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Single Family Residential Uncovered Decks and Porches

How to Use this Guide

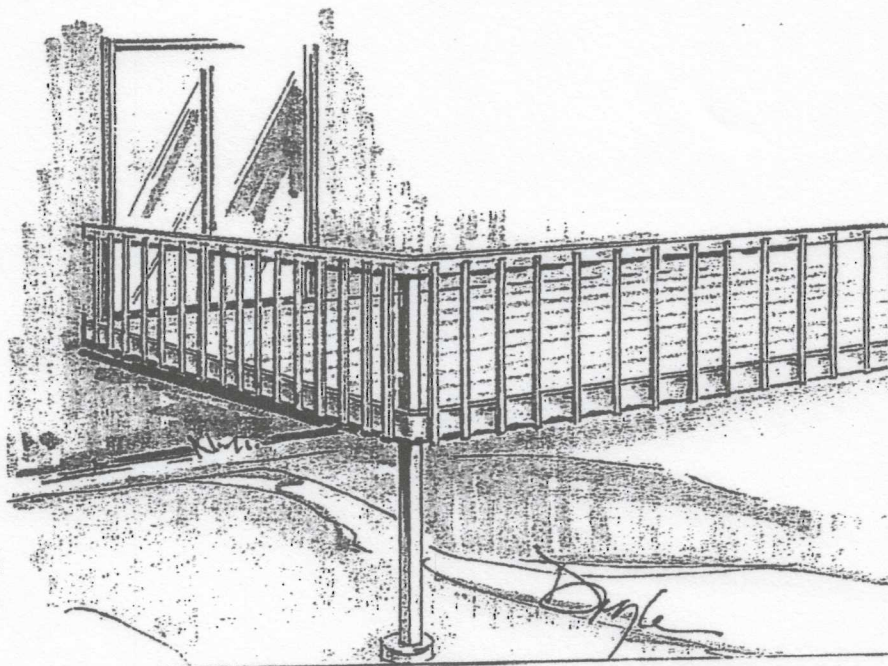
Provide three sets of plans and complete the following:

1. Complete this Building Guide by filling in the blanks on page two, and indicating which construction details will be used.

2. Provide 3 Plot Plans (site plan) showing dimensions of your project or addition and indicating which construction details will be used.

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.



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Address: _____

d. Fill in the blanks on Jaages 2 amd 3 »'ith diiensions and na n serials which i>'ill be u.sed to bui ld the structure. P'lca.sc print legibly.

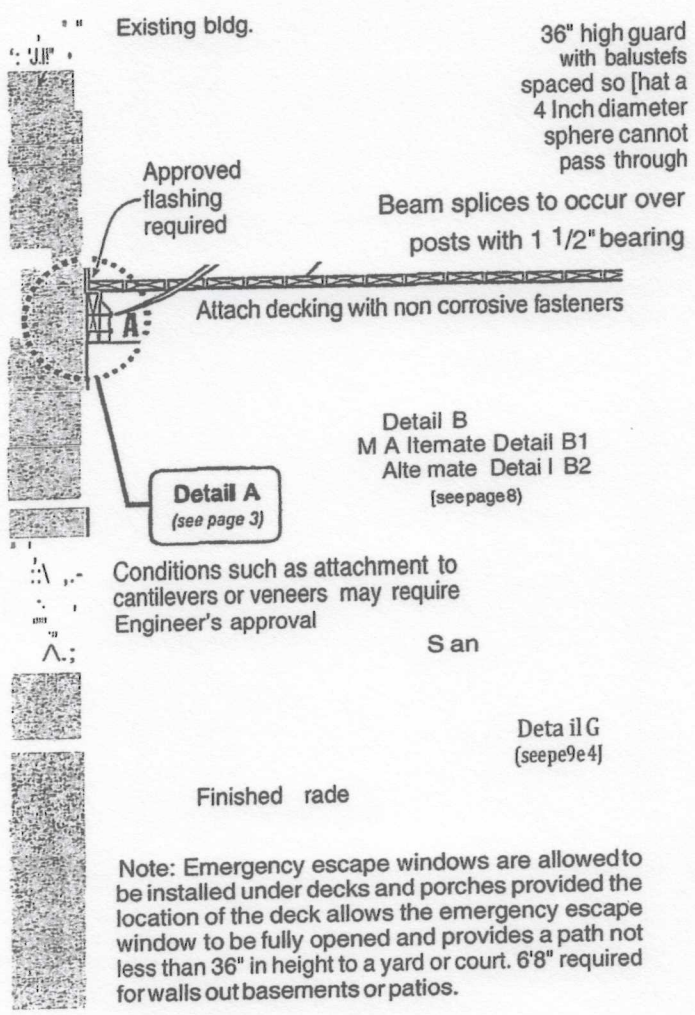
2. Ind icatc i n the clieel box w'la ich detail l front page 3 cvi 11 be usecl.

