



Building Guide

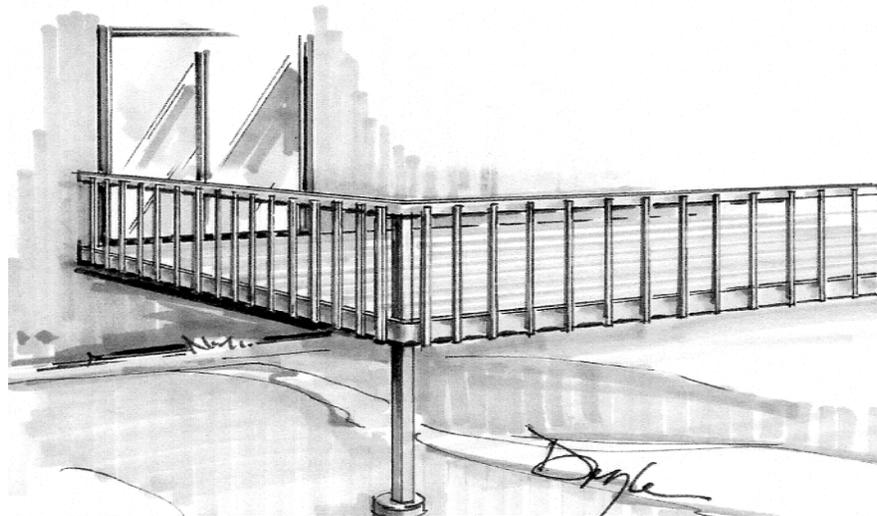
Mills County Building & Safety Department
403 Railroad Ave, Glenwood, IA 51534
712-527-4347

Single Family Residential Uncovered Decks and Porches

How to Use this Guide

- **Complete this Building Guide** by filling in the blanks on page two (2), and indicating which construction details will be used.
- **Fill out a Residential building permit application.**

The majority of permit applications are processed with little delay, within 7 – 10 working days. The submitted documents will help determine if the project is in compliance with building safety codes, zoning ordinances and other applicable laws.

