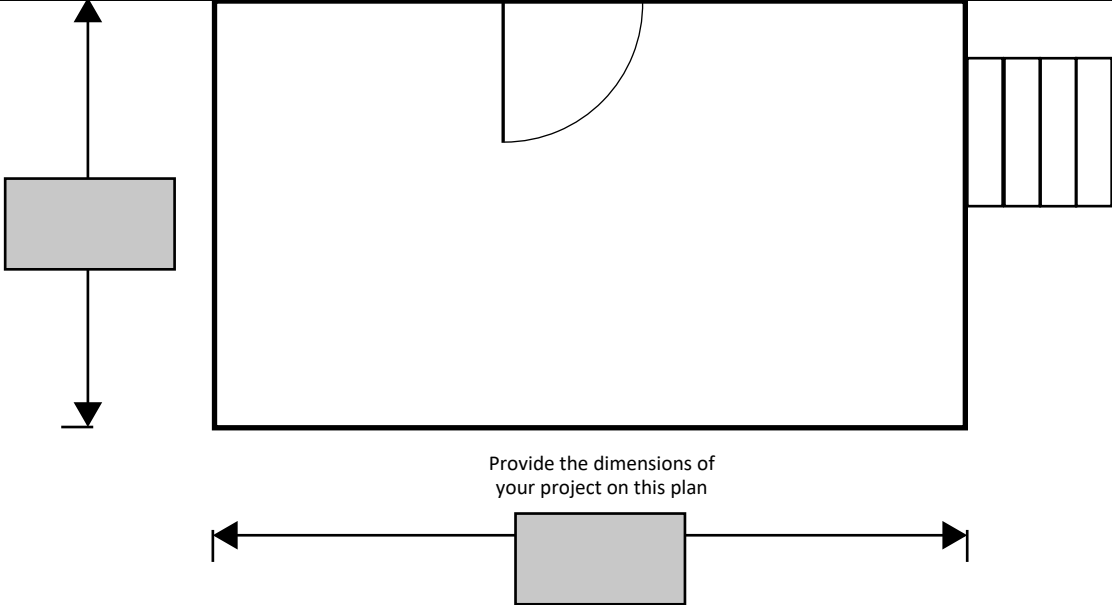
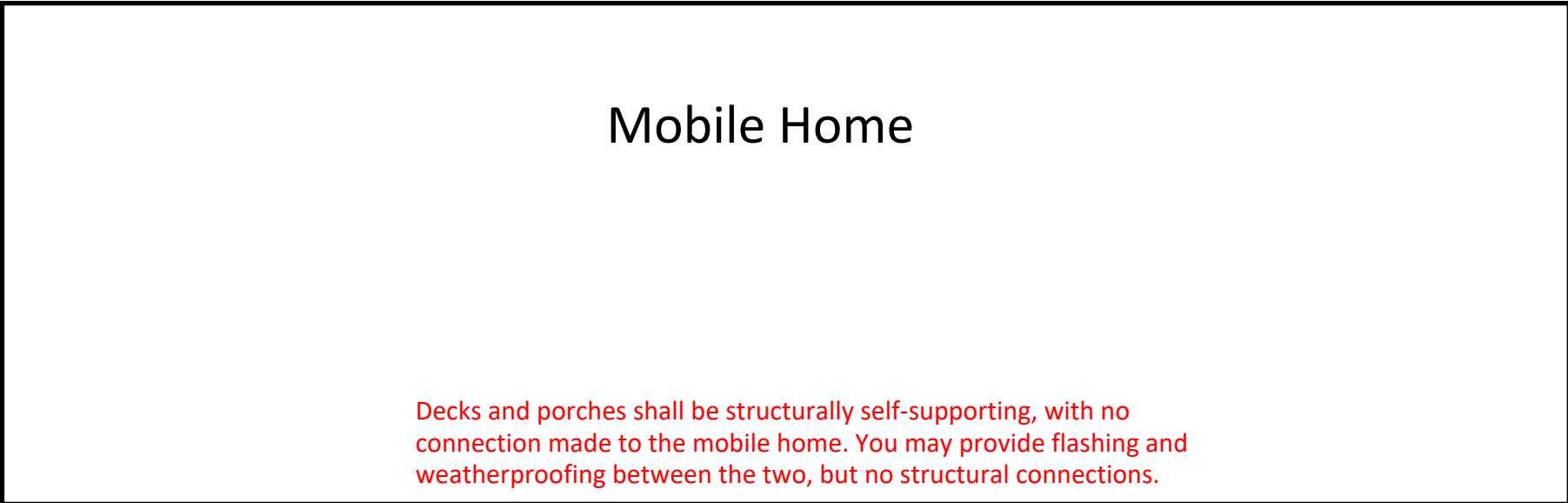


