



1. CPTED LIGHTING STANDARDS

- a. LIGHTING MUST COMPLY WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA "IESNA" G-1-2016 "GUIDE TO SECURITY LIGHTING FOR PEOPLE, PROPERTY, AND CRITICAL INFRASTRUCTURE."
- b. ALL STRUCTURES: INSTANT VANDAL PROOF/ RESISTANT MOTION-SENSOR SECURITY ALERT LIGHTS OVER ALL EXTERIOR UNIT DOORS AND OVERHANGS. ALL STRUCTURES: CLIMBING THROUGH SO STEELS MUCH PREFERRED. STORAGE SHEETS (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, ROBBERIES, 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.
- c. TO ENHANCE SECURITY, USE CAREFULLY SELECTED BRIGHT SOFT LIGHTS WITH SHIELDED FIXTURES TO ELIMINATE GLARE AND UNDESIRABLE LIGHT POLLUTION TRESSPASS.

2. SECURITY STRENGTHENING, NATURAL SURVEILLANCE AND ACCESS CONTROL - DOORS, WINDOWS, OVERHANGS, PERIMETER FENCES AND WALLS, ETC.

- a. 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 SHOULD BE BENT/PRIED TO NOT CLIMB THROUGH.
- b. FENCES, GATES AND/ OR ANY EXTERIOR GROUND LEVEL ARCHITECTURAL/ABSTRACT DESIGN FEATURES SHOULD NOT HAVE EASY 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.
- c. SOLID WALLS, IF ANY SPECIFICALLY THOSE USED AS PERIMETER / PRIVACY BOUNDARIES, SHOULD NOT HAVE A FLAT TOP AND SHOULD BE DESIGNED WITH AN ANGLED, BEVELED, CURVED OR OTHERWISE SHAPED TOP TO DETER EASY CLIMBING OVER WHICH COULD BE A POTENTIAL TRESSPASSING/BREACHING VULNERABILITY, AND/ OR TO DETER SITTING AND LOITERING UPON WHICH COULD ALSO BE A POTENTIAL FALL AND INJURY HAZARD. SIGNAGE PROHIBITING TRESSPASS OR SITTING UPON WALLS SHOULD BE INCLUDED IN THE DESIGN AS NECESSARY.
- d. SOLID WALLS IF ANY THAT ARE LOW TO THE GROUND AND USE AS SYMBOLIC BARRIERS SHOULD HAVE A TOPSIDE SHAPE TO PREVENT THE POTENTIAL FOR THE USE OF VANDALISM INFLICTED BY KATEBERGADOING, ROLLERBLADING, BICYCLING, ETC. EXAMPLES OF SUCH SHAPES INCLUDE, BUT ARE NOT LIMITED TO ANGLED, CURVED, RIDGED, BEVELED &/OR INCORPORATED WITH CLEATS, INTERMITTENT SPACING OR OTHER ARCHITECTURAL DESIGN TO DISSUADE SUCH UNAUTHORIZED ACTIVITY.
- e. ALL EXTERIOR DOORS SHOULD 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 IF THEN INVESTIGATE AND/ OR ADDRESS ANY EMERGENCY ACCORDINGLY.
- f. INCLUDE ANTI-PRY ROBUST SECURITY BAR DEVICE ON ANY GROUND OR SECOND LEVEL SLIDING GLASS DOORS (IF ANY).

3. SECURITY STRENGTHENING - BURGLAR SECURITY ALARMS/ SAFES - PHYSICAL & MECHANICAL SECURITY STRENGTHENING

- a. FOR COMMERCIAL AND INDUSTRIAL: BURGLARY / INTRUSION / SENSOR ALARMS MUST BE ACTIVATED WHENEVER THE BUSINESS IS CLOSED, OR ALL AUTHORIZED PERSONNEL ARE OUT OF THE BUSINESS.
- b. FOR COMMERCIAL/ RETAIL (INCLUDING COMMERCIAL RESIDENTIAL/ HOTELS/ MULTI-FAMILY WITH SECURITY/ FRONT DESK RECEPTIONISTS / HOSTS IF ANY), INSTALL A FIXED CONCEALED SILENT PAIN DURESS ALARM AT MAIN ENTRANCE AND A PORTABLE LAYVARD FOR REDUNDANCY IN THE EVENT THE FIXED ALARM IS COMPROMISED DUE TO THE FIXED ALARM STOP BEING VACANT, OR FOR ANY SERIOUS INCIDENT SUCH AS AN ACTIVE KILLER OR OTHER EMERGENCY.

4. KEY SECURITY: ACCESS CONTROL AND SECURITY STRENGTHENING (FOR BUSINESSES WITH NUMEROUS KEYS ON SITE SUCH AS RESIDENTIAL OR COMMERCIAL MANAGEMENT OFFICES, WAREHOUSES WITH NUMEROUS VEHICLES, TRUCKS, ETC., VALUABLE ASSETS ON SITE INCLUDING EQUIPMENT, TOOLS, SUPPLIES, ETC., PROPERTY MANAGEMENT OFFICES, REALTORS, CAR DEALERSHIPS, RESTAURANTS, VALETS, ETC.)

