08-10-00   Doors and Frames, General

A. This section shall be followed for new construction and to the extent possible in major renovations. For existing schools, meet these requirements to the extent possible when replace/renovating doors.

D. Translucent fiberglass replacement skylights are preferred due to life span, reduced maintenance, durability, medium price point, material translucence and no fall protection needed.

E. Glass skylights are allowable when budget allows and for historic significance requirements. While glass skylights are typically more expensive than fiberglass, they have the longest life spans and can require less maintenance.

F. High quality domed skylights are allowable at smaller skylight openings. Integral skylight frames shall be aluminum with integral condensation and weepage gutters which drain interior moisture to the outside. Corners shall be mitered and welded. Use dual pane acrylic glazing with silicon seal separation from frame. Factory Mutual approved #4431 tested., CC1/Class A rated. Allow for expansion and contraction within system components caused by a cycling surface temperature range of 170 degrees Fahrenheit without causing detrimental effects to system or components. Design to withstand live loads in accordance with the current OSSC. 5 year warranty required.

G. Ensure all skylights are vandal resistant and provide code required fall restraint. Avoid use into sensitive or secure rooms.

H.

A. Installers required to meet qualifications/certification as recommended by manufacturer.

B. Finishes
1. In existing buildings, match existing adjacent door hardware.
2. For new buildings, use brushed chrome 626 on locksets and US26D on panic hardware. The brushed matte finish hides fingerprints and smudges. Do not use antique bronze, oil rubbed bronze, chrome or similar shiny metals.

C. Exit Devices (Panic Bars)
1. Design will preclude entry via wire hook or similar picking device.
2. Von Duprin 99 series or District approved equal. Provide associated manufacturer approved power supply when electrifying exit devices. Use Von Duprin 98/99 QEL for electric exits and 99F for fire rated exits.
3. Applications with rim devices in pairs and heavy duty, non-deflecting mullions: Von Duprin 98/99 Device with keyed removable mullion
4. At interior hallway doors, vertical rod and mortise devices in conjunction with exit devices are not permitted except in existing conditions where required. Use Von Duprin 98/99 Less Bottom Rod.
5. At exterior doors, cylinder dogging shall always be key driven and never allen key. Specify CDSI (cylinder dogging with security indicator).
6. Classrooms requiring panic devices shall have thumb-turns with an indicator flag plus a sticker indicating to rotation of the thumb-turn to lock. VD 98/99-2SI with thumb turn.
7. Concealed Hardware Not Allowed anywhere unless approved by the district locksmith.
8. Use Von Duprin XP98/99 Devices (or District approved equal) on exterior doors. If exterior doors are doubles without mullion, use 9927 top rod and bottom rod.
9. Use IC (Interchangeable Core) for Exits and KRM (keyed removable mullions)

D. Locksets
1. All lock sets to have a minimum 10 year warranty.
2. Use Schlage ND Series Vandlgard (or District approved equal) at high abuse doors.
3. Levers shall be solid metal with no plastic inserts for durability.
4. Keyways and key schedule to be in conjunction with existing master key system.Key schedule must be reviewed and approved by PPS Facilities and District Locksmith. See appendix.
5. Interior locks and cylinders: Rim & mortise cylinders are FSIC with temp cores. Separate line items for perm cores.
6. Interior (all locksets including roll up doors)   -duty CL and ND series, key in lever, 6-pin keyway, section to match existing building type (E, F or EF) (see District Lockset Schedule for sq0.00000912 0 .97 5r2 rs[E)4(xes-12(E)40 G[-)]TJ

08-71-53

      F. Relite Glazing
          1. Removable stops.
          2. Glazing tape at all relites.
      G. Glazing Compound at historic windows
          1. Exterior metal sash-elastic type for bedding glass