A building permit is required to add a deck or a porch to a mobile home. A set of building plans is required to obtain a building permit. You may use these documents as a set of building plans by adding dimensions and specific framing details where appropriate. The pictures are intended to represent common configurations. If yours is different, please alter the drawing accordingly.

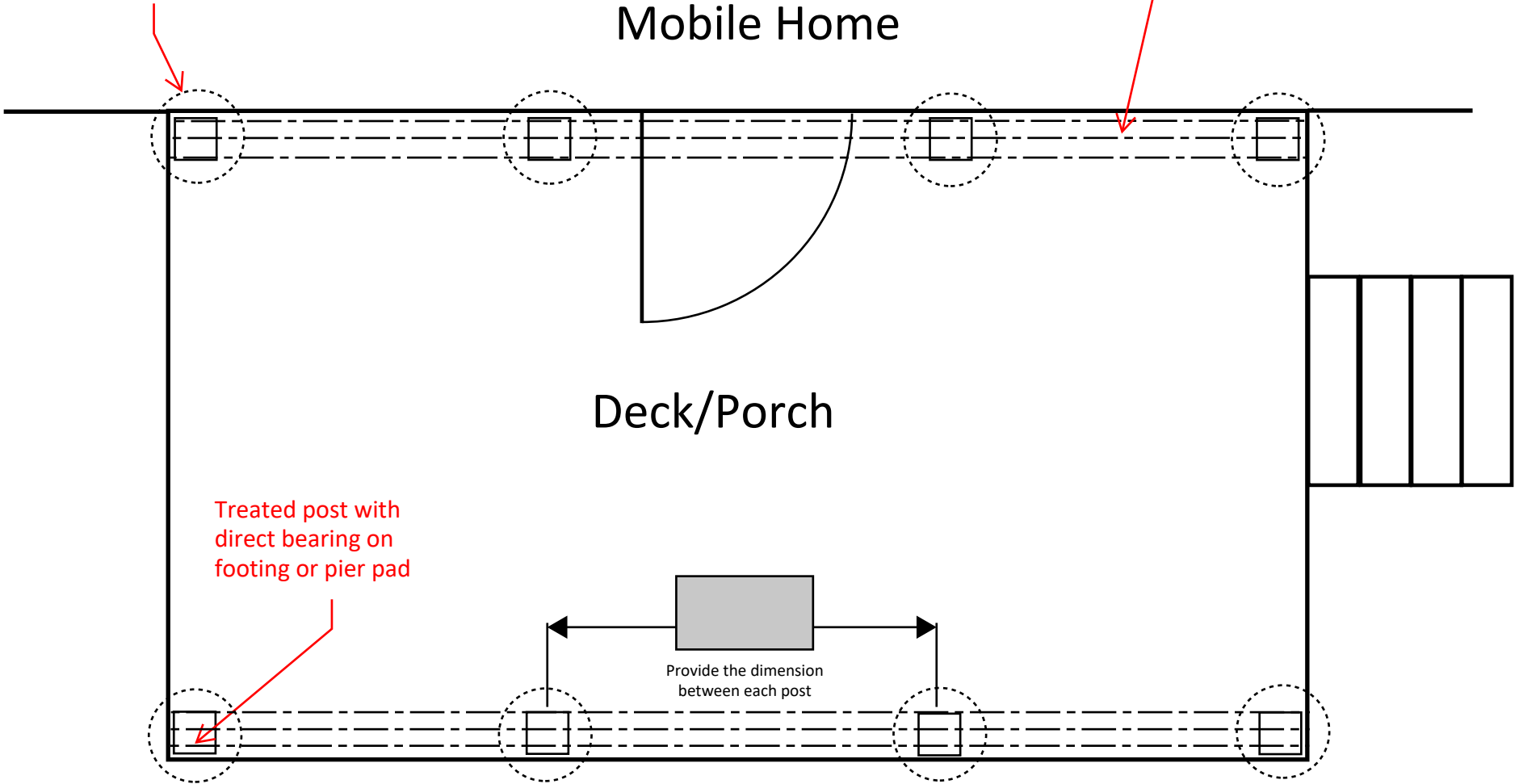


Foundations for decks and porches shall be either frost protected footings with a minimum depth of 42", or pre-cast pier pads, which sit level above grade. All footings shall be of the same type.

Beams shall be a double member with direct bearing on the support posts below by notching the post or using a post cap as shown on the detail below

Mobile Home

Deck/Porch



Treated post with direct bearing on footing or pier pad

Provide the dimension between each post

Fill in the appropriate information below:

