



City of Irvine
Construction Site Security Requirements
General Requirements

Municipal Code Section 5-9-521.B

This checklist outlines the General Requirements for construction site security per the City of Irvine Construction Site Security Ordinance. The checklist is intended for use with plan check submittals and for field verification of security features. For plan check submittals, this checklist is to be copied on a site plan sheet or in the General Notes section.

For residential projects with 25 dwelling units or more or non-residential projects with 50,000 square feet or more, a Security Plan is also required in addition to these General requirements (Municipal Code Section 5-9-521.C). A separate guideline is available outlining Security Plan requirements. When a Security Plan is required, this checklist is to be placed on the required Security Plan.

Perimeter Fencing, Gates and Locks

Check
Box

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| 1. The number of access points onto the site shall be minimized and, where feasible, situated in locations that are highly visible from an adjacent street. | <input type="checkbox"/> |
| 2. Fencing shall be installed around the site perimeter adjacent to streets. | <input type="checkbox"/> |
| a. Fencing shall be a minimum 6' high with green 94% minimum blackout heavy-duty plastic screening. | <input type="checkbox"/> |
| b. Vehicle and pedestrian gates shall not be covered. | <input type="checkbox"/> |
| c. Fencing shall not be covered for 20 feet on each side of gates. | <input type="checkbox"/> |
| 3. Vehicle and pedestrian gates and openings shall have gates secured after hours of operation. | <input type="checkbox"/> |
| a. Padlocks used for securing gates shall be designed to prohibit cutting of shackle. | <input type="checkbox"/> |
| b. Locking gates shall be secured with minimum 3/8 inch thick, 30 grade coil chain, or minimum 5/16 inch cable. | <input type="checkbox"/> |

Note: Perimeter fencing may be removed when there is no longer outside storage of building materials or building fixtures and when there are no remaining exterior construction activities requiring separation of non-construction related personnel and public from exterior construction activity.

Signage

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| 1. Address signs shall be posted at all vehicle entrances listing street name and number using letters and numbers at least 6 inches in height. | <input type="checkbox"/> |
| 2. "No Trespassing" signs, listing California Penal Code Section 602, installed at all perimeter access points. | <input type="checkbox"/> |
| 3. Signs with a 24-hour emergency phone number for a person who can respond to site shall be posted at the main entrance gate and on the exterior of the on-site office trailer or building. | <input type="checkbox"/> |
| 4. All signs to be posted a minimum of 5 feet from ground level. | <input type="checkbox"/> |

Site Lighting

- 1. The following locations shall be illuminated during hours of darkness:
 - a. Vehicle gate locations.
 - b. All open centralized storage areas for building materials or building fixtures.
 - c. Trailers, temporary buildings, or containers used as an office or storage for building materials or fixtures.
- 2. Minimum light level at required locations is one foot-candle at the ground for a 15 foot radius. A Photometric plan is not required.
- 3. Light fixtures shall be installed a minimum 18 feet high, with tempered or polycarbonate lens approved for wet locations (U.L. Bulletin 1572).
- 4. Where required lighting would affect occupied residential properties:
 - a. Motion sensors can be used to control light fixtures.
 - b. Elements may be modified or not required when first approved by the Chief Building Official or Chief of Police.
- 5. For Projects requiring a Security Plan, submit an informational sheet (cutsheet) for security light fixtures.

Office Trailers and Temporary Buildings

- 1. Doors shall have a deadbolt lock and an auxiliary locking device using a slide bolt or hasp, with a protective device to prohibit cutting of the padlock.
 - a. Bolt or hasp attached with non-removable bolts from the exterior and padlock with a minimum 1/2 inch thick shackle with heel and toe locking.
- 2. Windows shall be secured with either:
 - a. Steel bars, minimum 1/2 round or one-inch by 1/4 inch flat, spaced not more than 5 inches apart, secured with bolts that are non-removable from the exterior; or,
 - b. Steel grate mesh, minimum 1/8 inch thick, securely attached using a means resistant to removal from the exterior.

Storage Containers (with at least 64 square feet of storage area)

- 1. Doors shall be secured using a hasp or slide bolt with a protective device to prohibit cutting of the padlock, and attached with non-removable bolts from the exterior.
 - a. Padlocks shall have a minimum 1/2 inch thick shackle with heel and toe locking.
- 2. Exterior hinge pins shall be rendered non-removable by design or welding.

Motorized Equipment

- 1. Forklifts shall be rendered inoperable when the hours of operation are ceased, making them unable to start, operate or move. Removing forks and securing them satisfies this requirement.
- 2. An onsite record shall be maintained for all motorized equipment with a minimum 15 inch wheel diameter listing the equipment manufacturer, model, license plate number, vehicle identification number (VIN), and product identification number (PIN).