

## Single Family Residential Uncovered Decks and Porches

**PROJECT ADDRESS:** \_\_\_\_\_

### How to Use this Guide

Provide three sets of plans and complete the following:

- 1. Complete this Building Guide** by filling in all of the blanks on page two and indicating which construction details will be used.
- 2. Provide 3 Plot Plans** showing dimensions of your deck or porch and its relationship to existing buildings or structures on the property. Show all easements and the distance to existing property lines drawn to scale.
- 3. Fill out a Building Permit Application.**  
The majority of permit applications are processed with little delay. The submitted documents will help determine if the project is in compliance with building safety codes, zoning ordinances and other applicable laws.



**SPECIAL NOTES:** \_\_\_\_\_

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This handout is intended to accommodate projects constructed under the 2006 International Residential Code. It is not intended to cover all code requirements or circumstances. Check with the City of Wheat Ridge Community Development Department for additional requirements. <http://www.ci.wheatridge.co.us>

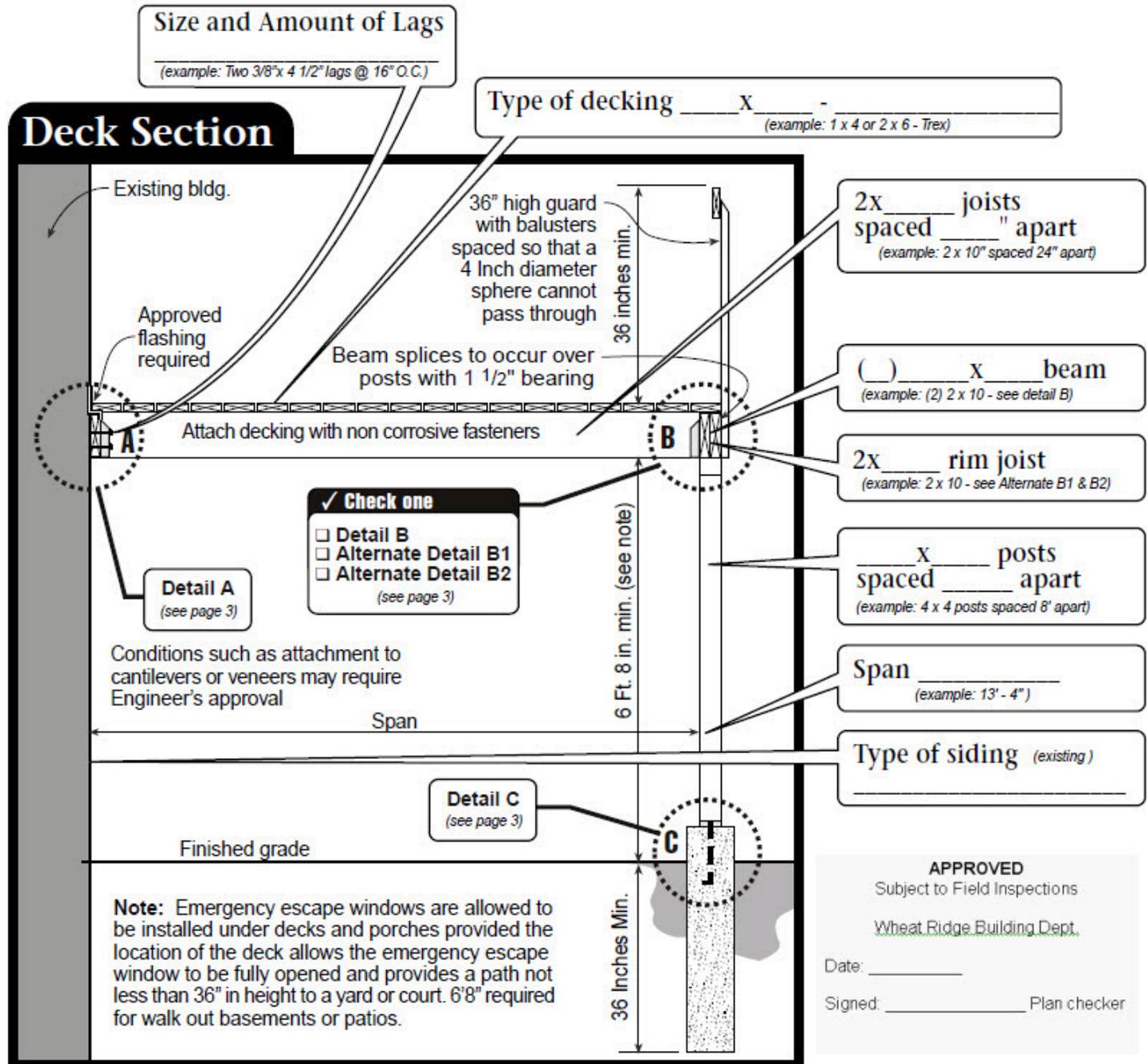
<p><b>APPROVED</b> Subject to Field Inspections</p> <p><u>Wheat Ridge Building Dept.</u></p> <p>Date: _____</p> <p>Signed: _____ Plan checker</p>	
<p><b>ON SITE PLANS</b> <b>MUST BE ON SITE</b> <b>FOR INSPECTION</b></p>	
<p>_____ <b>CHIEF BUILDING OFFICIAL</b></p>	
 <p>Wheat Ridge Building Department Approved</p>	
<p>_____ BUILDING OFFICIAL</p>	<p>_____ DATE</p>
<p><small>Validity of permit: The issuance of a permit or approval of plans, specifications and computations shall not be a permit for, or an approval of, any violation to any of the provisions of the building code or of any City ordinances. Permits presuming to give authority to violate or cancel the provisions of the Building codes or other ordinances of the City shall not be valid.</small></p>	

