

Using the Code Book - Wall Framing Worksheet

Directions: Using the *IRC for One- and Two-Family Dwellings* or online resources find the answers to the following questions.

1. What chapter and section numbers do you find the codes governing wall framing?

Chapter: _____

Section numbers: _____

2. What are the 3 minimum stud grades that can be used to frame a wall?

3. How far apart (in feet) must joints in the top plates be?

4. Under what section number will you find the code addressing the bottom or sole plate?

5. According to Table R602.3(1) what size nails and how many of those nails must be used to end nail studs to the top and bottom plate?

Quantity: _____

Size: _____

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6. Using the appropriate tables in section 602.3(5) find the maximum on-center spacing of 2x4 studs when supporting one floor, roof, and ceiling. Please state your answer in inches.

7. According to Figure R602.3(1), what section will you find the provisions for drilling and notching studs?

8. According to Figure R602.3(1), what do we call a wall that carries a load from above?

9. According to Table R602.3.1, what is the maximum allowed height of a 2x6 stud when spaced at 16" OC and supporting only a roof? (state you answer in feet).

10. Using the figures R602.6(1) and (2), what **percentage** of a stud's width can be bored out to allow for plumbing, electrical, etc.?

11. Using the maps at the front of the book, what **letter** represents the highest "Seismic Design Category" located in Southern California?

12. When notching top plates to allow for plumbing vents, (a) what does the code require you install? **(b) What size nails** should you install and (c) with and **how many** of those nails do you need to use?
 - a. _____
 - b. _____
 - c. _____