



## Lancaster County, South Carolina Building & Zoning

101 N. Main Street  
Lancaster, SC 29720  
Ph: 803-285-1969 Fax: 803-416-9380  
[www.mylancastersc.org](http://www.mylancastersc.org)

### **Typical Residential Construction Detail Drawings**

These drawings are provided to assist customers who possess limited construction knowledge when applying for a residential construction permit.

How to use these drawings:

Please indicate the type of foundation you intend to construct, also include the width and depth of the footing.

Write the appropriate sizes and dimensions of all the framing members to be used.

Attach at least (2) copies of detail drawings to any other plans, details, or any other information you may have and submit all the documents with your permit application.

To apply for a residential permit for a home, addition, alteration, or an accessory structure, a minimum of (2) sets of construction details must be submitted. These details are needed to determine compliance with the building codes adopted by the State of South Carolina and Lancaster County.

Note: The drawings and information included may reflect minimum code requirements for reference purposes only and do not reflect all code requirements. If construction methods differ from minimum code standards, additional details may be required.

The enclosed drawings are not meant to serve as a substitute for standard construction plans or drawings where required.

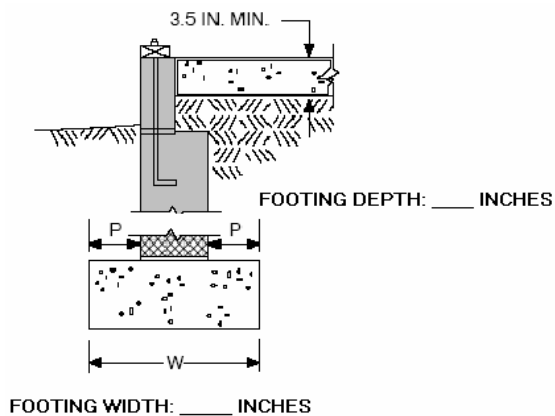


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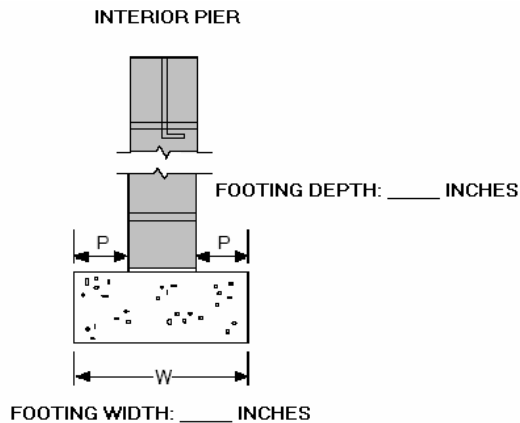
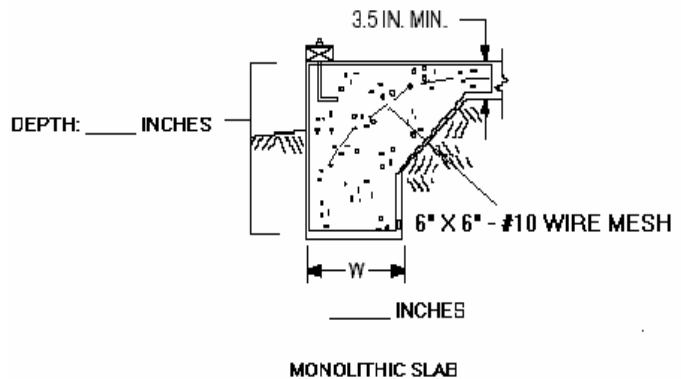
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## Foundation and Footing Details

Please indicate the type of foundation to be used; also provide the width and depth of footings.



GROUND SUPPORT SLAB  
WITH MASONRY WALL  
AND SPREAD FOOTING



BASEMENT OR CRAWL SPACE  
WITH MASONRY WALL AND  
SPREAD FOOTING

**Notice:** The International Residential Code requires that footings be placed at least 12" below undisturbed ground. If placed on fill, soils must be capable of supporting the footing and foundation and shall be designed, installed and tested in accordance with accepted engineering practice.

