

THE CPTED & SECURITY STRENGTHENING CONDITIONS

A. NATURAL SURVEILLANCE - SECURITY STRENGTHENING

1.) THE PLACEMENT OF A WINDOW WITHIN A DOOR MUST NOT FACILITATE THE EASY REACH OF THE DOOR'S LOCKING MECHANISMS (I.E. DEADBOLTS, LOCKABLE DOORKNOBS, SLIDE LOCKS, ETC.)

GOAL: TO AID IN PREVENTING A CRIMINAL OFFENDER FROM GAINING UNLAWFUL FORCED ENTRY. WINDOWS WITHIN ENTRY DOORS SHOULD BE IMPACT RESISTANT &/OR HAVE A SECURITY REINFORCED DESIGN.

2) EXTERIOR DESIGN ELEMENTS AND/ OR FEATURES, WHETHER ELEVATED OR NOT, SUCH AS WALKWAYS, STAIR WELLS, PROMENADES, RAMPS, WHETHER ADA COMPLIANT OR NOT, MUST NOT HAVE SOLID WALLS OBSTRUCTING &/ OR PREVENTING NATURAL SURVEILLANCE. IF AN ELEVATED/ RAISED DESIGN ELEMENT AND/ OR DESIGN FEATURE OBSTRUCTS NATURAL SURVEILLANCE, IT CREATES UNINTENDED VULNERABLE AND POTENTIALLY DANGEROUS CONCEALMENT AND/ OR AMBUSH OPPORTUNITIES FOR QUALITY-OF-LIFE ISSUES/ DISTURBANCES AND/ OR CRIMES TO OCCUR. ANOTHER IMPORTANT CONCERN TO THE SUCCESS OF A DEVELOPMENT'S SUSTAINABILITY IS UNDERSTANDING THAT AREAS WHICH ATTRACT INTRUDERS, LOITERERS, TRESPASSERS, ETC., FREQUENTLY RESULT IN PROFUSE LITTERING AND PERSONS USING THE AREA, ESPECIALLY AFTERHOURS, TO RELIEVE THEMSELVES CONTRARY TO THE INTENDED USE OF THE DEVELOPMENT. THESE UNINTENDED CONSEQUENCES ALSO DETER OWNERS, OPERATORS, TENANTS, ETC., AS A RESULT OF THE CHRONICALLY INCREASED MAINTENANCE EXPENSES.

PURPOSE: DETER UNINTENDED LOITERING, TRESPASS. AVOID CREATING CONCEALMENT &/ OR AMBUSH OPPORTUNITIES FOR CRIME. REDUCE AVOIDABLE EXPENSIVE MAINTENANCE COSTS.

3.) FOR COMMERCIAL, INDUSTRIAL & MULTIFAMILY, EXTERIOR STAIRWELL RISERS (IF ANY) SHOULD BE OF A SEE-THROUGH DESIGN.

GOAL: TO ENHANCE NATURAL SURVEILLANCE & TO PREVENT THE UNDERSIDE OF THE STAIRWELL FROM BEING USED AS PLACE FOR CRIMINAL ACTIVITY, CONCEALMENT, AMBUSH ATTACK AS WELL AS TO DETER TRESPASS & LOITERING.

A1. 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 *** PRIOR *** 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.

1.) SURVEILLANCE MONITORS DEPICTING REAL TIME SECURITY CAMERA VIEWS MUST BE STRATEGICALLY LOCATED FOR MAXIMUM OVERLAPPING ACTIVE AND PASSIVE OBSERVATION.

GOAL: PLACEMENT OF MONITORS IN STRATEGIC LOCATIONS INCREASES VALUABLE SURVEILLANCE AND EXPEDITES REPORTING OF SUSPICIOUS OR ILLEGAL ACTIVITY INCLUDING DANGEROUS OFTEN CRITICAL INCIDENTS SUCH AS ACTIVE KILLERS, ETC. LARGE MONITORS ARE RECOMMENDED FOR OPTIMAL VIEWING. THEY SHOULD BE PLACED STRATEGICALLY WHEREVER THEY WOULD RECEIVE THE MOST VIEWING FROM PERSONNEL TRAFFIC SUCH AS AT THE FRONT DESK, LOBBIES, THE MANAGERS' OFFICE, ETC.

2.) ANY INTERNAL &/OR EXTERNAL U.S. MAIL KIOSKS / POST OFFICE BOX STATIONS MUST BE CAPTURED BY VIDEO SURVEILLANCE.

B. ACCESS CONTROL - SECURITY STRENGTHENING

1.) 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.