Post size: _____ Post spacing: _____

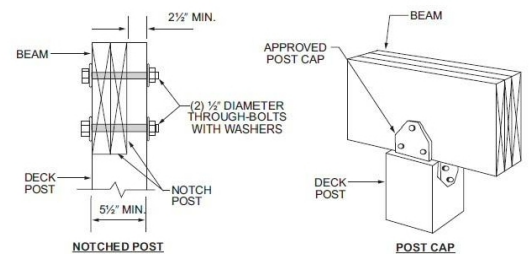
Joist size: _____ Joist spacing: _____

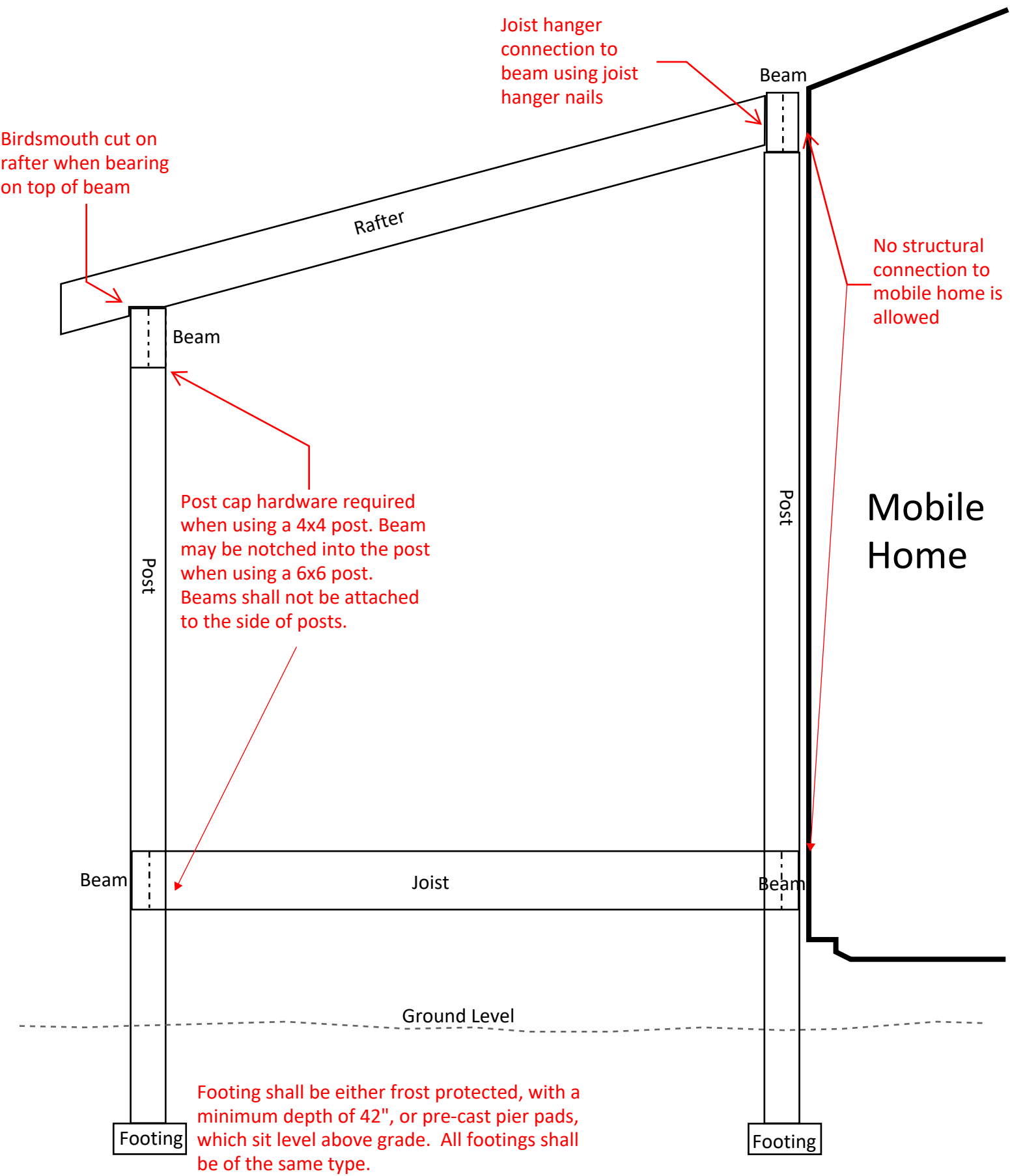
Deck beam size: _____

Rafter size: _____ Rafter spacing: _____

Rafter beam size: _____

Deck beams shall be attached to deck posts in accordance with the figures below or by other equivalent means capable to resist lateral displacement:





Joist hanger connection to beam using joist hanger nails

Birdsmouth cut on rafter when bearing on top of beam

No structural connection to mobile home is allowed

Post cap hardware required when using a 4x4 post. Beam may be notched into the post when using a 6x6 post. Beams shall not be attached to the side of posts.

Mobile Home

Footing

Footing

Footing shall be either frost protected, with a minimum depth of 42", or pre-cast pier pads, which sit level above grade. All footings shall be of the same type.