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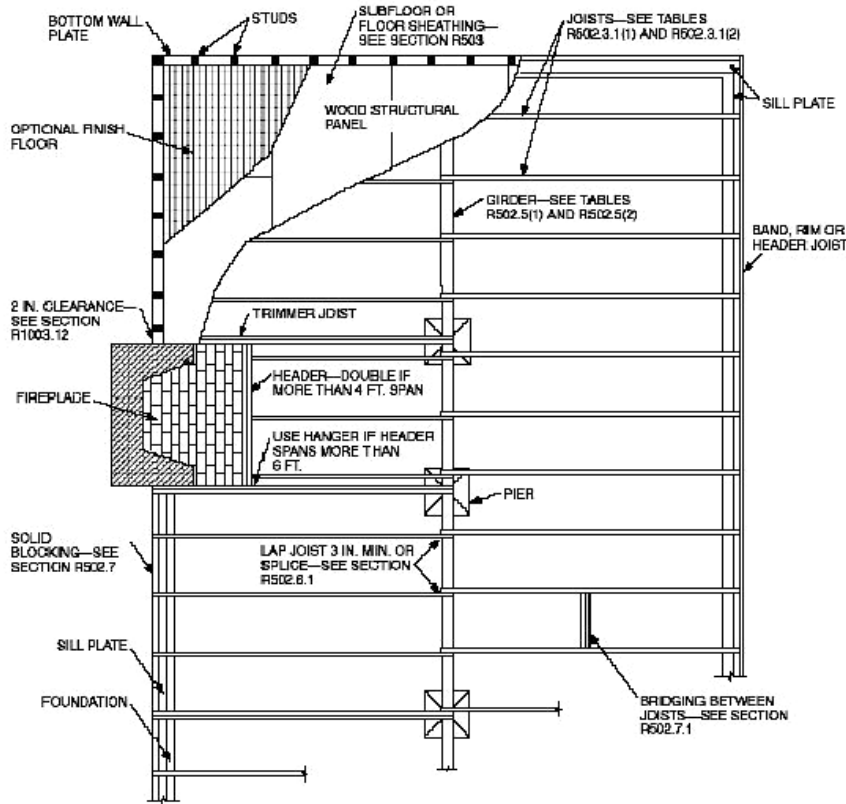


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## Floor Framing Details

Please indicate the size, length, and spacing of floor framing at the bottom of the page.



FLOOR JOIST SIZE = \_\_\_\_\_ IN. X \_\_\_\_\_ IN. @ \_\_\_\_\_ INCHES O.C.

BEAM/GIRDER SIZE = \_\_\_\_\_ EA. \_\_\_\_\_ IN. X \_\_\_\_\_ IN. @ \_\_\_\_\_ FT

FIGURE R502.2  
FLOOR CONSTRUCTION

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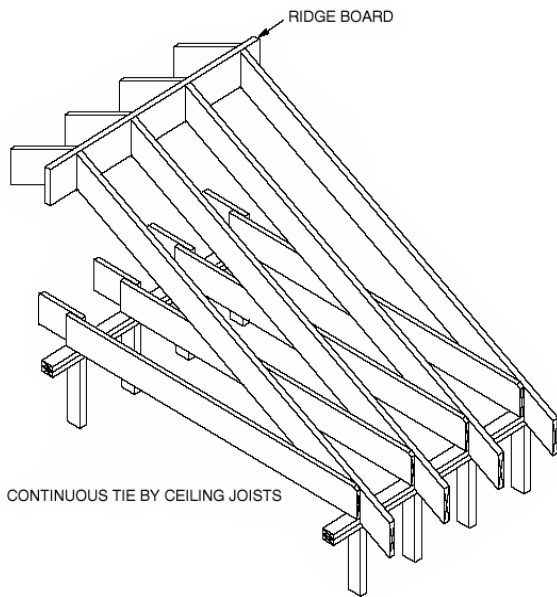


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## Roof and Wall Framing Details

Please indicate size of rafters, ceiling joists, studs and headers below.