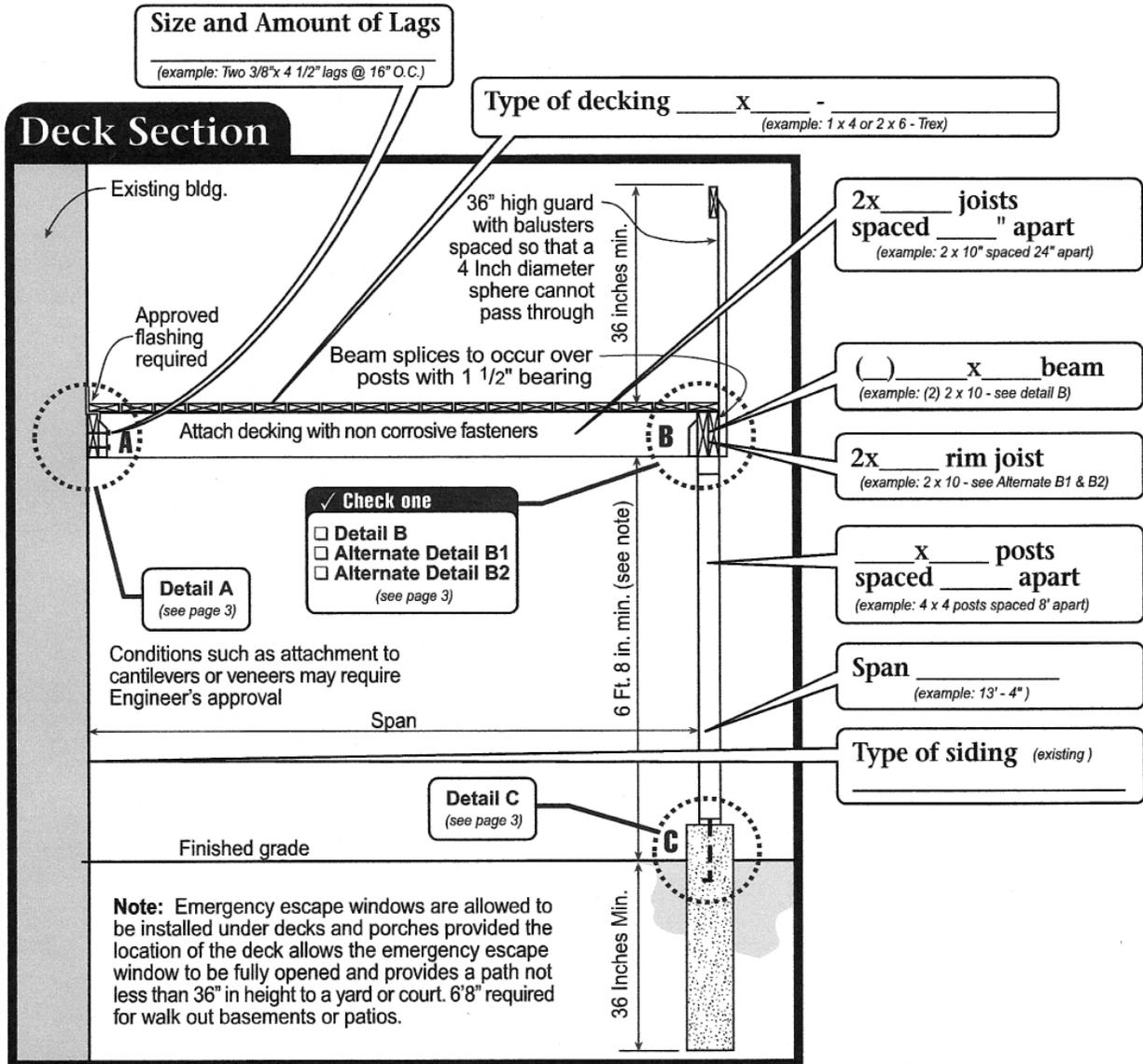


This handout was developed by the Mills County, Iowa, Building & Safety Department as a basic Plan Submittal under the 2009 IRC to help in questions that may arise in the application process. It is not intended to cover all circumstances or Code related issues as they pertain to individual projects.

Single Family Residential Uncovered Decks and Porches

Directions

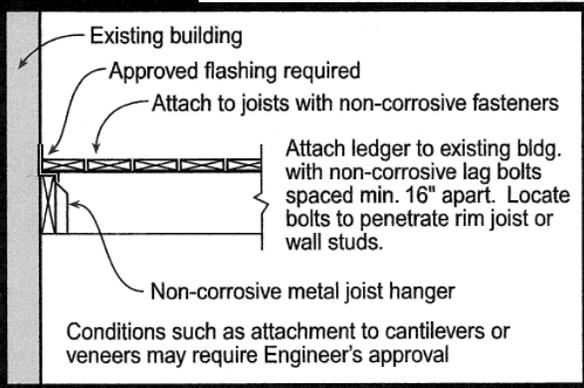
- 1) Fill in the blanks on pages 2 and 3 with dimensions and materials which will be used to build the structure.
- 2) Indicate in the box which detail from page 3 will be used.



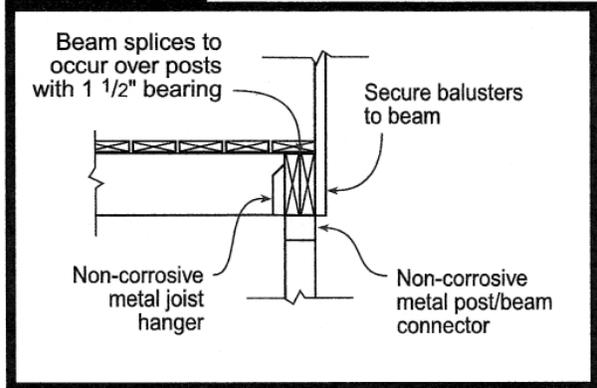
NOTE: A plot plan (plan view) showing the dimensions of your project or additions and its relationship to existing buildings or structures on the property must be included with your permit application. In addition to project dimensions, your plot plan must also show other details such as post locations and spacing, joist and beam spans, and any other pertinent information not shown on this section drawing.