Ground Level

Beam

Joist

Beam

Beam

Beam

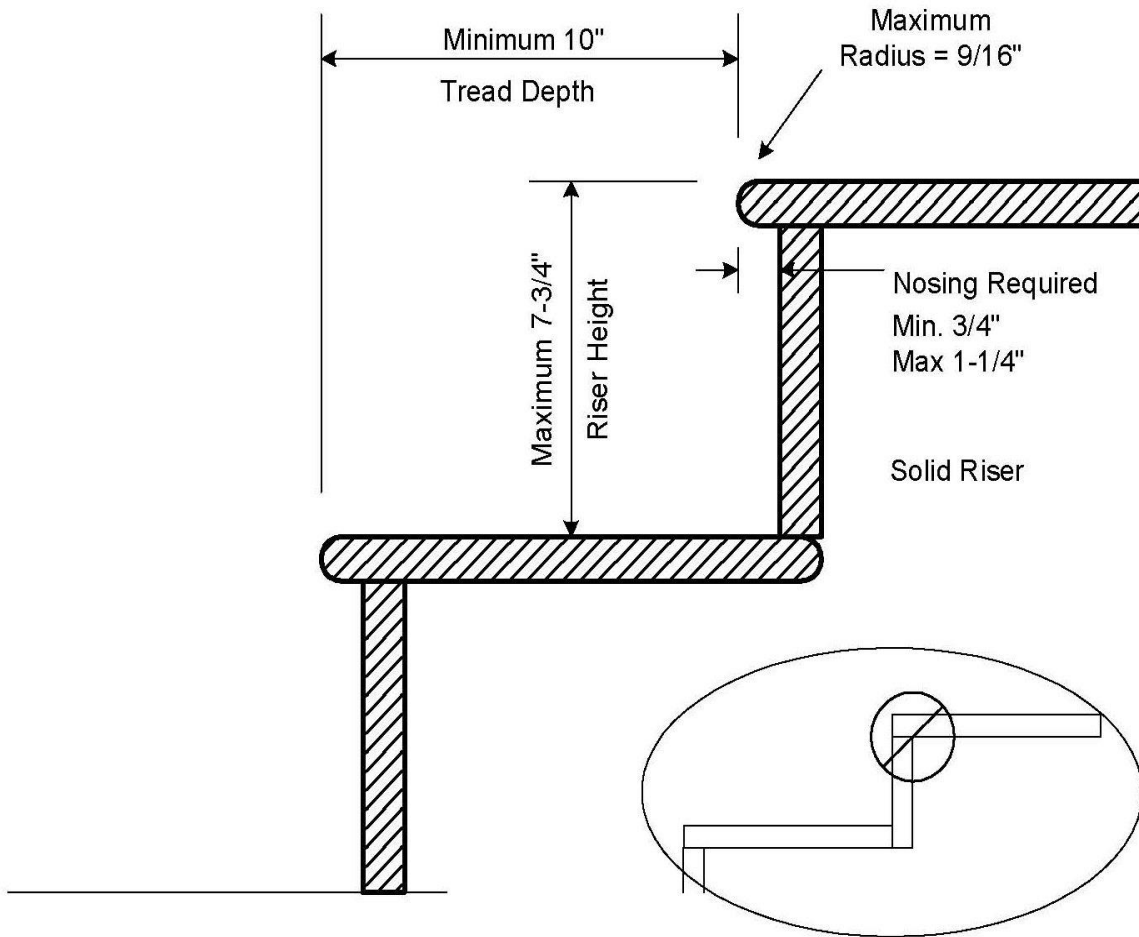
Post

Post

Rafter

Treads & Risers

Treads & Risers shall be uniform throughout flight



STAIR PROFILE:

NOSING REQUIRED:

- A nosing not less than 3/4" and not more than 1-1/4" shall be provided on stairs with solid risers.
- The greatest nosing projection shall not exceed the smallest by more than 3/8 inch.
- A nosing is not required where the tread depth is a minimum of 11 inches.

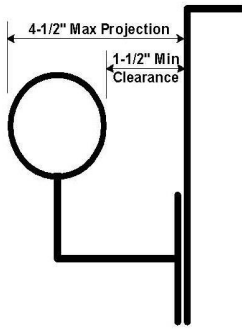
RISERS:

- Risers shall be solid or
- May be open risers if the opening between treads does not permit the passage of a 4" diameter sphere.

Handrails Required

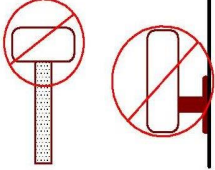
