



Columbus Zoo & Aquarium

Door Hardware Standards Guide

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_

Approvers Title: \_\_\_\_\_

### **1) Cylinder Cores:**

- a. Schlage Everest 29 Primus XP Level 3 – Owner’s Standard No Substitution.
- b. All locking hardware to use Schlage Full Size Interchangeable Cores.
- c. Keying must Match Existing Master Key System.

### **2) Hinges:**

- a. Continuous hinges aluminum gear hinges on all main public entrances.
- b. Butt hinges on all other applications.

### **3) Mechanical Locks:**

- a. Schlage ND Series Cylindrical Locksets & Schlage ALX Series Cylindrical Locksets – Owner’s Standard No Substitution
  - i. ND Series to be installed on all Exterior, Mechanical, Educational, & High Use Customer Facing openings.
  - ii. ALX Series to be installed on all Non-public areas and Offices.
- b. Mortise to be only be used when retro-fitting of existing doors & Single Use Restroom.
- c. Singles Use Restrooms – are to have an L9056 function with an L283-722 Outside Occupancy Indicator.
- d. Multi-use Restrooms – are to have an B563 Classroom Function Deadbolt & push/pull hardware.
- e. Lever Design to be Rhodes
- f. Finish to be 626

### **4) Panic & Fire Exit Hardware:**

- a. Von Duprin 99 Series – Owner’s Preference
  - i. Acceptable substitutes: Precision Apex Series, & Detex Advantage Series
- b. Lever Trim to use the 06 lever design
- c. Finish to be US26D
- d. All exterior paired openings to be installed with rim exit devices and keyed removable center mullions.
- e. Any paired opening that is normally held open are to be installed with concealed vertical cable vertically latching exit devices.

### **5) Mechanical Door Closers:**

- a. LCN 4040XP – Owner’s Preference
  - i. Acceptable Substitutes: Sargent 281, & Corbin Russwin DC8200.
- b. All Closer to be Through-bolted
- c. Finish to be Aluminum

### **6) Automatic Operators:**

- a. LCN Sr. Swing 9500 Series – Owner’s Preference

- i. Acceptable Substitutes: LCN 4600 Series, Norton 5900 Series
- b. All actuators will be touchless.
- c. Hardwired actuators are preferred, wireless actuators are accepted when a pathway is not available.