

Town of Clayton
Fire Prevention and Building Code Office
405 Riverside Drive
Clayton, NY 13624

BUILDING CONSTRUCTION QUESTIONNAIRE

Reference are to the Residential Code (RC) which is available for review at this office.

Note: Failure to complete all relevant portions of this document may delay processing of your application!
Use additional sheets as required for clarity and completeness.

Name: _____ Permit Application # _____
(Person completing this questionnaire)

Town of: _____

- _____ 1. Have you enclosed a copy of your Town/Village Zoning Permit?
- _____ 2. If building a septic system has a perk test been done and have you included a Detailed septic system plan? Include the completed and signed perk test document.
(RC Chapter 26 and NYS Department of Health Appendix 75A)
- _____ 3. Have you included a plot plan of your project showing property lines, location of Project, well/septic locations and distance between them, etc?
- _____ 4. Foundation information required: (RC Chapter 4)
- a) Detailed drawing of the footing including depth below grade, height and width, material (concrete, gravel, etc.), reinforcement (rebar, metal mesh, fiber, etc.).
Use separate sheet.
 - b) Type of foundation wall system: width, height, steel reinforcement (size, frequency), exterior drain to daylight? Sump pump?
 - c) If foundation walls are to be insulated provide details. If foam materials are used, cover with ½" gypsum board or other material to provide 15 minute thermal barrier. (RC 318.1.2)
 - d) What will crawl space, basement be used for? (storage, living, etc.)
_____ If habitable space, provide emergency egress (see p.4).
 - e) Explain how the foundation is to be ventilated: _____
- _____ 5. Floor frame information: (RC Chapter 5) If multi-story detail each floor.
- a) Size, type, on-center spacing of floor joists (2x8, 2x10, etc.; 12, 16, 19.2, OC
(RC Table R502.3.1(1), (2)) _____
 - b) Type and size of sill plate (pressure treated, etc.) _____
 - c) Joist span (length between supports)? (RC Table R502.3.1(1),(2)) _____

d) Detail construction of girders if site-built; specification sheets if manufactured (RC502.11.1, RC802.10.1); type and spacing of support posts (use diagrams/dimensions)

e) Is bridging/blocking/bracing to be installed? Detail: full, cross-braced, (wood, metal) etc.

f) Type and thickness of floor sheathing: _____

g) Will floor be insulated? If so, detail: _____

____ 6. **Wall construction:** (RC Chapter 6)

a) Detail wall stud size (2x4, 2x6, etc.), type (wood, metal), and on-center spacing:

b) Type (plywood, OSB, etc.) and thickness of exterior wall sheathing:

c) Detail window and door widths, header sizes and construction type (RC 502.5(1), (2); 602.7.20):

d) Type of vapor barrier to be used on walls: _____

e) Type of exterior finish wall siding to be used: _____

f) Detail insulation (R-value and type to be used on wall: _____

g) Interior wall finish to be used (drywall, paneling, etc.)? _____

____ 7. **Roof-ceiling Construction:** (RC Chapter 8)

a) Detail roof frame construction including rated snow load, wind load and on-center spacing. If using pre-manufactured roof trusses provide site and owner-specific specification sheets. "Raised Heel" type trusses needed for R-38 insulation over top plate. Otherwise, you may need R-49 in the attic.

b) Indicate type (plywood, OSB, etc.) of sheathing for roof deck: _____

Type of roof covering (composition, metal, etc.): _____

Describe attic ventilation: _____

Attic Insulation and R-value: _____

Will attic insulation be carried out over top plate? _____

____ 8. **Heating systems:** (RC Chapters 12-24)

Detail system(s) to be used. Include Chimney construction (if applicable), furnace/boiler base support and specific information such as brochures and installation instructions, on woodstoves, pellet stoves, fireplaces, space heaters, etc. to be used. Please note: The *Energy Conservation Construction Code of NYS* requires additional insulation requirements if electrical energy is to be used. Before committing to electricity check the Energy Code or talk to your Code Enforcement Officer.

_____ 9. Plumbing: (RC Chapters 25-32)

a) Domestic water supply (public, private well, etc.), supply line size and materials (ABS, copper, PEX, polyethylene, PVC, cpvc, etc.)

b) Material and sizes of domestic potable water distribution piping:

_____ Note: PVC cannot be used for this purpose.

c) Drain-Waste-Vent materials and sizes (PVC may be used for DWV applications)

_____ 10. Fire protection/alarms: (RC Chapter 3, Section R317)

Detail fire protection equipment and alarm system to be installed. Detectors must be hard-wired; interconnected; battery back-up; located on each level (including basement); in each bedroom and area of bedrooms; plus, one carbon monoxide detector (can be combo unit) located in the area of bedrooms on the lowest level that has bedrooms.

_____ 11. Stairways: (RC Chapter 3, Sections R314-R316)

Riser height: (maximum 8 ¼") _____ Tread depth: (minimum 9") _____

Headroom: (minimum 6'8") _____

Handrails must be provided on at least one side of each stairway with two or more or more risers. Handrails shall be 34-38" above treat nosing.