Size and Amount of Lags*

*Lateral load devices required in addition to lags.

(example. 1/2" X 6" lags @ 16" O.C.)

Type of decking X



2x joints spaced " apart
(example: 2 x 10" spaced 24" apart)

() x beam
(example: (2) 2 x 10 - see detail B)

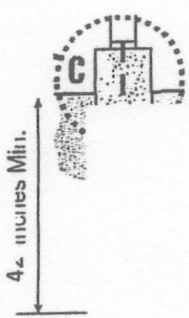
2x rim joist
(example: 2 x 10 - see Alternative B)

K spaced OSIS apart
(example: 4 x 4 posts spaced 8' apart)

Span
(example: 13' - 4")

Type of siding (existing)

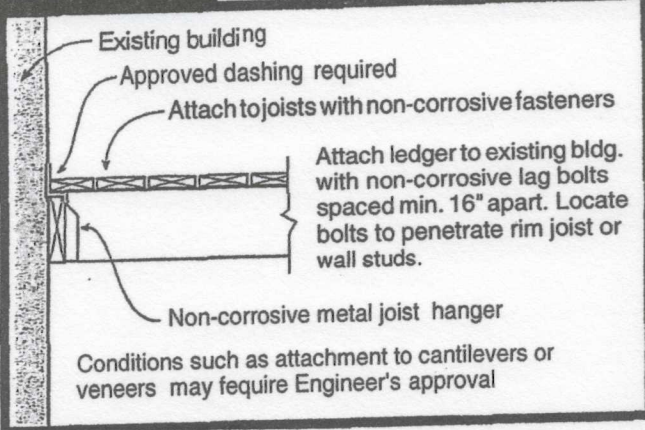
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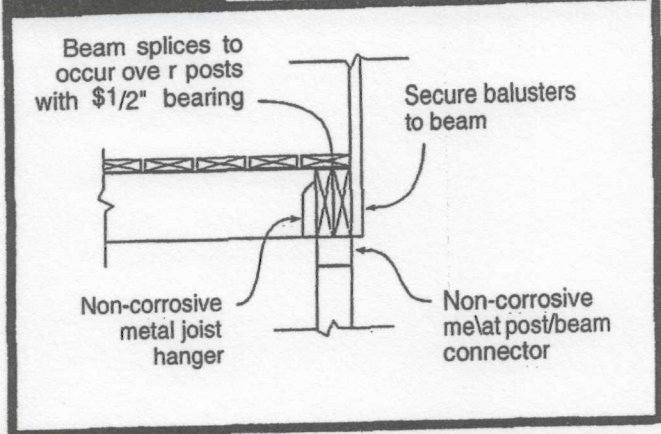
Note: 'A plot plan (p lan view) showing the dimensions of your project or additions and its rela tionsh ips to existing buildings or structures on th e property must be included. In ad dition to project dimensions, your plot plan mus l also show other details such as pos l loc a lions and spacing, jois l and beam s pans, and any other pertinent inform ation not shown on the s ection d ra\=ng.

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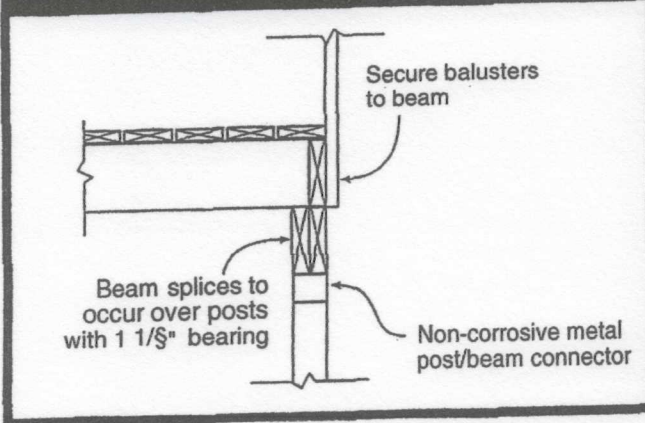
Detail A



