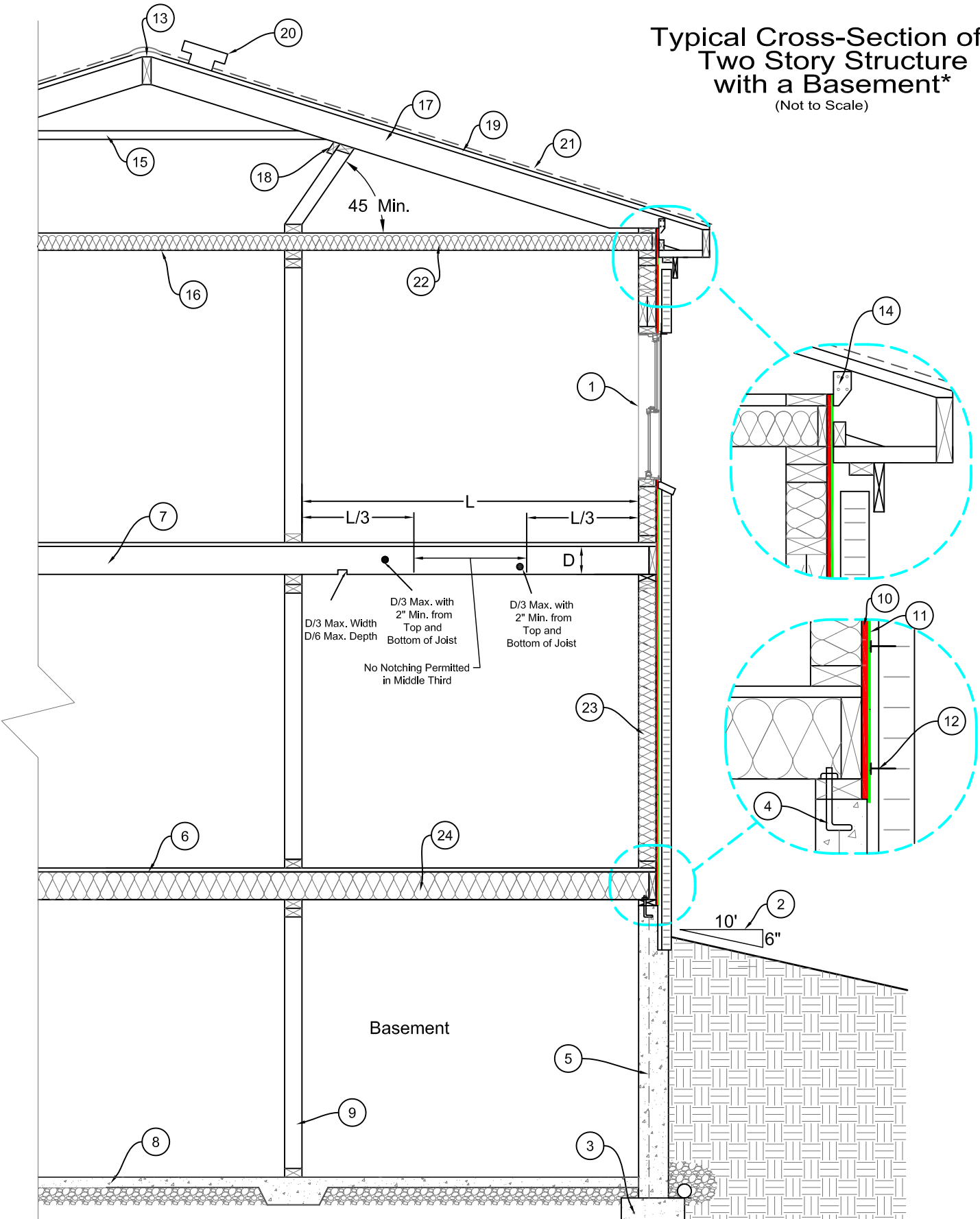


Typical Cross-Section of a
Two Story Structure
with a Basement*
(Not to Scale)



* The above typical cross-section does not include all code requirements and is only intended to aid in construction planning. Please refer to the Uniform Kentucky Building/Residential Code and your local code official for additional requirements.

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Two Story Structure
with a Basement

Each numbered line below corresponds with the same number on Page 1 Typical Cross-Section. Carefully read each line and fill in the blanks accurately. Please refer to the Uniform Kentucky Residential Code and your local code official for additional requirements.

Code Section:

- R310.1.1. 1. Every sleeping room shall have at least one operable emergency rescue opening with a minimum net clear opening of 5.7 square feet.
- R401.3 2. Final grade shall fall a minimum of 6 inches within the first 10 feet from the building.
- R403.1.1 3. Minimum width of concrete footings shall be _____ inches.
- R403.1.6 4. Wood sill plates shall be anchored to the foundation with anchor bolts at least ½ inch in diameter, embedded a minimum of 7 inches into the foundation, not more than 12 inches from sill plate ends, and spaced a maximum of 6 feet on center.
- R404.1.2 5. Foundation walls shall be a minimum of _____ inches thick with # _____ rebar vertical reinforcement spaced a maximum of _____ inches on center.
- R502.3 6. First story floor joist are _____ x _____ spaced _____ inches on center with a maximum span of _____ feet _____ inches.
- R502.3 7. Second story floor joist are _____ x _____ spaced _____ inches on center with a maximum span of _____ feet _____ inches.
- R506 8. Concrete slab-on-ground floors shall be a minimum of 3.5 inches thick on a 4-inch-thick gravel base course with a 6 mil polyethylene vapor barrier placed between the concrete floor slab and the base course.
- R602.3.1 9. Load bearing stud walls are _____ x _____ spaced _____ inches on center with a maximum height of _____ feet _____ inches.
- R602.10.3 10. Exterior walls wood structural panel sheathing will be _____.
- R703.2 11. Exterior walls water resistive barrier will be _____.
- R703.7.4.1 12. Masonry veneer shall be anchored with corrosion resistant metal ties spaced not more than 24 inches on center horizontally and vertically.
- R802.3 13. All ridge, hip, and valley boards shall be a minimum of 2 inches in nominal thickness and not less in depth than the cut end of the rafter.
- R802.3.1 14. Each rafter shall be fastened with an approved connector providing a continuous load path with a minimum resistance to uplift of 175 pounds.
- R802.3.1 15. Collar ties shall be located in the upper third of the attic spaced not more than 4 feet on center.
- R802.4 16. Ceiling joist are _____ x _____ spaced _____ inches on center with a maximum span of _____ feet _____ inches.
- R802.5 17. Rafters are _____ x _____ spaced _____ inches on center with a maximum span of _____ feet _____ inches.
- R802.5.1 18. Purlins may be used to reduce the span of rafters.
- R803.2.2 19. Roof wood structural panel sheathing will be _____.
- R806.2 20. Roof ventilation shall not be less than 1 sq. ft. for each 150 sq. ft. of attic space.
- R905.1 21. Roof covering material will be _____.
- N1101.1 22. Ceiling insulation value will be an R- _____.
- N1101.1 23. Exterior wall insulation value will be an R- _____.
- N1101.1 24. Floor insulation value will be an R- _____.