

## Effective 2018 Residential Code Sections

The **2018 International Residential Code** effective February 14, 2022, with the following exceptions:

(A) The maximum riser height is 8 1/4 inches. There may be no more than a 3/8 inch variation in riser height within a flight of stairs. The riser height is to be measured vertically between leading edges of the adjacent treads.

(B) The minimum tread depth is 9 inches measured from tread nosing to tread nosing.

(C) The greatest tread depth within any flight of stairs may not exceed the smallest by more than 3/8 inch.

(D) Treads may have a uniform projection of not more than 1 1/2 inches when solid risers are used.

(E) Stairways may not be less than 3 feet in clear width and clear headroom of 6 feet 8 inches shall be maintained for the entire run of the stair.

(F) Handrails may project from each side of a stairway a distance of 3 1/2 inches into the required width of the stair.

(iii) The following provisions are **EXCLUDED from the 2018 IRC**

(A) Section R302.5.1 (relating to opening protection).

(B) Section R322.2.1 (relating to elevation requirements for flood hazard areas).

(C) Section R322.3.2 (relating to elevation requirements for coastal high hazard areas).

(D) Exception 2 of section R325.5 (relating to openness).

(E) Section R703.7.1 (relating to lath).

(F) Section R703.7.2 (relating to plaster).

(G) Section R703.7.3 (relating to water-resistive barriers).

(H) Section R806.2 (relating to minimum vent area).

(I) Section R1005.8 (relating to insulation shield).

(J) Section N1101.4 (relating to above code programs).

(K) Section N1103.3.5 (relating to building cavities).

(L) Section N1105.4.2 (relating to compliance report).

(M) Section N1106.3 (relating to energy rating index).

(N) Section N1106.6.1 (relating to compliance software tools).

(O) Section N1106.6.4 (relating to specific approval).

(P) Section N1106.6.5 (relating to input values).

(Q) Section N1108.1.1.2 (relating to heating and cooling systems).

(R) Section N1109.1.2 (relating to heating and cooling systems).

(S) Section M1305.1.3.2 (relating to pit locations).

(T) Section M1502.3.1 (relating to exhaust termination outlet and passageway size).

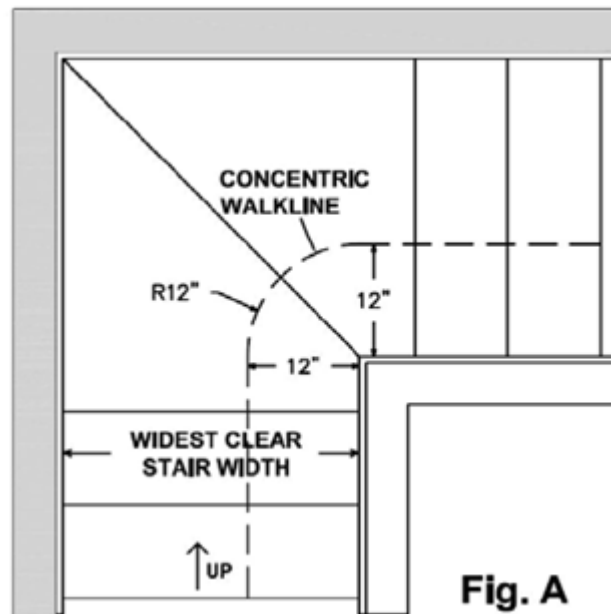
(U) Section P2503.5.1 (relating to rough plumbing).

(V) Section P2903.5 (relating to water hammer).

(W) Section P2906.6.1 (relating to saddle tap fittings).

(iv) The following provisions of the **2018 IRC are MODIFIED**

(A) Section R311.7.4 (relating to walkline) is amended by adding figure R311.7.4 (relating to winder tread and landing detail).



(B) Section R325.6 (relating to habitable attic) is amended by removing subsection 4.

(C) Subsection 2.4 of section R408.3 (relating to unvented crawl space) is amended to read as follows: "Dehumidification sized in accordance with manufacturer's specifications."

(D) Section R702.7.3 (relating to minimum clear airspaces and vented openings for vented cladding) is amended by adding a comma after the word "vinyl" in subsection 1.

(E) Section R703.7 (relating to exterior plaster (stucco)) is amended by requiring compliance with ASTM standards C926-2018B and C1063-2018B.

(F) The last sentence of section R806.1 (relating to ventilation required) is amended to read as follows: "Required ventilation openings shall open directly to the outside air."