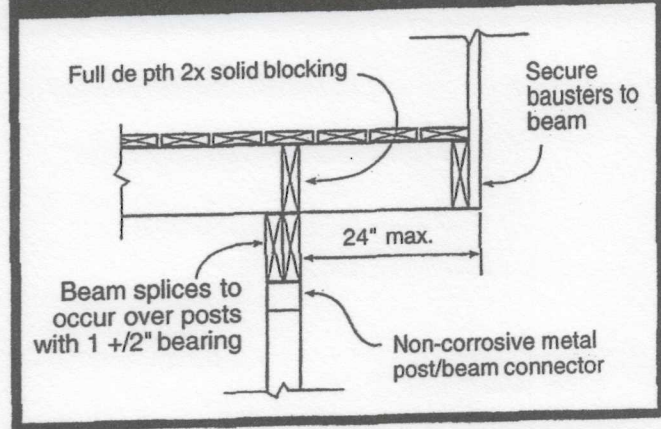
Detail B



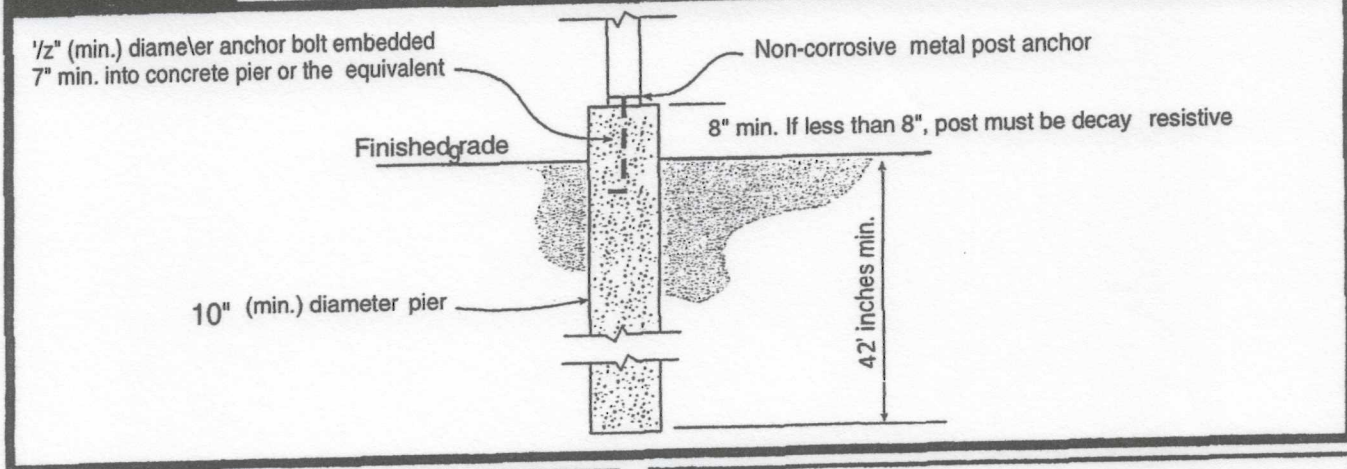
Alternate Detail B1




Alternate Detail B2



Detail C



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New or existing light required 

Open guardrails on decks more than 30 inches above grade or a floor below shall have members spaced so that a 4 inch diameter sphere cannot pass through.

Guardrail

36" min. height

Openings for required guards on the sides of stair treads shall not allow a 4 3/8" diameter sphere to pass through.

Stairway Notes:

1. Stairways shall be not less than 36" in width.
2. Stairway treads shall be not greater than 8"
3. Stairway treads shall have a minimum run of 9"
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 1/4" shall be provided on stairways with solid risers, and less than 11".
8. Composite materials (example: TreX) may require 4 stringers

Deck

Less than 6' dia.

34-38" above nosings

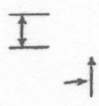
Handrail (see details below)

Guardrail required if more than 30'

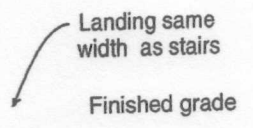
6" min. run from nosing to nosing

Open risers less than 4"

8" max. rise



36" thin.



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)

Type II

Type I

