Perimeter entrances in schools are typically high-traffic openings that must balance the need for access control and lockdown with accessibility and freedom of movement.

At least one opening must comply with disability requirement. Every door must provide egress at all times. What’s more, older buildings may present a host of challenges when electronic solutions are needed. Certain opening and building conditions may require the use of automatic operators.

**Unrestricted main entry door operational requirements:**
- Doors normally unlocked during day; locked after hours
- Access gained by a valid credential, key or staff release
- Free egress available at all times

**Standard features**
Building and safety codes may vary, but most building main entrance doors include these standard features:
- Ives continuous hinges
- Von Duprin removable mullion
- Von Duprin exit hardware with cylinder dogging
- Ives door pull
- LCN automatic operator
- LCN actuator
- LCN closer
- Glynn-Johnson overhead stops
- Ives kick plates
- Threshold with weather strip
- Schlage cylinder for mullion
- Schlage rim cylinder for exit device
Innovative solutions for unrestricted main entry doors

Allegion security products and solutions are present in schools across the U.S. School facility managers trust our products and innovations to provide safe access and egress, while also addressing security threats. Allegion has a solution for every school security challenge.

**Schlage® Everest™ 29 patented key system**

- Patent restricted keyways such as Everest 29 have an exclusive undercut design that can only be duplicated by authorized locksmiths.
- Everest 29 keys work by lifting the check pin when the key is inserted into the cylinder, allowing the key to turn and the lock to open.
- This patented interaction between the key and the cylinder is protected through 2029 and ensures the integrity of the system at every opening.
- Multiple levels of security ensure that you get the right solution throughout your facility or campus.
- The new Everest 29 patent enables a key blank that is backwards compatible to legacy Everest keyways allowing Everest 29 keys to work with existing Everest systems aiding the key system migration process.

Note: These security solutions are designed only as a guide and do not take into consideration local codes and regulations that may be in place. Please contact your local Allegion representative to design a specification to meet your unique needs.