



# FBC CODE GUIDANCE FOR WOOD FENCES

Rev: 1 | Revision Date: 2/17/2017 | Print Date: 2/17/2017  
I.D. Number: FBCWF

## Florida Building Code Wood Fences

Sec. 1612.2.1 Fences. Fences not exceeding 6'-0" in height from grade may be designed for 75 mph (33 m/s) fastest wind speed or 90 mph (40 m/s) 3-second gust.

Sec. 1612.2.1.1 Wood Fences. Wood fence design shall be as specified by 2328.

### Sec. 2328.2 4" x 4" Post Spacing

Fences <= 6 ft. High - 4 ft. On Center

Fences <= 5 ft. High - 5 ft. On Center

Fences <= 4 ft. High - 6 ft. On Center

2x4 Horizontal Wood Members

Sec. 2324.2 Nails, bolts and other connectors that are used in locations exposed to the weather shall be galvanized or otherwise corrosive resistant.

Sec. 2324.3 In general, nails shall penetrate the second member a distance equal to the thickness of the member being nailed thereto. There shall be not less than two nails in any connection.

Nail Sizes:

4d: 1-1/2" long

6d: 2" long

8d: 2-1/2" long

10d: 3" long

12d: 3-1/2" long

16d: 4" long

Section 2328.2 Fence not to exceed 6 feet high

Section 2328.2 Nominal 4x4x8 posts No.2 Grade or better embedded 2 feet into concrete footing 10 inches in diameter and 2 feet deep.

Sec. 2326.2.10 All posts, poles and columns embedded in concrete which is in contact with ground and supporting permanent structures shall be approved pressure treated wood suitable for ground contact use except naturally durable wood may be used for posts, poles and columns embedded in concrete for structures other than buildings and walking surfaces or in structures where wood is above ground level and not exposed to the weather.

Sec. 2326.2.6 The expression "naturally durable wood" refers to the heartwood of the following species...:

1. Decay resistant - Redwood, Cedars, Black Locust.
2. Termite resistant - Redwood, Eastern Red Cedar.



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## Final Inspection

To be made after installation and completion of all elements of construction.

### The following items will be checked at final inspection:

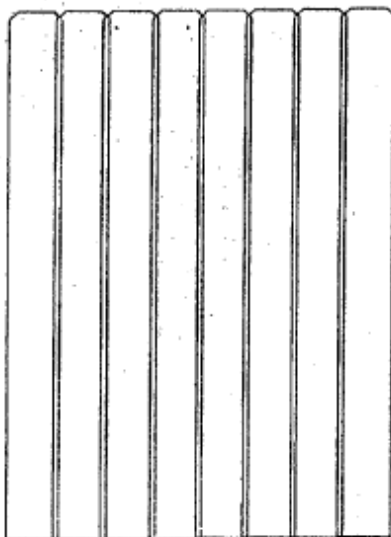
Wood fences shall be constructed of decay and termite resistant material as specified in Section 2304.11.4 of the Florida Building Code (FBC)

Wood fences shall be designed according to the loads as specified in Section 2328 of the Florida Building Code (FBC).

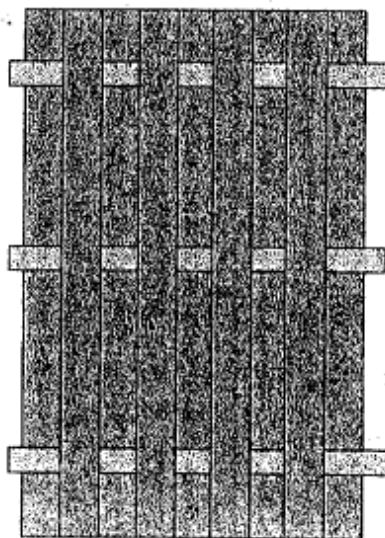
EXCEPTION: Unless designed by rational analysis, wood fences not exceeding six (6) feet in height may be constructed to meet the following minimum requirements:

1. Vertical post of P.T. 4" x 4" spaced according to Section 2328.2 FBC. See detail on front page;
2. Posts shall be embedded two (2) feet into a concrete footing ten (10) inches in diameter;
3. Horizontal framing shall consist of a minimum of three (3) horizontal rails of 2" x 4" Pressure Treated (PT) lumber;
4. All lumber shall be a minimum of #2 grade or better;
5. All fasteners shall be corrosion resistant.

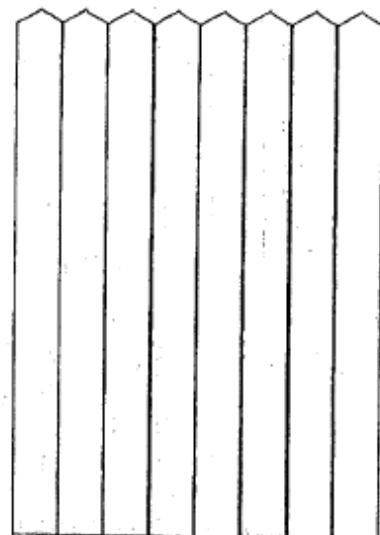
**WARNING:** Premanufactured sections may not comply with this code, and Produce Approval may be required.



Board On Board



Vertical Shadowbox



Stockade