2.) INCLUDE ANTI-PRY ROBUST SECURITY BAR DEVICE ON ANY GROUND & SECOND LEVEL SLIDING GLASS DOORS (IF ANY).

3.) FOR COMMERCIAL INCLUDING COMMERCIAL / INDUSTRIAL / RESIDENTIAL/ HOTELS/ RETAIL / MULTI-FAMILY WITH SECURITY/ FRONT DESK RECEPTIONISTS / HOSTS (IF ANY): AREAS DESIGNATED FOR EMPLOYEE & CUSTOMER TRANSACTIONS SUCH AS A RECEPTION DESK, COUNTER TOPS, PODIUM, &/OR BAR MUST BE DESIGNED WITH A CLEAR BOUNDARY DELINEATION &/OR ENCLOSURE SEPARATING PUBLIC FROM PRIVATE AREAS. EXAMPLES WOULD BE APPROPRIATE SIGNAGE AND A PHYSICAL BARRIER SUCH AS A DOOR, OR AT LEAST A STANCHION WITH A CHAIN OR ROPE DELINEATING THE PRIVATE NON-PUBLIC AREA AS OFF-LIMITS.

PURPOSE: TO DETER THE ACCIDENTAL OR INTENTIONAL TRESPASS INTO A RESTRICTED AREA, TO PROTECT EMPLOYEES & TO PREVENT UNAUTHORIZED PERSONS FROM GAINING ACCESS TO PROPERTY, VALUABLES, SENSITIVE EQUIPMENT, ETC. ALSO, TO SIGNAL AN EARLY ALERT TO EMPLOYEES IF SOMEONE UNAUTHORIZED IS ATTEMPTING TO BREACH THE PRIVATE NON-PUBLIC AREA SO THEY CAN BUY TIME TO QUICKLY GET TO SAFETY AND ALERT SECURITY/ POLICE FOR HELP.

B1. ACCESS CONTROL - SECURITY STRENGTHENING FOR DUMPSTER ENCLOSURES / TRASH ROOMS

1.) TO DETER LOITERING BY TRESPASSERS, ILLEGAL DUMPING AND A CONCEALMENT / AMBUSH POINT FOR CRIMINALS, DUMPSTER ENCLOSURES WITH ROLLING OR SWING GATES, INCLUDING THOSE THAT ALSO HAVE A DESIGNATED PEDESTRIAN ENTRY PASSAGEWAY, MUST INCLUDE ALL THE FOLLOWING FOR BOTH THE SWING AND PEDESTRIAN GATES.

2.) A ROBUST LOCKING MECHANISM SUCH AS A THROW BOLT WITH A ROBUST SHIELDED PADLOCK FOR EXAMPLE RATHER THAN ONLY A VULNERABLE CHAIN AND NON-SHIELDED PADLOCK.

3.) BOTTOM GATE CLEARANCES MUST BE 8" ABOVE THE GROUND.

PURPOSE: FOR VIEWING UNDERNEATH TO DETER LOITERING AND TRESPASSING INSIDE THE ENCLOSURES, AND TO DETER/ PREVENT THE ENCLOSURE FROM BEING USED AS CONCEALMENT/ AMBUSH FOR A MORE SERIOUS CRIME SUCH AS A VIOLENT ROBBERY, SEXUAL ASSAULT/ BATTERY, ETC.

4.) IF THERE IS A PEDESTRIAN PASSAGEWAY INTO THE DUMPSTER ENCLOSURE IT MUST HAVE THE LOCKABLE GATE WHICH REMAINS CLOSED AND LOCKED EXCEPT WHEN IN ACTIVE USE BY AUTHORIZED PERSONS.

5.) DUMPSTER AREA MUST HAVE A VANDAL RESISTANT/ PROOF MOTION-SENSOR SECURITY LIGHT TO ILLUMINATE THE AREA WHEN IN USE BETWEEN SUNSET AND SUNRISE.

6.) DUMPSTER AREAS MUST BE SECURED WITH ACCESS CONTROL AND VIDEO SURVEILLANCE.

7.) ENCLOSED TRASH ROOMS (IF ANY) MUST BE EQUIPPED WITH EITHER CONSTANT LIGHTING &/OR A SECURED MOTION SENSOR LIGHTING SYSTEM THAT WILL PROVIDE IMMEDIATE ILLUMINATION UPON ENTRY.

