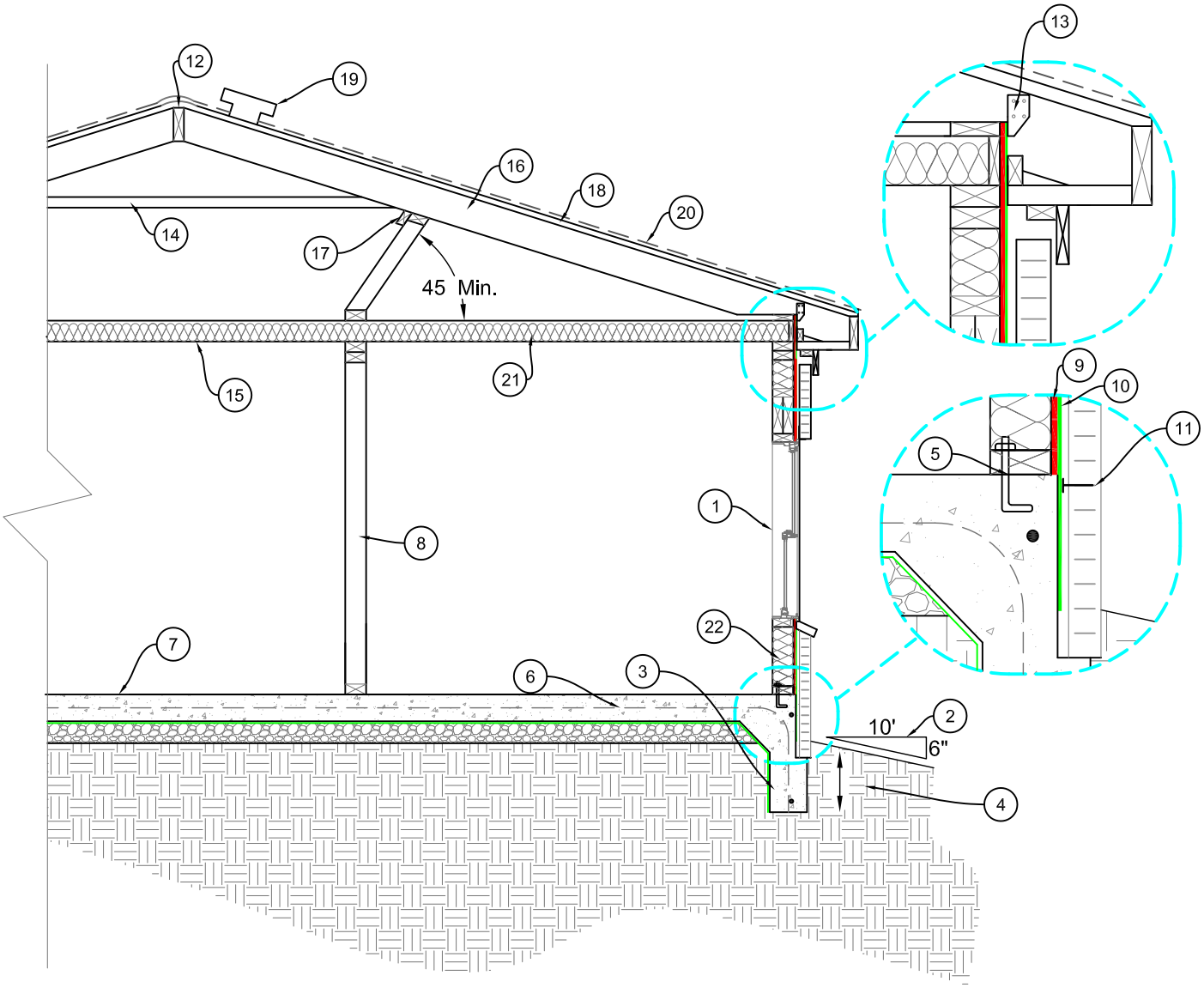
Typical Cross-Section of a One Story Structure on a Slab on Grade *

(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 Buildin/ Residentail Code and your local code official for additional requirements.

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One Story Structure
on a Slab on Grade

Code Section:

R310.11.	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.
R403.1.4	4. All exterior footings shall be placed a minimum of 24 inches below final grade.
R403.1.6	5. 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	6. Foundation walls shall be a minimum of _____ inches thick with # _____ rebar vertical reinforcement spaced a maximum of _____ inches on center.
R506	7. 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	8. Load bearing stud walls are _____x_____ spaced _____ inches on center with a maximum height of _____ feet _____ inches.
R602.10.3	9. Exterior walls wood structural panel sheathing will be _____.
R703.2	10. Exterior walls water resistive barrier will be _____.
R703.7.4.1	11. Masonry veneer shall be anchored with corrosion resistant metal ties spaced not more than 24 inches on center horizontally and vertically.
R802.3	12. 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	13. 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	14. Collar ties shall be located in the upper third of the attic spaced not more than 4 feet on center.
R802.4	15. Ceiling joist are _____x_____ spaced _____ inches on center with a maximum span of _____ feet _____ inches.
R802.5	16. Rafters are _____x_____ spaced _____inches on center with a maximum span of _____ feet _____ inches.
R802.5.1	17. Purlins may be used to reduce the span of rafters.
R803.2.2	18. Roof wood structural panel sheathing will be _____.
R806.2	19. Roof ventilation shall not be less than 1 sq. ft. for each 150 sq. ft. of attic space.
R905.1	20. Roof covering material will be_____.
N1101.1	21. Ceiling insulation value will be an R- _____.
N1101.1	22. Exterior wall insulation value will be an R- _____.