



CITY OF CORONADO

DEPARTMENT OF COMMUNITY DEVELOPMENT
BUILDING DIVISION
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HANDOUT

308

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GLASS HANDRAILS / GUARDRAILS

PURPOSE: To ensure permit applicants are made aware of the City of Coronado’s minimum requirements for the issuance of permits for the installation and inspection of glass handrails and guardrails.

AUTHORITY: 1. City of Coronado Building Official
2. 1997 Uniform Administrative Code, Section 302.3
“Plans and specifications shall be drawn to scale...and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provision of this code and all relevant laws, ordinances, rules and regulations.”
3. 2010 California Building Code, Section 2407 – Glass in Handrails and Guards

NOTES:
1. Permit Requirements. The following drawings and documents, in the quantities specified, shall be presented to the Building Official when applying for a permit to install glass handrails or guardrails.

- A. Drawings (3 copies of each drawing)
 - 1. Site and/or floor plan which notes the location and scope of the installation.
 - 2. Elevation(s) which illustrate the configuration of the installation.
 - 3. Installation details which specify the manner in which the railing system is to be installed.
NOTE: Installation details and design calculations must be stamped and signed by a licensed engineer verifying compliance with CBC 1607.7 and 2407 for the railing system based on its location, material to which the system is to be connected, and conformance of the railing system to performance criteria in the Building Code.

- B. Documents
 - 1. Railing system ICC-ES Evaluation Report (one copy)
 - 2. Manufacturer’s Installation instructions (one copy)
 - 3. Structural Calculations and/or Letter of Conformance by a licensed structural engineer (one copy)
 - 4. Letter of authorization from applicant’s Homeowner’s Association (if applicable) (one copy)

2. Inspections Required. Once the permit has been issued, the following inspections shall be scheduled in accordance with the inspection scheduling instructions on the permit holder’s Inspection Record Card.

NOTE: Failure to schedule these inspections in the order listed will result in the requirement to dismantle the railing and begin the inspection process anew.

- A. Rough Framing – The base shoe of the glass railing system must be mounted and secured for the entire length of the approved railing. The base shoe shall be as secured as detailed in the structural engineer’s details.

Also included in this inspection shall be the tempered glass panels. The glass panels shall not be set in the base shoe but shall be presented separately in order to verify the existence of the required tempered etching mark on each panel.

- B. Final Inspection – The glass railing system must be completely finished for the entire length of the approved railing.