

## CPTED Questionnaire

### 1. CPTED Lighting Standards

a. Must include a comprehensive detailed description in Narrative Plan of how CPTED lighting standards will be addressed at this specific site.

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b. Lighting must comply with the Illuminating Engineering Society of North America "IESNA" G-1-2016 "Guide for Security Lighting for People, Property, and Critical Infrastructure."

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c. All Structures: Install vandal proof/ resistant motion-sensor security alert lights over all exterior unit doors and overhangs (if any), including main, garage, storage doors, storage sheds (if any), etc. Security motion sensors are very effective in capturing an intrusion and creating the perception by the intruder of being discovered, therefore these should be utilized in strategically targeted areas after careful consideration, especially with regards to any building design feature area that has an overhang or obstructive feature that would attract loiterers, trespassers, thieves, burglars, robbers, etc., who may use these areas for concealment, sleeping, urinating, or ambush in the case of more serious crimes such as burglary, robbery, sexual battery, etc.

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d. Security lighting should usually be primarily concentrated at gateways, doorways & windows; it should not over-illuminate or create shadows.

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e. To enhance security, use carefully focused bright soft lights with shielded fixtures to eliminate glare and undesirable light pollution trespass.

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f. Adequate soft lighting is preferable to high intensity "spotlights" so as not to 'blind' desirable users and make them prone to surprise hazards such as an ambush. With soft bright lighting the field of vision is greatly extended.

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a. Design out any potential landscaping and lighting conflicts to avoid existing or future obstructions to natural or mechanical lighting and surveillance.

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b. Ensure all lighting (and cameras) are strategically placed so they will not be obstructed by the growth of existing, or installation of future landscaping.

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c. Ensure lighting placement will enhance rather than conflict with camera placement. Avoid placing a light that would concentrate light directly into a camera lens thereby causing interference in operational efficiency.

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2. Security Strengthening, Natural Surveillance and Access Control - Doors, Windows, Overhangs, Perimeter Fences and Walls, Etc.

a. All solid exterior doors, including each individual residential unit entry door, must have either a see-through reinforced security window, or an audible/ video intercom pager, or at the minimum a 180-degree wide angle door viewer (peephole) including service doors, garage, or bay doors (if any), etc. This feature provides an opportunity to monitor and surveil the exterior prior to exiting to avoid being ambushed upon exiting. This also provides an opportunity to visually identify and screen visitors in the event of an attempted criminal ruse entry such as by a fake Delivery Driver, UPS/ FEDEX, Utility Worker, etc. Criminal incidents of theft, burglaries and robberies can have very deadly consequences, so strategically planning and designing defenses ahead of time to prevent or deter these incidents is vital for safety and security.

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b. Any existing or future fencing anywhere on the site should be CPTED oriented such as metal rail bars with 'see-through' spacing to maintain critical Natural Surveillance. Note that hollow aluminum is weak and is easily bent/ pried to facilitate climbing through so steel is much preferred.

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c. Fences should not have easily accessible horizontal bars that could be used to facilitate climbing over and breaching any security fencing. Use narrow spacing between vertical bars to prevent providing footholds.

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d. Do not block the Natural Surveillance benefit of CPTED 'see-through' fencing by placing high obstructive objects, landscaping hedges or groundcover placed closely on either side of it. Any landscaping in front of fencing should be low ground cover with a maximum height of 2' to 2.5' feet, preferably use harsh Territorial Reinforcement type landscaping to strengthen the fence perimeter Access Control barrier.

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e. All exterior doors must have non-removable door hinge pins, and it is recommended to include the capacity for electronic door position switches to signal a security alarm system that a door, which should not have been opened, has been opened and breached. Occupants or the alarm company will then investigate and/ or address any emergency accordingly.

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f. Include anti-pry robust security bar device on any ground or second level sliding glass doors (if any).

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1. Security Strengthening - Burglar Security Alarms/ Safes - Physical & Mechanical Security Strengthening

a. Install hard wired burglar security alarms, or at the minimum prewire each residential unit for burglar alarms as residential units are often targets of thefts, frauds, burglaries, robberies, etc. Safes are also strongly recommended.

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2. Parking Garage &/ or Lot, and Adjacent Access Egress and Perimeters:

a. Parking garages and lots have one of the highest crime rates therefore the following facts must be thoroughly acknowledged and addressed:

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b. Explain how this development will secure the parking lot/ garage, using Access Control systems, such as gates (if any), to avoid allowing non-legitimate unauthorized users and dangerous trespassers from breaching inside private property to burglarize, steal cars, commit robberies, sexual assaults & batteries, etc.

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c. Vehicles have been burglarized in parking lots leading to significant property loss and the theft of personal identification which has resulted in identity theft fraud; therefore, no security surveillance camera coverage gaps can exist (see Electronic Surveillance Section).

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d. Required to meet § 115.26 - City of Pompano Beach BUSINESS SECURITY CODE: "... use security cameras to protect employees and the consumer public from robbery, burglary and other violent crimes."

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g. Install video surveillance of all multi-family/ story private and commercial residential developments including all apartments, townhomes, condominiums, gated communities, etc.

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h. Ensure electronic surveillance cameras and monitors are strategically located for maximum active and passive observation. Show sight "cones" indicating comprehensive coverage.

i. Ensure all cameras are strategically placed so they will not be obstructed by the growth of existing or installation of future landscaping.

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j. Ensure lighting placement will enhance rather than conflict with camera placement. Avoid placing a light that would concentrate light directly into a camera lens thereby causing interference in operational efficiency.

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k. Security cameras must fully view all parking areas, building entrances and pedestrian paths of travel along and into the building perimeters.

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l. Any potentially vulnerable areas that cannot be observed through Natural Surveillance must be covered by electronic surveillance monitoring.

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m. Ensure video surveillance at all exterior building entrances. Include an audible/ video intercom and call system for example at main entrance.

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n. Install motion activated security cameras up to and at the perimeter boundaries, the parking areas, and activity areas such as any exterior amenity areas to deter criminal activities such as burglary, auto-theft, robbery, sexual assault & battery, etc.

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1. Miscellaneous: CPTED & Security Strengthening

c. Any blind areas not covered by security cameras, including shared interior hallways of the resident housing for example, must have corner security mirrors installed to assist in visibility around blind spot corners to deter/ prevent concealment/ ambush opportunities.

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d. Costly equipment such as ground floor exterior air conditioning units (if any) must be clearly and permanently marked with serial numbers and images of equipment and serial stored for criminal investigation. This information must be readily available in the event of a theft or burglary to help law enforcement investigators to quickly track and recover the stolen items. The equipment must be secured robustly to deter/ prevent theft.

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e. Place bike storage racks (if any) close to the main access doors providing convenience and maximum Natural and Electronic Security Surveillance.

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f. Install anti-vehicular impact traffic safety bollards and/ or large heavy, preferably lighted, planters along street front intersection corners of N Dixie Hwy and NW 15th Place and NW 15th Court to prevent serious vehicle intrusion accidents/ incidents. Note that recently on the next street corner of N Dixie Hwy and NW 16th St a vehicle crashed into the corner property and did substantial property damage to the commercial property. The concern here is that the properties are residential; and this vulnerability could result in serious personal injury or death as well as substantial property damage.

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