

## Crime Prevention Through Environmental Design CPTED Principles Checklist for Kentucky Public Schools

**KRS 158.447, Required review of Crime Prevention Through Environmental Design (CPTED) principles prior to school construction or renovation.**

The Kentucky Department of Education shall require a local board of education to review CPTED principles when constructing a new school building or when renovating an existing school building. Effective: June 25, 2013

Keeping Kentucky's schools as safe as possible begins with prevention. As such, when planning to build a new school or renovate an existing school building, a critical level of security can be provided when specific principles and guidelines are considered. CPTED standards are designed to encourage review and consideration of best practices in physical plant safety and security.

Any effort local school officials can make to enhance the safety of children and school employees must be considered as being of paramount importance.

Listed below are specific topics for school officials and local boards of education, in cooperation with their design professionals, to consider when beginning the planning process for new construction:

District Name: Dayton Independent Schools District Code: 147

Facility Name: Dayton High School

Project Name: Dayton High School – Upgrades and Vestibule

BG Number: 16-114

### 1. What risks and opportunities do students encounter between home and school?

	Yes	No	Remarks
Are crosswalk locations hazardous?		No	
Can physical surveillance of the campus be improved?	Yes		Offices are moving to front for better surveillance

### 2. What risks and opportunities are posed on the school property and areas directly adjoining school property?

	Yes	No	Remarks
Traffic Related		No	Urban environment
Are student drop-off areas separated from school buses and other forms of transportation?		No	School does not have bus service; urban environment
Are parking lots separate for staff, students, and visitors with appropriate signage?		No	Urban environment which includes on-street parking

Is adequate signage provided to direct visitors to the primary entrance of the building?	Yes		However, this will be improved greatly by moving the entrance to be more visible
Is the parking lot positioned in areas adequate for surveillance (physical and electronic)?	Yes, after add'n		With the new addition, yes, this will be greatly improved
Are walkways positioned for adequate surveillance from within the building?	Yes		After addition, yes, walks will be better visibility
Is adequate external lighting provided?	Yes		
During renovations, consider surrounding hazards	Yes		
Is access to school property controlled by fencing, walls, signs (territorial, directional, and regulatory)?	Yes		Activity courtyard will have high fence to limit access
Do solid walls, fences, trees, and hedges block surveillance or attract graffiti? (3/7 rule – bushes trimmed 3 feet or shorter, trees cut 7 feet high)		No	
Are possible evacuation sites available? Do they have telephones, bathrooms, heat, securable areas?	Yes		Lincoln Elementary right up the street and the YMCA are both available.

### 3. Can the office staff observe approaching visitors before they reach the school entry?

	Yes	No	Remarks
Is the office located adjacent to the main entry?	Yes		When addition is complete, it will be adjacent
Does anything block the view? (Sculpture, landscaping features)		No	
Do windows allow natural surveillance of approaching visitors?	Yes		When addition is complete
Does the office layout allow staff to see approaching visitors from normal working positions?	Yes		When addition is complete
If poorly located, can new locations for the office be identified and the office moved?	Yes		Office is moving as part of this addition

### 4. Do staff members have the physical ability to stop visitors from entering?

	Yes	No	Remarks
Is there an airlock or sally port vestibule?	Yes		In the new renovation.
Is it difficult for staff members to lock entry		No	

doors in an emergency?			
Can staff use an emergency electronic lock button?		No	
Do staff members use keys? Are they required to go outside the room in order to lock the door?	Yes		Older parts of school could use future improvement
Is the primary entrance secured, monitored and identified with appropriate signage?	Yes		
Do counters or windows protect office staff?	Yes		Counter
If threatened, can office staff retreat to safer locations?	Yes		There are "back" doors for retreat from the office area
Do staff members have panic button alarms?		No	
Can intruders gain access any other way than through the main entry?			Not if all doors are secured
Are all exterior doors numbered?		No	
Can those secondary entries be locked, staffed, and otherwise controlled?	Yes		They can be locked and could be staffed
Is an alarm system in place? What triggers the alarm and what happens then?	Yes		The alarm needs to be updated. It is monitored by ADT/TYCO