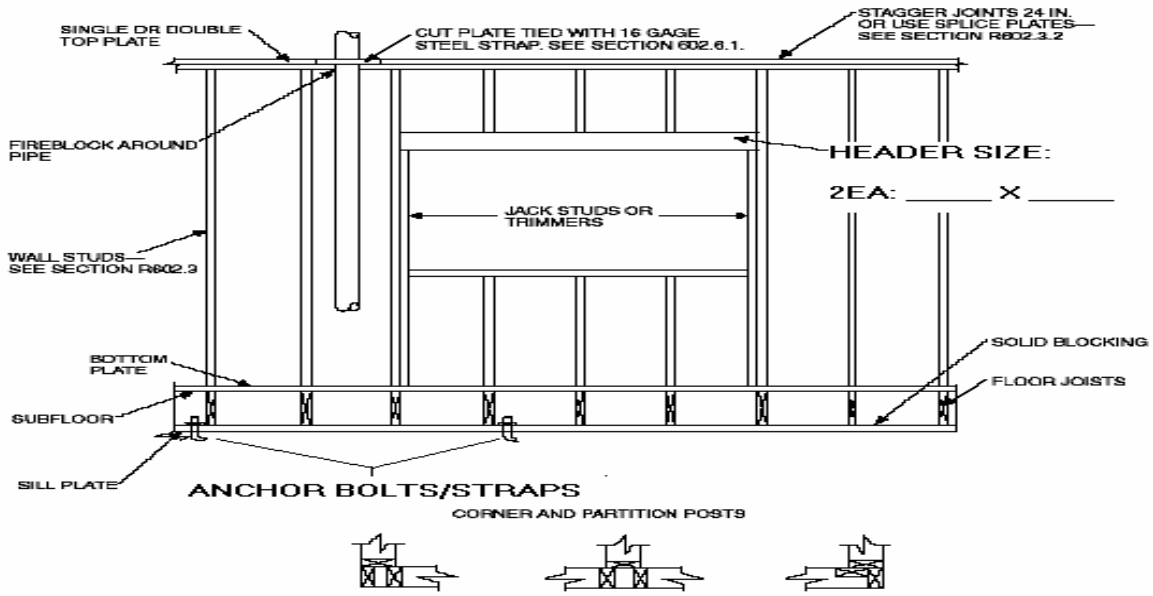


Rafter : \_\_\_\_ x \_\_\_\_ @ \_\_\_\_ o.c.

Ceiling Joist: \_\_\_\_ x \_\_\_\_ @ \_\_\_\_ o.c.

Stud: \_\_\_\_ x \_\_\_\_ @ \_\_\_\_ o.c.

(Engineered truss details must be on job site at rough-in inspection)



Note: A third stud and/or partition intersection backing studs shall be permitted to be omitted through the use of wood backup cleats, metal drywall clips or other approved devices that will serve as adequate backing for the facing materials.

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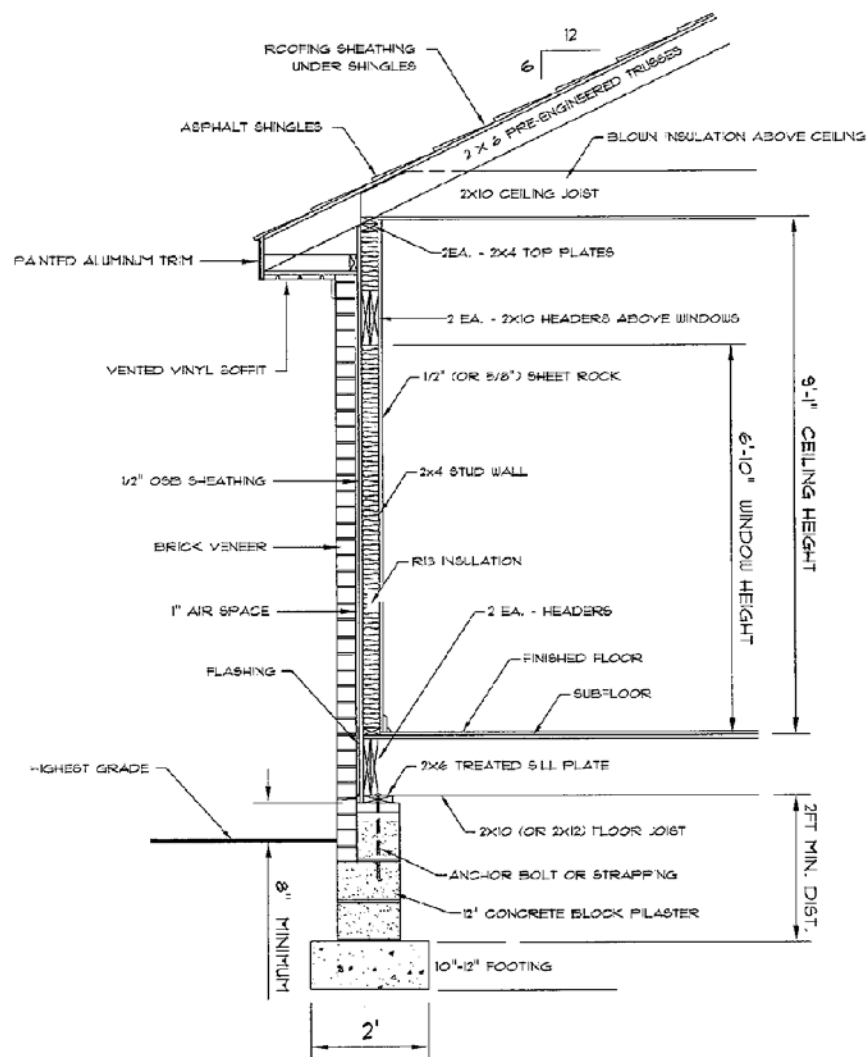