# Single Family Residential Uncovered Decks and Porches

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**DIRECTIONS:**

1. Fill in the blanks on this page with dimensions and materials which will be used to build the structure. Please print legibly.
2. Indicate in the check box in the center of the diagram which support detail from Page 3 is to be used.

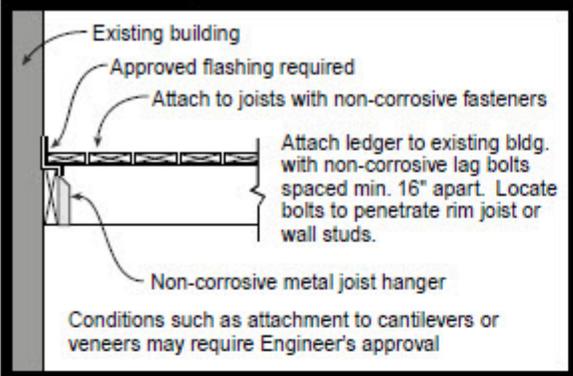


**Note:** 3 copies of a plot plan (plan view) showing the dimensions of your project and its relationship to existing buildings or structures on the property must be included. In addition to project dimensions, your plot plan must also show other details such as post locations and spacing, joist and beam spans, and any other pertinent information not shown on drawings.

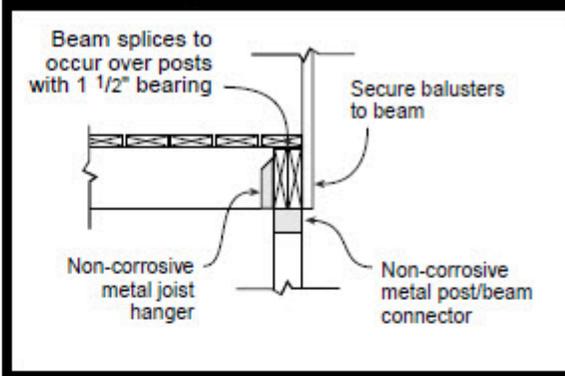
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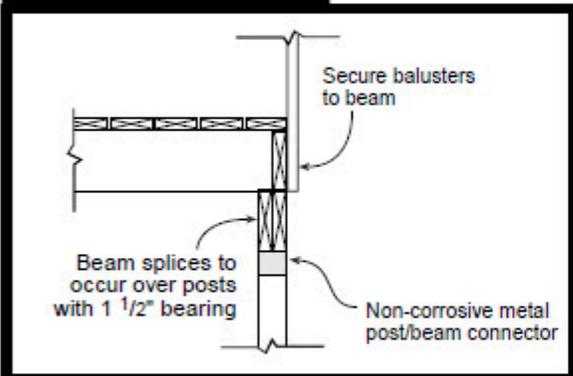
## Detail A



