Grades shall meet the requirements of Section XX.

XX. SECURITY TESTS
XX.0 **Failure Criteria** Failure consists of any damage to the lock mechanism, deadbolt, latchbolt, strike or fastener component that allows the door to be opened at the appropriate test level. The exit device shall not be operated from the inside during the tests.

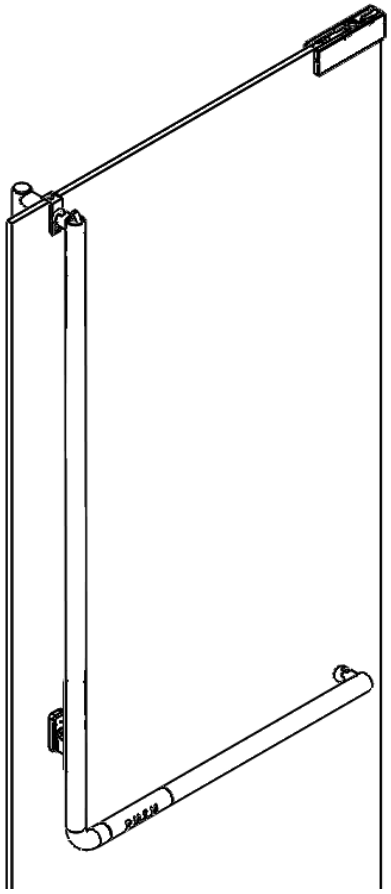
XX.1 **Outside Pull Tests**
A force as listed below shall be exerted on the door approximately 3 in. (76 mm) from the latch edge and 40 in. (1020 mm) from the floor in an effort to simulate the door being pulled open. The door shall not open.

Requirements

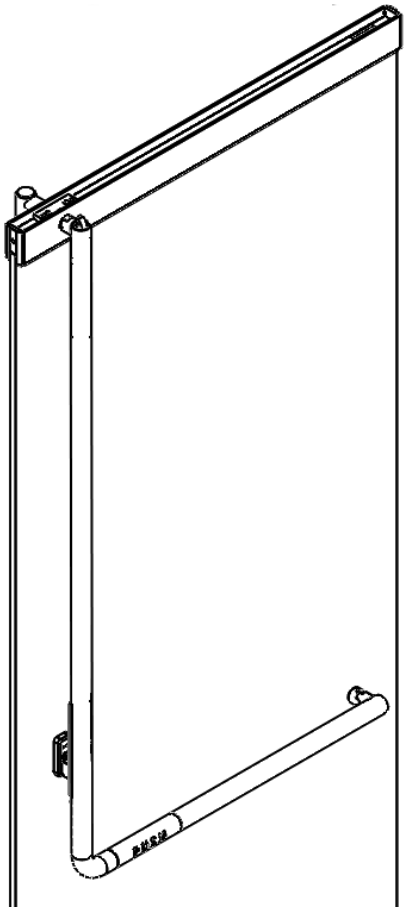
Grade 1	Grade 2	Grade 3
1500 lbf min. (6672 N)	1000 lbf min. (4448 N)	500 lbf min. (2224 N)

- **Proposal: Add the following "Type" numbers to Appendix B that are currently missing and sold by multiple manufacturers:**

Type 30: Glass Door Exit Device – Top Latching



Direct Glass Mount



Stile Mount