Guards: surfaces >30" above grade/floor need guards at least 36" high

Guard openings: (balusters, spindles, etc.) must not allow passage of a 4" sphere.

Spiral stairs, circular stairs, winders : Check the Code or talk to CEO

Nosings: required where tread depth <11". See code or talk to CEO

_____ 12. Windows: (RC Chapter 3 Section R308)

a) Will insulated glazing be used? _____ If so, type? (low E, argon, etc.)

b) Will the sill height be not more than 44" above the finish floor? _____

c) Egress windows: IMPORTANT! See RC Section R310, next page.

_____ 13. Doors: (RC Chapter 3, Section R311)

a) Is there at least one main entrance to the residence providing direct access to The exterior with a side-hinged door at least 36" in width and 6'8" in height?

b) If there is a door entering the residence from an attached garage is it ¾ hour fire-rated, equipped with an automatic closer, and placed in a metal frame?

_____ 14. **Attached garage:** (RC Chapter 3 Section 309)

An attached garage must be separated from the residence and its attic area by an assembly which has a $\frac{3}{4}$ hour fire resistance rating. If there is habitable space over your garage, ceiling and supporting structure will need $\frac{3}{4}$ hour fire resistance rating: (i.e.: layer of 5/8" Type X gypsum)

_____ 15. **Floor plan:**

A floor plan of each floor, showing room sizes, openings and ceiling heights must be included with each application.

SECTION R310**EMERGENCY ESCAPE AND RESCUE OPENINGS**

R310.1 Emergency escape and rescue openings required. Basements with habitable space and every sleeping room shall have at least one openable emergency escape and rescue opening. Where emergency escape openings are provided they shall have a sill height of not more than 44 inches (1118 mm) above the floor. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section 310.3. The net clear opening dimensions required by this section shall be obtained by the normal operations of the emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with Section R310.2.

R310.1.1 Minimum opening area. All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m²).

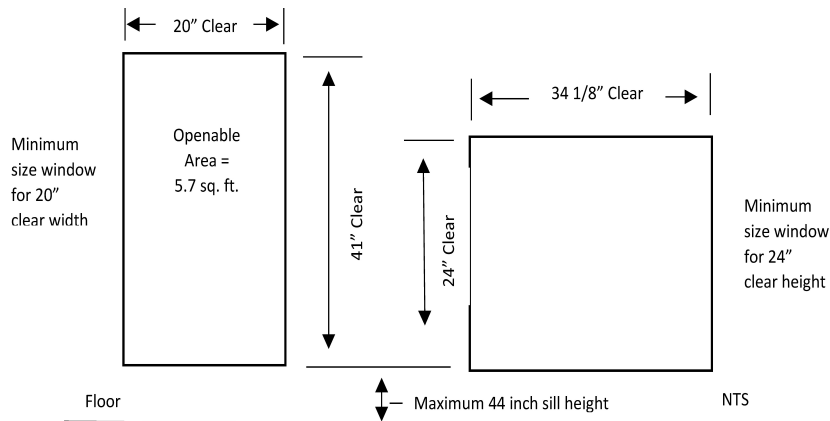
Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet (0.465 m²).

GRADE FLOOR OPENING. A window or other opening located such that the sill height of the opening is not more than 44 inches (1118 mm) above or below the finished ground level adjacent to the opening.

R310.1.2 Minimum opening height. The minimum net clear opening width shall be 20 inches (610 mm).

R310.1.3 Minimum opening width. The minimum net clear opening width shall be 20 inches (508 mm).

R310.1.4 Operational constraints. Emergency escape and rescue openings shall be operational from the inside of the room without the use



R 310.2.1 Ladder and steps. Window wells with a vertical depth greater than 44 inches (1118 mm) shall be equipped with permanently affixed ladder or steps usable with the window in the fully open position. Ladders or steps required by this section shall not be required to comply with Sections R314 and R315. Ladders or rungs shall have an inside width of at least 12 inches (305 mm), shall project at least 3 inches (76 mm) from the wall and shall be spaced not more than 18 inches (457 mm) on center vertically for the full height of the window well.

R310.3 Bulkhead enclosures. Bulkhead enclosures shall provide direct access to the basement. The bulkhead enclosure with the door panels in the fully open position shall provide the minimum net clear opening required by Section 310.1.1. Bulkhead Bulkhead enclosures shall also comply with Section R314.9.

R 310.4 Bars, grills, covers, and screens. Bars, grills, covers, screens or similar devices are permitted to be placed over emergency escape and rescue openings, bulkhead enclosures, or window wells that serve such openings, provide the minimum net clear opening size complies with Section R310.1.1 to R310.1.3, and devices shall be releasable or removable from the inside without the use of a key, tool, or force greater than that which is required for normal operation of the escape and rescue opening.

Note: All requested information relating to your project must be provided before a permit can be issued and before work can be started on the project.

ANY CHANGES TO THE SPECIFICATIONS ON THIS FORM AFTER THE PERMIT IS ISSUED MUST BE APPROVED BY THIS OFFICE!

If you have any questions call 315-686-3512. Feel free to use plans, drawings and the like to detail your project. Thank you.