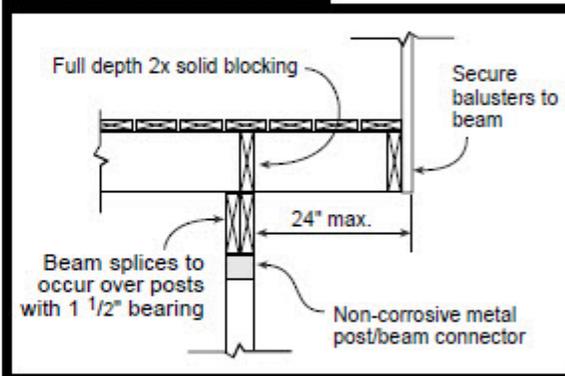
## Detail B



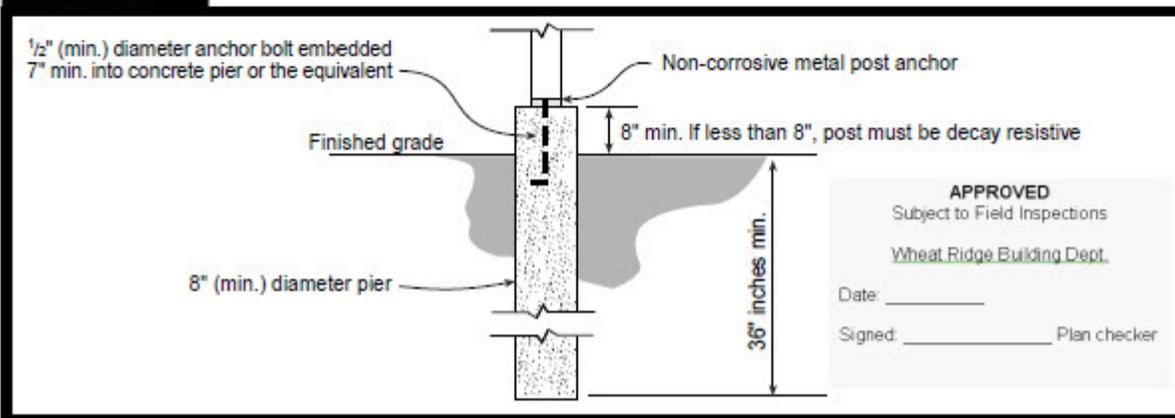
## Alternate Detail B1



## Alternate Detail B2



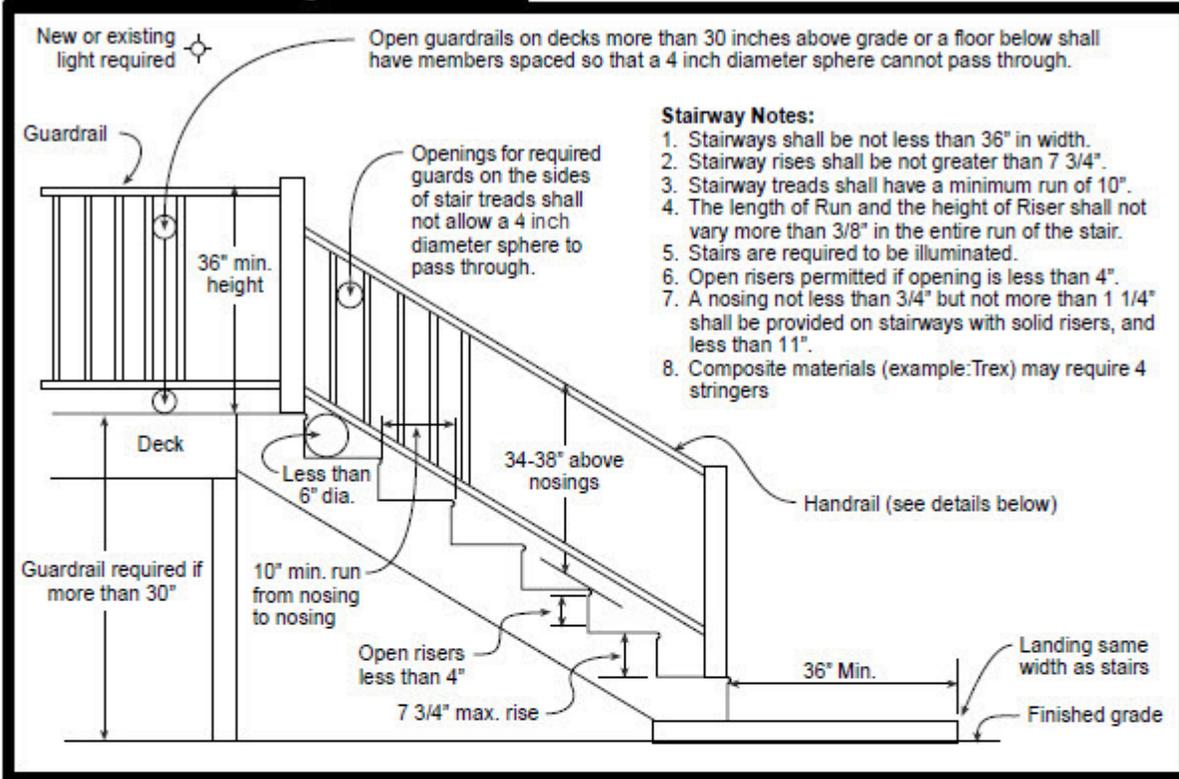
## Detail C



# Single Family Residential Uncovered Decks and Porches

PROJECT ADDRESS: \_\_\_\_\_

## Stair & Handrail Specifications



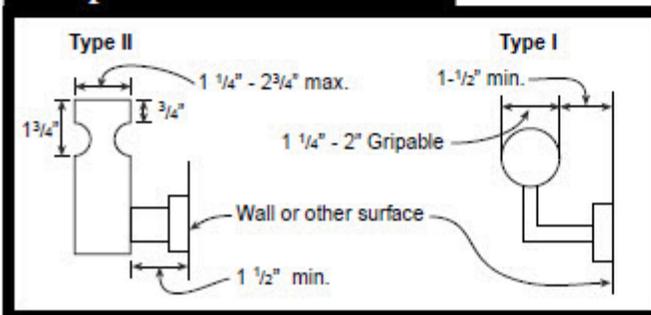
### Stairway Notes:

1. Stairways shall be not less than 36" in width.
2. Stairway rises shall be not greater than 7 3/4".
3. Stairway treads shall have a minimum run of 10".
4. The length of Run and the height of Riser shall not vary more than 3/8" in the entire run of the stair.
5. Stairs are required to be illuminated.
6. Open risers permitted if opening is less than 4".
7. A nosing not less than 3/4" but not more than 1 1/4" shall be provided on stairways with solid risers, and less than 11".
8. Composite materials (example:Trex) may require 4 stringers

### Handrail Notes:

1. Handrails shall be continuous on at least one side of stairs with 4 or more risers.
2. Top of the handrails shall be placed not less than 34 inches nor more than 38 inches above stair nosings.
3. The handgrip portion of handrails shall be not less than 1-1/4 inches nor more than 2 1/4 inches in cross section for non circular handrails.
4. Handrails shall be placed not less than 1-1/2 inches from any wall or other surface.
5. Handrails to be returned to wall, post or safety terminal (per 311.5.6.2 IRC)

## Acceptable Handrail Details



## Unacceptable Handrails

