



CITY OF ELMHURST

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ALL PLUMBING WALLS SHALL BE 2 X 6 WOOD STUD FRAMING (MINIMUM)

All plumbing walls shall be 2 x 6 studs (minimum) in single family dwellings and townhouses. The plumber shall not install plumbing in 2 x 4 stud walls. It shall be the plumber's responsibility to notify the general contractor when 2 x 6 walls are not provided for plumbing, and to have the proper framing installed before proceeding on any further work.

STAIRS

2003 INTERNATIONAL RESIDENTIAL CODE

R311.5.3.1 Riser height. The maximum riser height shall be 7 $\frac{3}{4}$ " (196 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than $\frac{3}{8}$ " (9.5 mm).

R311.5.3.2 Tread depth. The minimum tread depth shall be 10" (254 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than $\frac{3}{8}$ " (9.5 mm). Wider treads shall have a minimum tread depth of 10" (254 mm) measured as above at a point 12" (305 mm) from the side where the treads are narrower. Wider treads shall have a minimum tread depth of 6" (152 mm) at any point. Within any flight of stairs, the greatest wider tread depth at the 12: (305 mm) walk line shall not exceed the smallest be more than $\frac{3}{8}$ " (9.5 mm).

R311.5.6 Handrails. Handrails shall be provided on at least one side of each continuous run of treads or flight with four or more risers.

ICE PROTECTION

Shall be provided for asphalt shingled roofs that consists of a self-adhering polymer modified bitumen sheet, which shall be used in lieu of normal underlayment and shall extend from the eaves to a point at least 24" inside of the exterior wall line of the building.

CARPENTRY

- All framing shall be dimension lumber
- All framing shall be 16 in. O.C.
- All roof sheathing shall be $\frac{5}{8}$ " exterior grade plywood (particle board not permitted)
- All floors shall be 2 layers of $\frac{5}{8}$ " plywood or $\frac{3}{4}$ " plus $\frac{1}{2}$ " plywood
- All gypsum board shall be $\frac{5}{8}$ " GWB type "X"

FIRE PREVENTION

Carbon Monoxide Detectors shall be provided as follows:

- Outside each separate sleeping area in the immediate vicinity of the bedrooms
- On every floor on which a fossil fuel burning boiler or furnace is located and in the room in which the furnace or water heater is located
- On every floor in which sleeping rooms are heated by any type of warm air heating plant that burns fossil fuel. Ref. State of IL 91st General Assembly Legislation 91 HB0603 Engrossed.

Smoke Alarms shall be interconnected and shall be located per all requirements of Section R-313 of the IRC as follows:

- In each sleeping room
- Outside each separate sleeping area in the immediate vicinity of the bedrooms
- On each story of the dwelling, including basements
- Above or near the furnace

BASEMENTS AND WINDOW WELLS

Basements with habitable space and every sleeping room shall have at least one operable emergency escape and rescue opening (minimum opening shall have a net clear opening of 537 square feet. IRC R310.1

Window wells shall be 9 square feet with a minimum projection of 36" (the area of the window well shall allow the emergency escape and rescue window to be fully opened position). IRC R310.2.1

Window wells with a vertical depth greater than 44" shall be equipped with a permanently affixed ladder or steps usable with the window in the fully opened position. IRC R310.2.1

Window well covers are required (bars, grills, screens or similar devices are required to be placed over all window wells, whether rescue, escape or otherwise. They shall be capable of supporting a full grown adult (minimum capacity 250 lbs.) TAB 3-11/J