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## Typical Wall Section

Provide actual building materials for construction.



WALL SECTION / FOUNDATION DETAIL

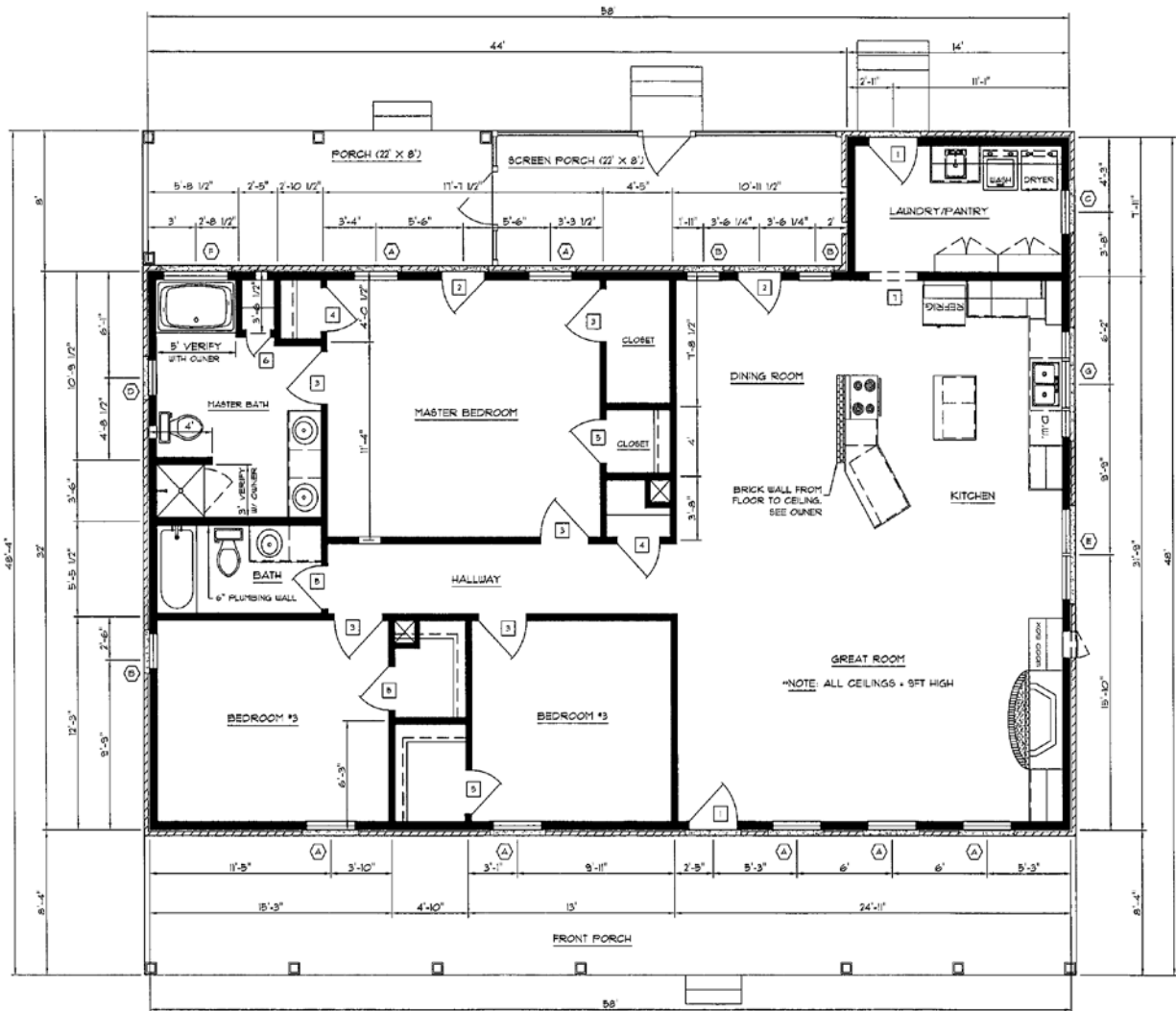
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### Floor Plan