B2. ACCESS CONTROL - SECURITY STRENGTHENING FOR KEY CONTROL & MANAGEMENT OFFICES

1.) ANY KEYS, KEY FOBS, KEY CARD DEVICES &/OR SIMILAR DEVICES THAT ARE STORED ON SITE MUST BE SECURED WITH ACCESS CONTROL SUCH AS, BUT NOT LIMITED TO: MECHANICAL, ELECTRONIC CONTROL, BIOMETRIC, ETC. ELECTRONIC KEY SIGNALS CAN BE CLONED (COPIED) SO KEYS MUST BE STORED IN A SIGNAL BLOCKING LOCKED SAFE.

2.) KEY SECURITY OFFICE / ROOM / KEY STORAGE CLOSET DOOR MUST HAVE AN ALARM AND ROBUST MECHANICAL LOCKING SYSTEM.

3.) A SURVEILLANCE CAMERA MUST MONITOR THE OFFICE KEY STORAGE AREA.

4.) MANAGEMENT / SECURITY OFFICE DOOR MUST HAVE A SECURITY VIEWER (DOOR SCOPE / PEEPHOLE) OR REINFORCED SECURITY WINDOW.

C. SECURITY STRENGTHENING - PARKING LOTS / PARKING GARAGES / COVERED PARKING

1.) (MULTI-RESIDENTIAL OR COMMERCIAL OFFICE ONLY) PARKING SPACES SHOULD BE CLEARLY AND INDIVIDUALLY MARKED AND ASSIGNED FOR OWNERS/ AUTHORIZED GUESTS USE ONLY. (IN THE CASE OF A RETAIL, RESTAURANT OR LIKE BUSINESS THIS IS OPTIONAL)

2.) (MULTI-RESIDENTIAL OR COMMERCIAL ONLY) POST SIGNAGE IN PARKING AREAS FORBIDDING VEHICLES OTHER THAN OWNER'S/ AUTHORIZED GUESTS TO PARK AND LOITER IN PRIVATE PARKING LOT.

3.) (MULTI-RESIDENTIAL OR COMMERCIAL ONLY) POST TOWING SIGN AND ENFORCE TOW AWAY POLICY CONSISTENTLY CONCERNING ILLEGALLY PARKED OR ABANDONED VEHICLES.

4.) INSTALL CONVEX SECURITY MIRRORS TO INCREASE VISIBILITY AROUND BLIND CORNERS, RAMPS & ANY POINTS OF INTERSECTION BETWEEN VEHICLE LANES OF TRAVEL & PEDESTRIAN PATHWAYS.

5.) VEHICLE PARKING LOTS & GARAGES THAT EXIT ONTO THE PUBLIC ROADWAY MUST HAVE MULTIPLE TRAFFIC CONTROL INDICATORS STRATEGICALLY PLACED TO ADVISE EXITING VEHICLES TO USE CAUTION BEFORE ENTERING THE RIGHT-OF-WAY. EXAMPLES OF SUCH INDICATORS CAN BE, BUT ARE NOT LIMITED TO: STOP SIGNS, STOP BAR PAVEMENT MARKINGS, AN ILLUMINATED STOP SIGN, FLASHING RED LIGHT, RUMBLE STRIPS, SIGNAGE INDICATING TO WATCH FOR VEHICLES, BICYCLISTS & PEDESTRIANS, ETC.

D. MAINTENANCE & MANAGEMENT - SECURITY STRENGTHENING

1.) FOR COMMERCIAL INCLUDING COMMERCIAL/ INDUSTRIAL/ RESIDENTIAL/ HOTELS/ MULTI-FAMILY / OFFICES, ETC. WITH SECURITY/ FRONT DESK RECEPTIONISTS / HOSTS (IF ANY): INSTALL A FIXED CONCEALED SILENT PANIC DURESS ALARM AT MAIN ENTRANCE AND A PROVIDE A PORTABLE ACTIVATOR FOR REDUNDANCY IN THE EVENT THE FIXED ALARM IS COMPROMISED DUE TO THE FIXED ALARM POST BEING VACANT, OR FOR ANY SERIOUS INCIDENT SUCH AS AN ACTIVE KILLER OR OTHER EMERGENCY.

2.) THE NUMBER ADDRESS SIGNAGE MUST BE UNOBSTRUCTED BY LANDSCAPING OR EXTERNAL FEATURES, PROVIDE GOOD COLOR CONTRAST, BE VISIBLE FROM THE ROADWAY & PREFERABLY BE REFLECTIVE FOR INSTANT RECOGNITION BY LAW ENFORCEMENT & EMS WHEN RESPONDING TO EMERGENCY CALLS FOR SERVICE.