(G) The first sentence of section R806.3 (relating to vent and insulation clearance) is amended to read as follows: "Where eave or cornice vents are installed, nothing shall block the free flow of air."

(H) The Fenestration *U*-Factor in Climate Zone 3 for Table N1102.1.2 (relating to insulation and fenestration requirements by Component) is amended to 0.35.

(I) Section N1105.2 (relating to mandatory requirements) is amended to require compliance with the mandatory provisions of section N1102.4.1.2 (relating to testing).

(J) Section E3901.11 (relating to foyers) is amended by replacing 3 feet (914 mm) with 6 feet (1829 mm) and a minimum of one receptacle.

The following provisions of the **International Residential Code of 2009 are adopted:**

\* \* \* \* \*

(F) Section P2503.5.1 (relating to rough plumbing).

The following provisions of the International **Residential Code of 2015 are adopted:**

(A) Section R806.2 (relating to minimum vent area).

- (B) Section N1105.4.2 (relating to compliance report).
- (C) Section N1106.3 (relating to energy rating index).
- (D) Section N1106.3.1 (relating to ERI reference design).
- (E) Section N1106.6.1 (relating to compliance software tools).
- (F) Section N1106.7 (relating to calculation software tools).
- (G) Section N1106.7.1 (relating to minimum capabilities).
- (H) Section N1106.7.2 (relating to specific approval).
- (I) Section N1106.7.3 (relating to input values).
- (J) Section N1108.1.1.2 (relating to heating and cooling systems).
- (K) Section N1109.1.2 (relating to heating and cooling systems).
- (L) Section M1305.1.4.2 (relating to excavations).
- (M) Section P2903.5 (relating to water hammer).

The following provisions of the **International Residential Code of 2021 are adopted:**

- (A) Section R703.7.1 (relating to lath).
- (B) Section R703.7.1.1 (relating to furring).
- (C) Section R703.7.2 (relating to plaster).
- (D) Section R703.7.3 (relating to water-resistive barriers).
- (E) Section R703.7.3.1 (relating to dry climates).
- (F) Section R703.7.3.2 (relating moist or marine climates).
- (G) Section M1411.6.1 (relating to refrigerant line insulation protection).

The **International Energy Conservation Code of 2018 except** that:

The following provisions are **EXCLUDED**

- (A) Section R102.1.1 (relating to above code programs)
- (B) Section C105.2.6 (relating to final inspection).
- (C) Section R403.3.5 (relating to building cavities (mandatory)).
- (D) Section C402.2.1 (relating to roof assembly).
- (E) Section R405.4.2 (relating to compliance report).
- (F) Section R406.3 (relating to energy rating index).
- (G) Section R406.6.1 (relating to compliance software tools).
- (H) Section R406.6.4 (relating to specific approval).
- (I) Section R406.6.5 (relating to input values).
- (J) Section R502.1.1.2 (relating to heating and cooling systems).
- (K) Section R503.1.2 (relating to heating and cooling systems).

The following provisions of the **2018 International Energy Conservation Code** are **MODIFIED**:

(A) Chapter RE 2 is amended by adding the definition of "framing factor" as the fraction of the total building component area that is structural framing.

(B) Table R402.1.2 (relating to insulation and fenestration requirements by component) is amended by modifying the Fenestration *U*-Factor in Climate Zone 3 to 0.35.

(C) Section R405.2 (relating to mandatory requirements) is amended to require compliance with the mandatory provisions of section R402.4.1.2 (relating to testing).

The following provisions of the **International Energy Conservation Code of 2009** are adopted:

(A) Section 102.1.1 (relating to above code programs).

(B) Section 104.3 (relating to final inspection).

(C) Section 403.2.3 (relating to building cavities).

(iv) The following provisions of the "International Energy Conservation Code of 2015" are adopted:

(A) Section C402.2.2 (relating to roof assembly).

(B) Exception 1 of section C402.5.3 (relating to rooms containing fuel-burning appliances).

(C) Section R405.4.2 (relating to compliance report).

(D) Section R406.3 (relating to energy rating index).

(E) Section R406.3.1 (relating to ERI reference design).

(F) Section R406.6.1 (relating to compliance software tools).

(G) Section R406.7 (relating to calculation software tools).

(H) Section R406.7.1 (relating to minimum capabilities).

(I) Section R406.7.2 (relating to specific approval).

(J) Section R406.7.3 (relating to input values).

(K) Section R502.1.1.2 (relating to heating and cooling systems).

(L) Section R503.1.2 (relating to heating and cooling systems).