This is a sample floor plan; need to provide dimensions and layout of construction.



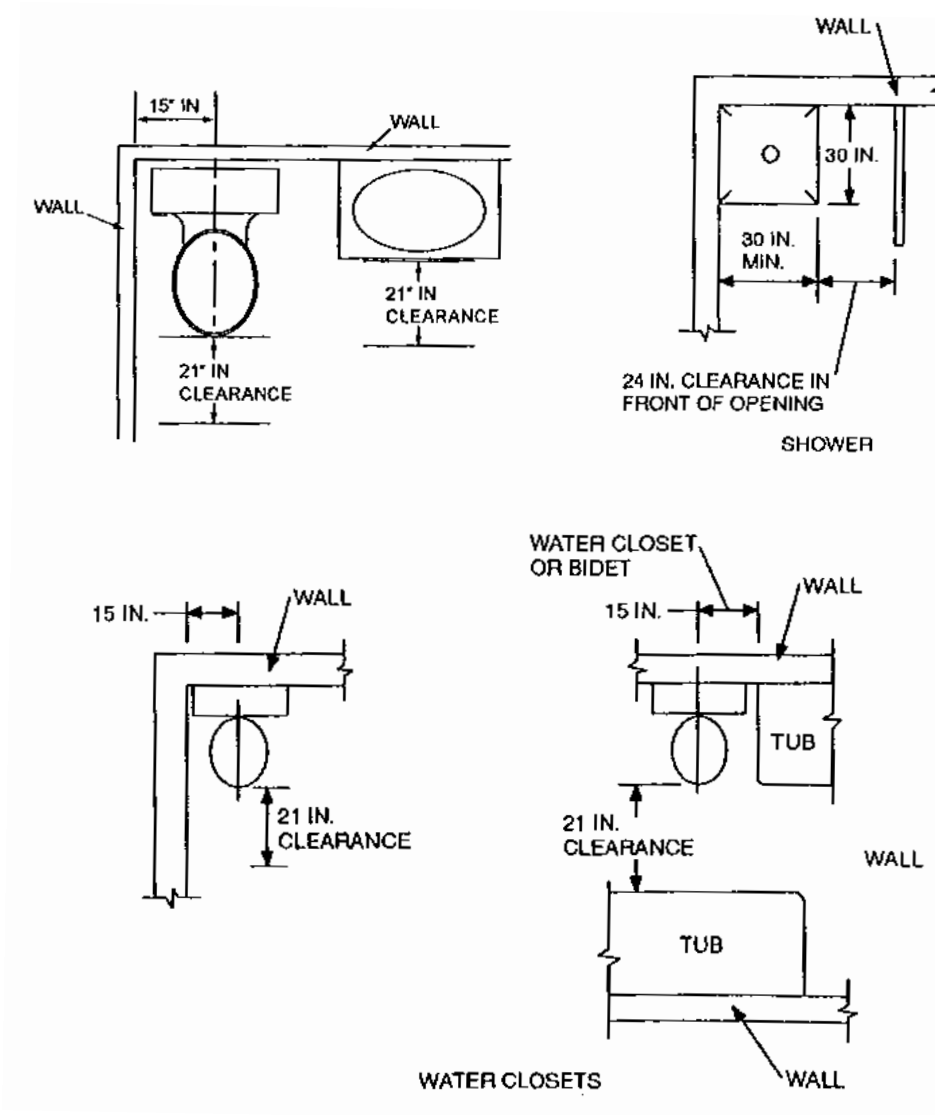
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## Minimum Plumbing Fixture Clearance