E. ACTIVITY SUPPORT - SECURITY STRENGTHENING

1.) PLACE BIKE STORAGE RACKS (IF ANY) CLOSE TO THE MAIN ACCESS DOORS PROVIDING CONVENIENCE AND MAXIMUM NATURAL AND ELECTRONIC SECURITY SURVEILLANCE.

2.) IF THE BUILDING/ DEVELOPMENT HAS A WI-FI SYSTEM, IT NEEDS TO BE ENCRYPTED, AND PASSWORD PROTECTED. IF WI-FI IS OFFERED AS A COMPLIMENTARY SERVICE BY A BUSINESS, THEN IT SHOULD BE DISABLED WHEN THE BUSINESS IS CLOSED TO THE PUBLIC.

PURPOSE: AN OPEN WI-FI SYSTEM WILL ATTRACT NON-LEGITIMATE USERS TO LOITER AND USE THE OPEN FREE WI-FI.

3.) EXTERIOR BENCH SEATING (IF ANY) FOR PUBLIC USE SHOULD BE CPTED ORIENTATED TO INCLUDE SPACERS / DIVIDERS / ARM RESTS OR PREFERABLY USE A SINGLE SEAT DESIGN.

PURPOSE: TO DETER UNINTENDED EXCESSIVE LOITERING, TRESPASSING, LYING DOWN, SLEEPING, ETC THEREBY DEPRIVING LEGITIMATE USERS TO ABILITY TO UTILIZE THE DESIGNATED SEATING.

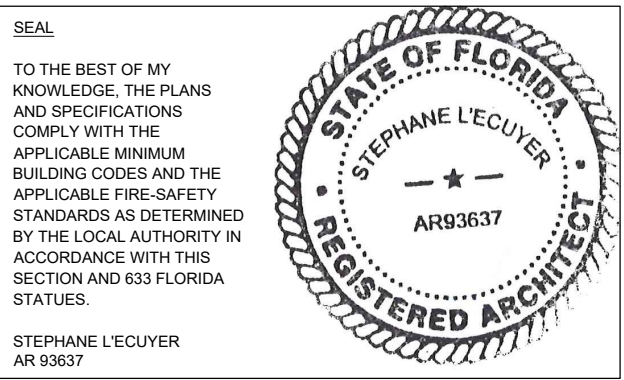
4.) PUBLIC, RESIDENT, TENANT, VISITOR &/OR COMMON USE RESTROOMS, STORAGE ROOMS LOCKER ROOMS, SAUNAS (IF ANY) MUST BE EQUIPPED WITH EITHER CONSTANT LIGHTING &/OR A SECURED MOTION SENSOR LIGHTING SYSTEM THAT WILL PROVIDE IMMEDIATE ILLUMINATION UPON ENTRY.

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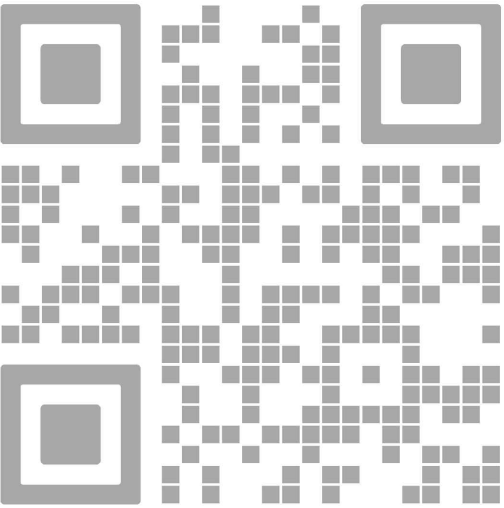
absolute-idea.com

CANAL PARK
3523 NE 163rd Street, Suite 200 North Miami Beach, FL 33160
305.792.0015 305.931.0279 info@absolute-idea.com



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ALL MEASUREMENTS MUST BE VERIFIED BEFORE BEGINNING THE WORKS. NO MEASUREMENTS ARE TO BE SCALED DIRECTLY FROM THIS DRAWING.

Key section

Client

VERA FUND
NICK POLYUSHKIN
& YURI KHARITONENKOV
TEL: 305.833.3303

Project

1600 S FEDERAL HIGHWAY
(MIXED-USE PROJECT)
1600 SOUTH FEDERAL HIGHWAY,
POMPAHO BEACH, FL 33062

Title

THE CPTED & SECURITY
STRENGTHENING CONDITIONS

Drawn

Field

J. WU

ARCHITECTURE

Verified

Scale

N. TREMBLAY

as shown

Approved

Date

S. L'ECUYER

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J. WU

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