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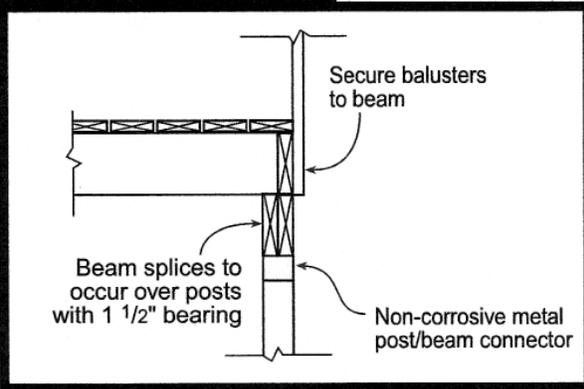
Detail A



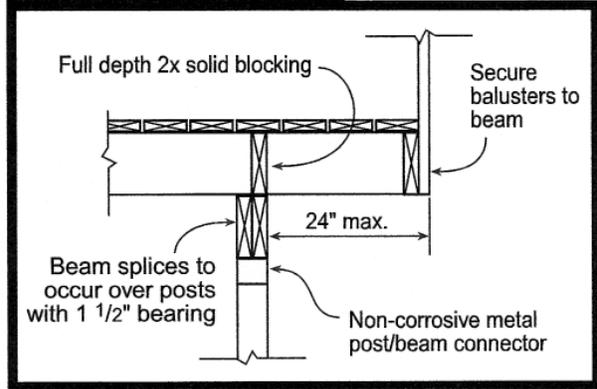
Detail B



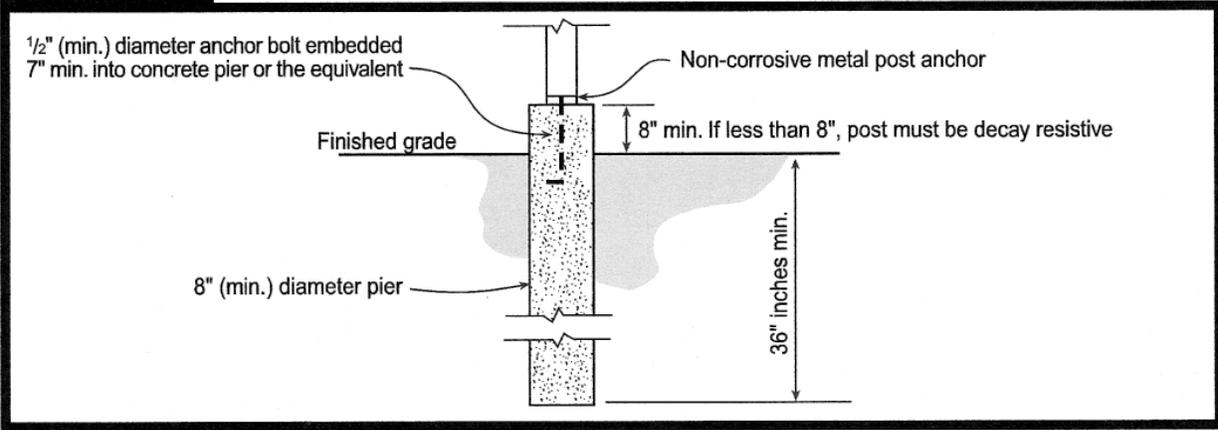
Alternate Detail B1



Alternate Detail B2