Stairways with 4 or more risers shall have a graspable handrail between 34" - 38" above the stairs, continuous for the full length of the flight, from a point directly above the top riser to a point directly above the lowest riser. Approved shape shown below:

Clearance: 1-1/2" minimum between the handrail & wall



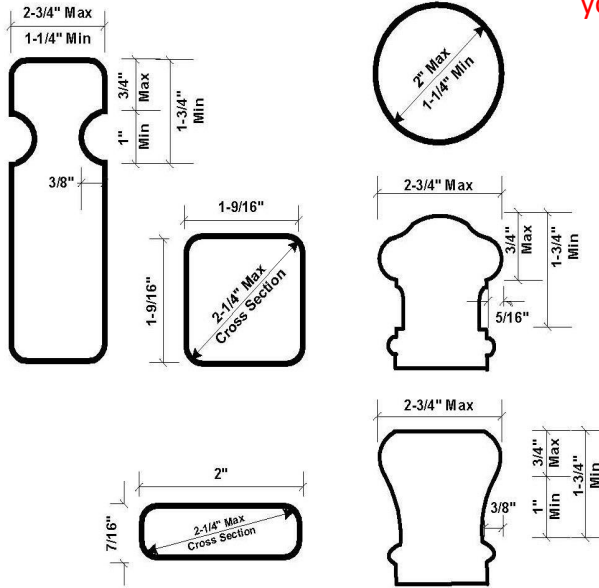
Not Approved Shapes

Flat 2 x 4



Approved Handrail Shapes

Other shapes may be acceptable if they provide equivalent graspability



Circle the Handrail shape that you will be using or provide your own detail

Guards Required

Porches and decks that are located more than 30 inches above grade shall have a guard that is at least 36 inches in height. Open sides of stairs (or ramps) with a total rise of more than 30 inches above grade shall have a guard that is at least 34 inches in height. Required guards shall not allow the passage of a 4 inch sphere.

