

Building Permit Guides

The City of Louisville Design Criteria, Prescriptive Energy Code, and items listed below shall take precedence over requirements listed in the Building Guides of the Colorado Chapter of International Code Council.

- The City of Louisville has adopted the 2018 International Code series.
- Please reference the city's design criteria and prescriptive energy code available on the City of Louisville website located at <https://www.louisvilleco.gov/local-government/government/departments/planning-building-safety/building-permit-guides>.
- All decks are required to be designed by a structural engineer and shall include an engineer stamp and signature.

Sec. 15.05.130. - Section R507.1 amended—Decks.

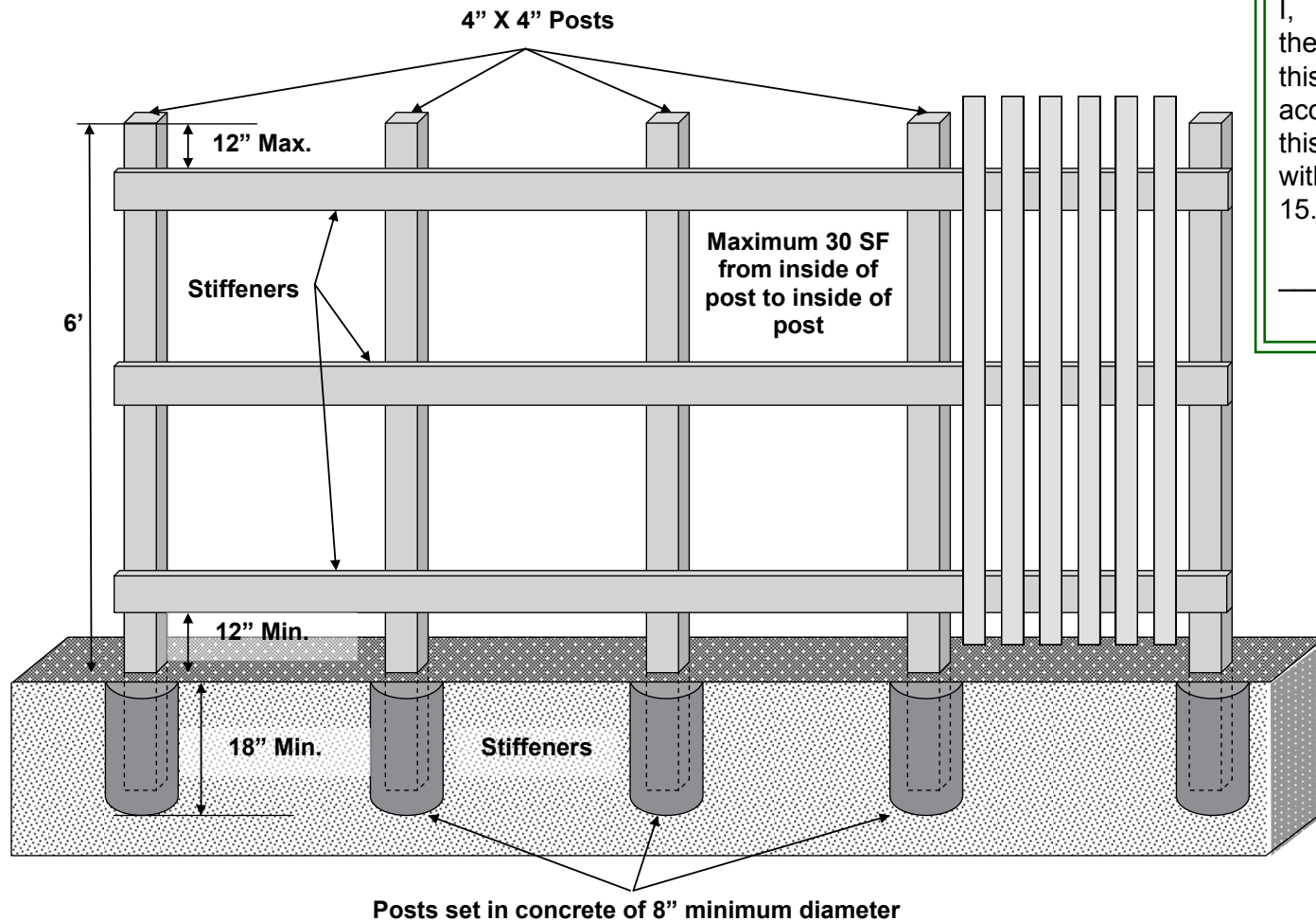
https://library.municode.com/co/louisville/codes/code_of_ordinances

Section R507.1 of the 2018 International Residential Code is amended to read as follows:

R507.1 Decks. *Wood-framed decks shall comply with the standards set forth in this section. For decks using materials and conditions not prescribed in this section, refer to Section R301. All decks that are structurally supported from an existing residential home shall be engineered by a structural engineer that is licensed with the State of Colorado.*

- Flat roof and patio covers may be required to be designed by a registered design professional. Section R802.4.4 of the 2018 International Residential Code read as follows:
R802.4.4 Rafter supports. *Where the roof pitch is less than 3:12 (25-percent slope), structural members that support rafters, such as ridges, hips and valleys, shall be designed as beams, and bearing shall be provided for rafters in accordance with section R802.6*

Solid Wood Fence Diagram



I, the undersigned, certify that the fence constructed under this permit will be constructed in accordance with the illustration on this document and in accordance with Municipal Code Sec. 15.32.010 and Sec. 17.16.120.

Applicant

All solid wood fences must be constructed to meet the following minimum design standards (Louisville Municipal Code Sec. 15.32.020):

1. All solid fences four feet to six feet in height shall have one four by four woodpost, or equivalent, every 30 square feet of fence area.
2. For fences four feet to five feet in height, two horizontal stiffeners are required. The lower stiffeners shall be within 12 inches to ground level and the upper stiffeners shall be 12 inches to the top of the posts.
3. For fences over five feet in height, three horizontal stiffeners shall be required, equally spaced from ground level to the top of the fence.
4. All posts for fences of four feet to six feet in height shall be set in concrete at a depth of not less than one and one-half feet into the ground. Diameter of the concrete required under this section shall not be less than eight inches.
5. All fences constructed under this standard must be kept in good repair.