



Obtaining a Permit for a Deck Construction

General Requirements

Prepare a complete set of plans (PDF format), each wet stamped/signed by the architect and/or engineer as required¹. Paper size (when printed) must be a minimum 11" X 17", minimum text size 3/32" when printed.

Minimum Content within construction documents and plans

Title sheet showing:

- Project address
- Work scope description
- Applicable codes
- Index of sheets that are a part of the permit set

Complete Plot Plan showing:

- The entire lot and property boundaries
- Location of the proposed improvement
- Location of existing buildings
- Distances to adjacent property lines on each side.

Floor Plan showing:

- location of all windows and doors at the deck wall
- Stairs, landings, and handrail requirements per R311
- Guardrails location, height, and opening limitations per R312

Exterior Elevations

Structural Plans showing:

- Design Criteria and Materials Specifications
- Foundation plan and details
- Framing plan (framing members, size, spacing) and connection details
- Details for the lateral force-resisting system construction
- Structural detail for the guardrail to demonstrate that it can resist 200 lbs lateral load at the top.

¹ Refer to Design Licensing requirements inform at: <http://www.ci.richmond.ca.us/index.aspx?nid=2100>

Structural Calculations:

- Provide two copies – wet-signed by the Engineer of Record for the load-bearing beams, posts, foundation, and lateral force-resisting system.