- a. DESCRIBE ACCESS KEY CONTROL SECURITY SYSTEM - GENERAL DESCRIPTION ONLY, AVOID SPECIFIC LOCATION OF KEY STORAGE SAFE.
- b. KEY SECURITY OFFICE/ ROOM/ KEY STORAGE CLOSET DOOR MUST HAVE AN ALARM AND ROBUST MECHANICAL LOCKING SYSTEM.
- c. A SURVEILLANCE CAMERA MUST MONITOR THE OFFICE KEY STORAGE AREA.
- d. MANAGEMENT OFFICE DOOR MUST HAVE A SECURITY VIEWER (PEEPHOLE) OR REINFORCED SECURITY WINDOW.

5. PARKING GARAGE &/ OR LOT, AND ADJACENT ACCESS EGRESS AND PERIMETERS:

- a. AN ACCESS CONTROL VEHICULAR GATE ENTRANCE INTO THE PARKING GARAGE / DEVELOPMENT WILL DETER AND HELP PREVENT TRESPASS OPPORTUNITIES. THESE ENTRANCES MUST BE UNDER VIDEO SURVEILLANCE.
- b. IF NOT APPLICABLE, CONSIDER A VEHICULAR GATE WITH AN ALARM AND TO PREVENT UNAUTHORIZED ACCESS TRESSPASSING, INSTALL A ROBUST SECURITY ROLL DOWN GATES THAT CAN BE OPERATED IN TIMES OF NEED TO CLOSE AND SECURE THE GARAGE, SUCH AS DURING A HURRICANE OR OTHER EMERGENCY INCLUDING A SERIOUS OR LIFE-THREATENING CRIMINAL SITUATION.
- c. (ONLY IF APPLICABLE) USE HIGHLY REFLECTIVE LIGHT COLOR PAINT FOR COVERED PARKING AREAS &/OR MULTI-LEVEL PARKING GARAGES TO INCREASE THE OVERALL AMOUNT OF NATURAL & ARTIFICIAL LIGHT.
- d. POST SIGNAGE IN PARKING AREAS FORBIDDING VEHICLES OTHER THAN OWNERS' / AUTHORIZED GUESTS TO PARK AND LOITER IN PRIVATE PARKING LOT.
- e. POST TOWING SIGN AND ENFORCE TOW AWAY POLICY CONSISTENTLY CONCERNING ILLEGALLY PARKED OR ABANDONED VEHICLES.
- f. INSTALL SUFFICIENT SIDEWALK SAFETY ASILES IN FRONT OF THE PARKED CARS TO PROTECT PEDESTRIANS FROM ACCIDENTOUSLY HAVING TO WALK BETWEEN OTHER PARKED CARS THAT MAY BE BACKING UP, AND FROM HAVING TO RISK WALKING DANGEROUSLY IN CONFLICT WITH THE CAR TRAVEL LANES.

6. GRAFFITI MAINTENANCE - CPTED

- a. COMMERCIAL, INDUSTRIAL AND MULTI-FAMILY RESIDENTIAL EXTERIOR WALL SURFACES ALONG THE BUILDING PERIMETER MUST BE TREATED WITH A GRAFFITI-RESISTANT RESIN UP TO 8 FEET TO PREVENT VANDALISM. GRAFFITI VANDALISM IS CHRONIC THESE DAYS AND THEREFORE BECOMES VERY EXPENSIVE TO REPEATEDLY ADDRESS. IT LEADS TO UNSIGHTLY VISUAL CONDITIONS, AND OFTEN ALSO COSTLY CODE ENFORCEMENT VIOLATIONS. THEREFORE, INCORPORATING IT INTO THE PROJECT BEFOREHAND IS FINANCIALLY STRATEGIC AND VITAL TO PROJECT SUSTAINABILITY.

7. ELECTRONIC SURVEILLANCE - SECURITY STRENGTHENING

\*\*\* ATTENTION \*\*\*

PROPOSED CAMERA AND MONITORING LOCATIONS WILL BE COORDINATED WITH A SECURITY AND ACCESS CONTROL CONSULTANT AND THE BROWARD SHERIFF'S OFFICE CPTED REVIEWER \*\*\* PRIORITY \*\*\* TO PERMITTING, PLANNING AND INSTALLATION OF THE SURVEILLANCE MONITORING SYSTEM MUST INCLUDE FIELD INPUT FROM EXPERIENCED CPTED/ SECURITY STRENGTHENING LAW-ENFORCEMENT TO ENSURE OPTIMAL RESULTS.

- a. ENSURE ELECTRONIC SURVEILLANCE CAMERAS AND MONITORS ARE STRATEGICALLY LOCATED FOR MAXIMUM ACTIVE AND PASSIVE OBSERVATION. SHOW SIGHT "CONES" INDICATING COMPREHENSIVE COVERAGE.

MONITORS MUST BE STRATEGICALLY LOCATED FOR MAXIMUM OVERLAPPING ACTIVE AND PASSIVE OBSERVATION. PLACEMENT IN STRATEGIC LOCATIONS IS TO INCREASE SURVEILLANCE AND REPORTING OF SUSPICIOUS OR ILLEGAL ACTIVITY DURING DANGEROUS SITUATIONS. THE FOLLOWING ARE RECOMMENDED FOR OPTIMAL VIEWING. THEY SHOULD BE PLACED STRATEGICALLY WHEREVER THEY WOULD RECEIVE THE MOST VIEWING FROM PERSONNEL TRAFFIC SUCH AS AT THE MANAGER'S OFFICE, FRONT DESK, LOBBIES, ETC.

[illegible]

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