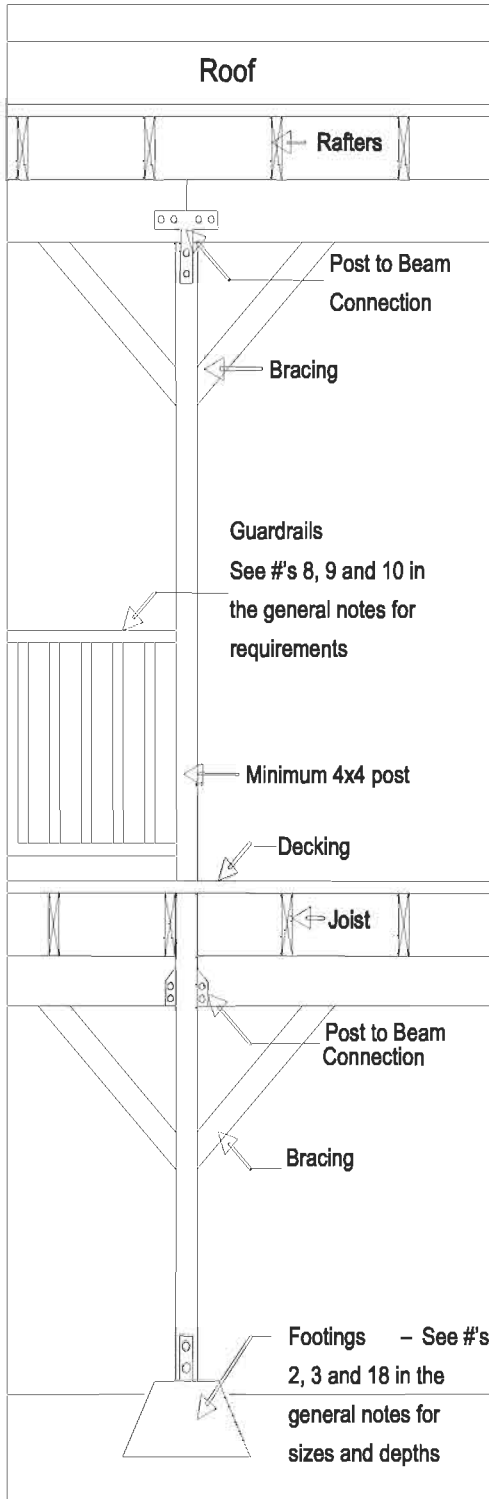


Southwest Washington Chapter of ICC

This construction detail is accepted as meeting the minimum standard of construction as based upon the 2004 IBC / WAC 51-50 requirements and is accepted in the following regional jurisdictions

Clark County, Cowlitz County, Skamania County, City of Camas, City of Centralia, City of Kalama
City of Longview, City of Ridgefield, City of Vancouver, City of Washougal, City of Woodland

TYPICAL RESIDENTIAL DECK DESIGN ELEMENTS. THIS IS FOR INFORMATION ONLY NOT TO BE USED AS A CROSS SECTION



1. Decks to be braced to prevent lateral movement.
2. A minimum deck footing of 12"x12"x8" is required for all decks.
3. Decks over four feet in height will require an 18"x18"x8" footing.
4. Covered decks may require large footings.
5. Decks may not be supported by manufactured homes.
6. Wood exposed to moisture shall be treated for such application or shall be of natural resistance to decay
7. Landings at stairs shall have a minimum length of travel of not less than 36".
8. Guardrails are required on walking surfaces more than 30" above grade.
9. Guardrails shall have a minimum height of 36".
10. Guardrails shall be designed so a 4" sphere may not pass through at any point.
11. Handrails are required on stairways with four or more risers.
12. Handrails shall be located 34"-38" above the nose of the tread.
13. Handrails shall not have open ends.
14. Handrails shall be 1¼" to 2" in diameter.
15. If using a 2x4 or 2x6 on edge for a handrail it must be grooved to create a grippable surface. (see detail #25)
16. Provide a positive connection between all posts and beams and between all posts and footings.
17. All deck covers are required to be braced.
18. All deck covers will require an 18"x18"x8" footing pad minimum positioned 12" below grade and having a positive connection to the post.

#53 03/02