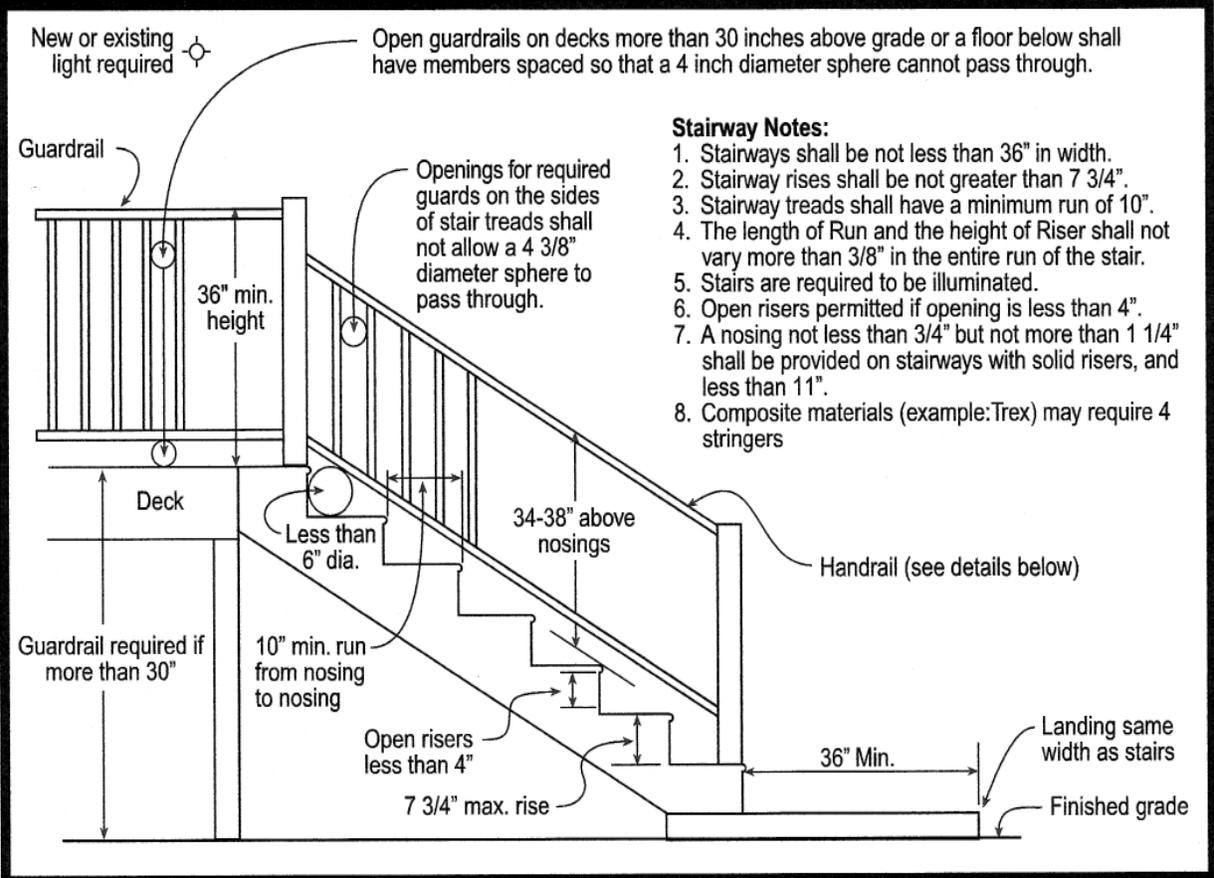


Detail C



Single Family Residential Uncovered Decks and Porches

Stair & Handrail Specifications



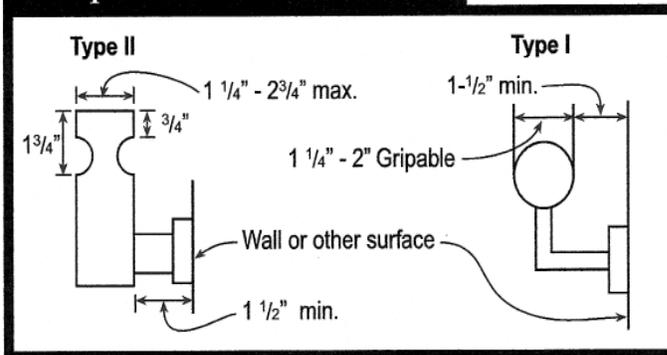
Stairway Notes:

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