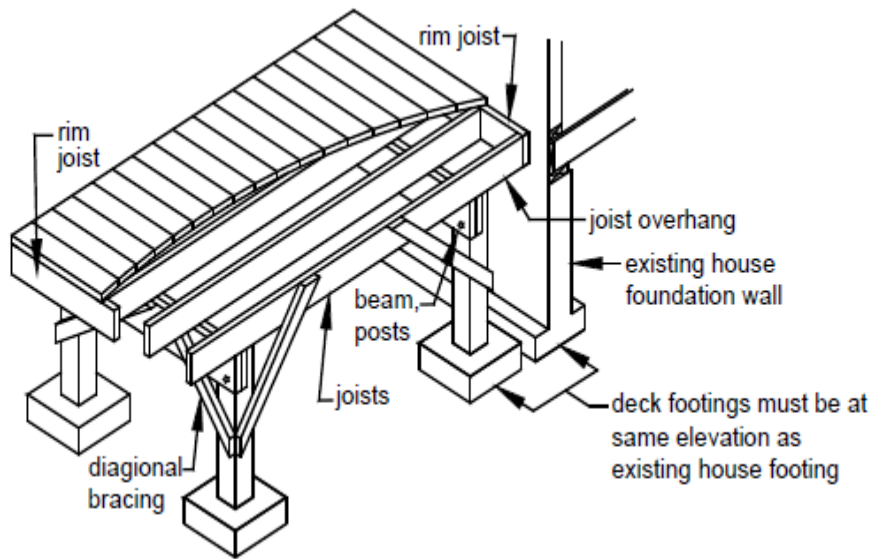
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## Deck Construction Details