##### 5. How well can people see what is going on inside the school?

	Yes	No	Remarks
Can office staff and others see activity in immediately adjacent areas, as well as up and down hallways? Can they see over the heads of crowds using mirrors, cameras, raised areas?	Yes		
Do blind corners, niches, unlocked and unattended rooms block surveillance?		No	
Can access to hidden areas be denied? Can those areas be locked off?		No	
Would convex mirrors help? If yes, where?		No	
Can internal windows be uncovered, or blinds be opened, to improve surveillance?		No	
Can first responders see what is going on in the building?		No	

##### 6. Do staff members have immediate lockdown capability in classrooms and other locations?

	Yes	No	Remarks
Can rooms be used as safety areas in emergencies? If yes, which ones?	Yes		Any room that we identify.
Is it difficult to lock each room in an emergency?	Yes		We have to lock from the outside of each door.
Is a key required to lock the classroom door?	Yes		
Does a person have to step into the hallway to lock the door?	Yes		
Will classroom doors lock automatically when closed?		No	
Is there a two-way intercom or telephone in each room?	Yes		
Are there secondary emergency exits available from each room?	Yes		1 <sup>st</sup> floor rooms can exit through windows.

**7. Are there identifiable or predictable trouble spots or high-risk locations? (These locations may have already been addressed in #1-6. This serves as a fail-safe measure, to see if any locations have been missed, and require more specific recommendations.)**

	Yes	No	Remarks
Climbing hazards (trees, ladders, etc)	Yes		Some trees
School boundaries		No	
School grounds		No	
Playgrounds		No	(however, city playground across the street from the school)
Driveways	Yes		Alley drive next to school is narrow
Bike racks	Yes		
Main entry area	Yes		However, will be not a problem when addition is built
Secondary entryways	Yes		Numerous other doors
Main office	Yes		Will be moved from interior location so will be much improved, safety wise
Hallways (specify which ones)		No	
Courtyards		No	

Classrooms		No	
Temporary classrooms		No	
Gymnasium		No	
Locker rooms, locker bays, locker halls	Yes		Locker rooms
Toilets		No	
Library		No	
Cafeteria		No	
Loading docks and dumpsters	Yes		Hide behind dumpsters in back of building.
Custodial receiving and storage areas		No	
Boiler room		No	
Auditorium		N/A	No auditorium
Art rooms			Art room will be highly visible
Science labs		No	
Preschool or Head Start classrooms		N/A	
Music rooms		No	
Special education rooms		No	
Computer/technology rooms		No	
Family/Consumer science rooms		No	
Technology education rooms		No	
Agriculture classrooms/labs		N/A	
Time-out rooms		No	
Meeting or conference rooms			New conference room will be highly visible.
Informal or formal gathering areas		No	
Roof		No	
Crawl spaces		N/A	
Surveillance equipment closet		No	

Key control	Yes		Need to update key system
Lighting problems indoors or out	Yes		Need to upgrade backup lighting

### 8. Security Technology

	Yes	No	Remarks
Are access control devices used?		No	
Are electronic access control devices being used?		No	
Do emergency workers have easy access when needed?	Yes		
Are surveillance cameras used?	Yes		
Is a monitoring station provided? Can they be viewed off-site?	Yes		
If yes, are cameras maintained, protected from vandals, functional, and of adequate quality?	Yes		

### 9. Miscellaneous

	Yes	No	Remarks
Is hallway lighting positioned perpendicular to the walls?	Yes		
Are stairwells lit adequately?	Yes		
Is appropriate directional signage provided for other areas than the primary entrance (gym, theatre, stadium, etc)?	Yes		
Are emergency call stations or panic alarms provided?		No	

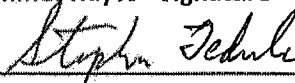
### Notes:

Kentucky Licensed  
Design Professionals:

  
Robert Ehmet Hayes & Associates, PLLC  
Ehmet Hayes - Signature

Date: 5/16/16

Kentucky Registered Engineer:

  
KLH Engineers, PSC

Date: 5-25-16

Stephen Federle - Signature

Kentucky Landscape Architect: N/A

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

Superintendent or  
Board Designee:

Signature  
Ron Kenner  
Signature

Date: 5/23/16