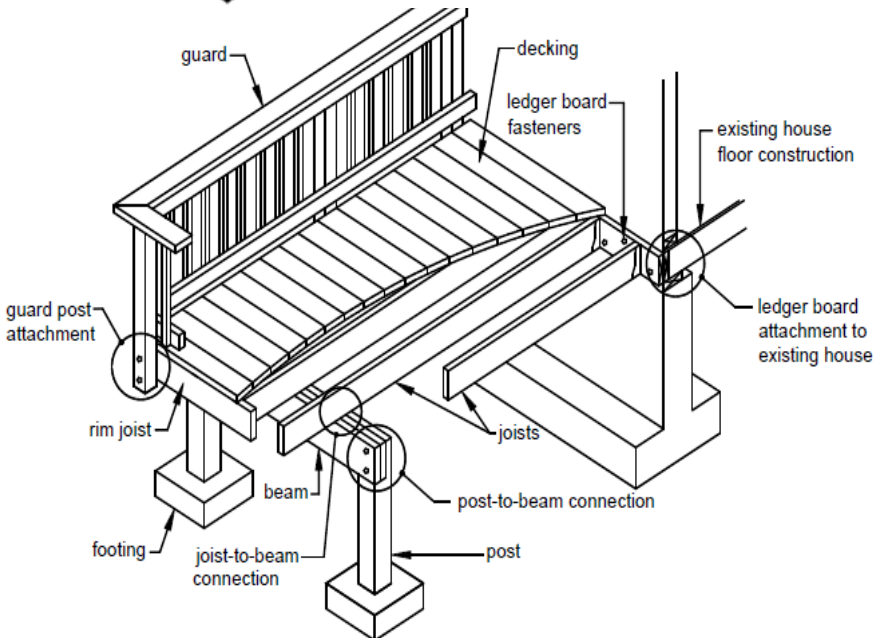


Decking  
Material: \_\_\_\_\_

Floor Joist  
Size \_\_\_\_\_

Beam/Girder  
Size \_\_\_\_\_

Post  
Size \_\_\_\_\_



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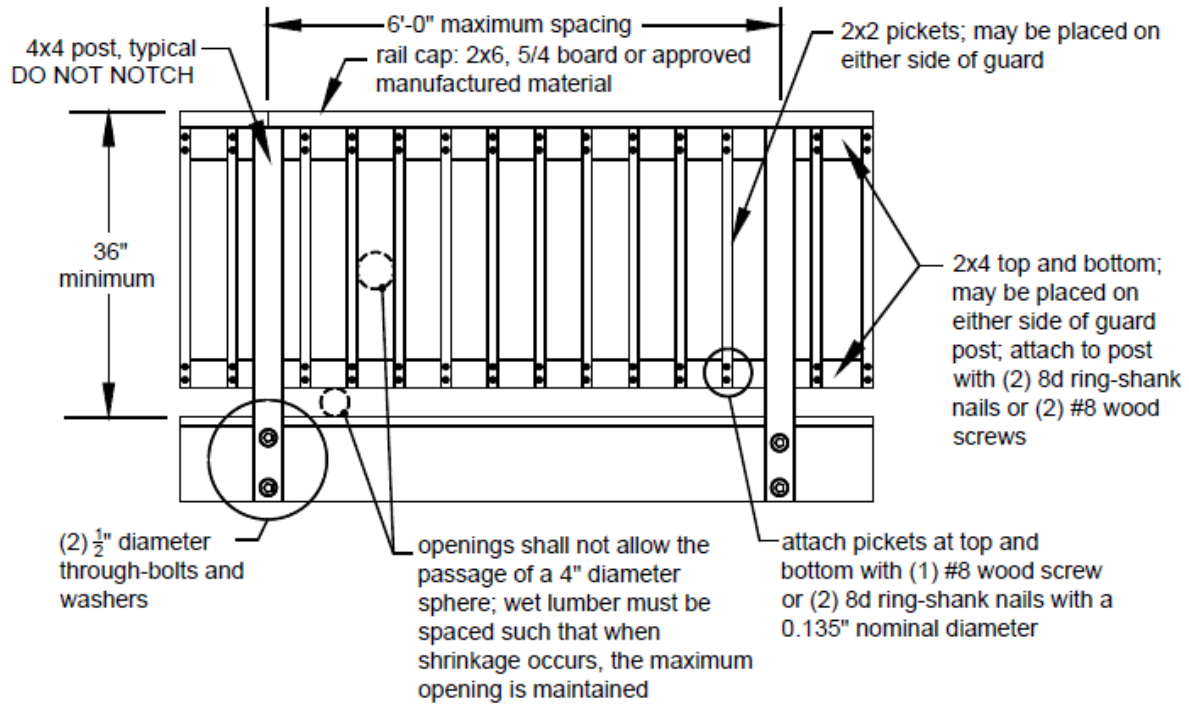




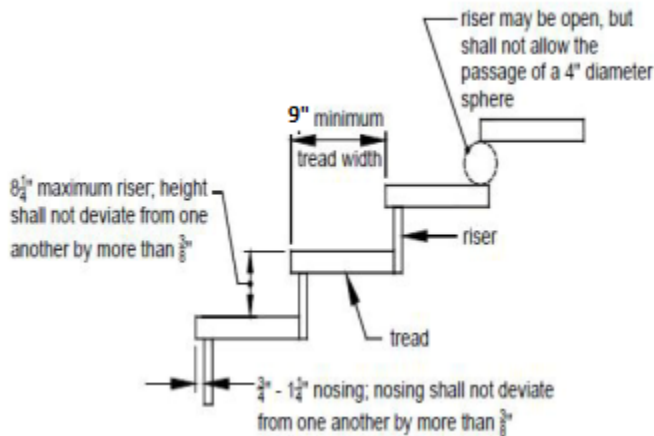
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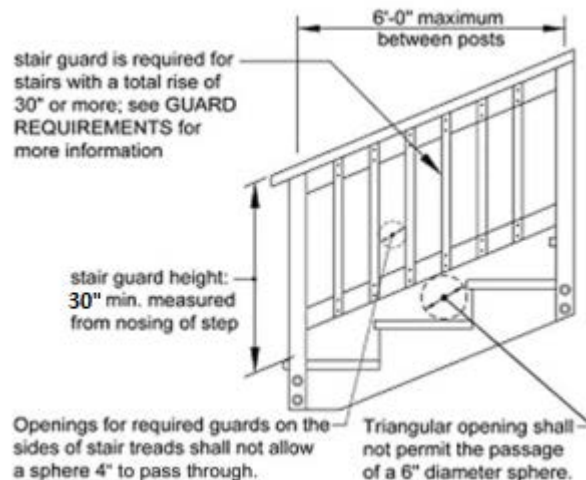
## Handrails and Guardrails



## Tread and Riser Detail



## Handrail Requirements



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