



# City of North Miami Beach, Florida

BUILDING DEPARTMENT

## FENCE PERMITS

### CONSTRUCTION FOR WOOD FENCES

Fences not exceeding 6 foot in height shall be constructed to meet the following minimum requirements: From nominal 4" x 4" x 8' long, post, No 2. or better spaced max four foot on center, and embedded 2 foot into concrete footing 10" in diameter and two feet deep.

(FBC 2328.2 & 2328.3)

Post spacing for fences not exceeding 5 foot in height shall be max 5 foot on center.

Post spacing for fences not exceeding 4 foot in height shall be max 6 foot on center.

(FBC 2224)

### CONSTRUCTION FOR CHAIN LINK FENCES

- 1) Chain Link fences shall be designed in accordance with the section 2224 of the Florida Building Code.
- 2) Chain Link fences taller than 12' would require rational analysis with wind loads according to chapter 16 of the Florida Building Code.
- 3) Prescriptive code requirements can be used for chain link fences shorter than 2' in accordance with section 2224.2 of the Florida Building Code.

(FBC 2224.2)

Fence height (ft)	End Post Dimension (od x wall dimension) (in inches)	Intermediate Post Dimensions (od x wall dimension) (in inches)	End Post Concrete Foundation Size (diameter x depth) (in inches)	Intermediate Post Concrete Foundation Size (diameter x depth) (in inches)
Up to 4'	2-3/8 x 0.042	1-5/8 x 0.047	10x24	8x24
Over 4' to 5'	2-3/8 x 0.042	1-7/8 x 0.055	10x24	8x24
Over 5' to 6'	2-3/8 x 0.042	1-7/8 x 0.065	10x24	8x24
Over 6' to 8'	2-3/8 x 0.110	2-3/8 x 0.095	10x36	10x36
Over 8' to 10'	2-7/8 x 0.110	2-3/8 x 0.130	12x40	10x42
Over 10' to 12'	2-7/8 x 0.110	2-7/8 x 0.120	12x42	12x42

#### Notes:

- 1) Use fabric of minimum 12 1/2 gauge
- 2) Tension bands: Use one less than the height of the fence in feet evenly spaced.
- 3) Fabric ties: Must be minimum the same gauge of the fabric.
- 4) Fabric tie spacing on the top rail: Five ties between posts, evenly spaced.
- 5) Fabric tie spacing on line posts: One less than height of the fence in feet, evenly spaced.
- 6) Either top rail or top tension wire shall be used.
- 7) Braces must be used at terminal posts if top tension wire is used instead of top rail.
- 8) Post spacing: 10 foot (3 m) on center maximum.
- 9) Posts shall be embedded to within 6 inches (152 mm) from the bottom of the foundation.
- 10) In order to follow the contour of the land, the bottom of the fence may clear the contour of the ground by up to 5 inches (127 mm)

NOTE: PVC Fence requires N.O.A.

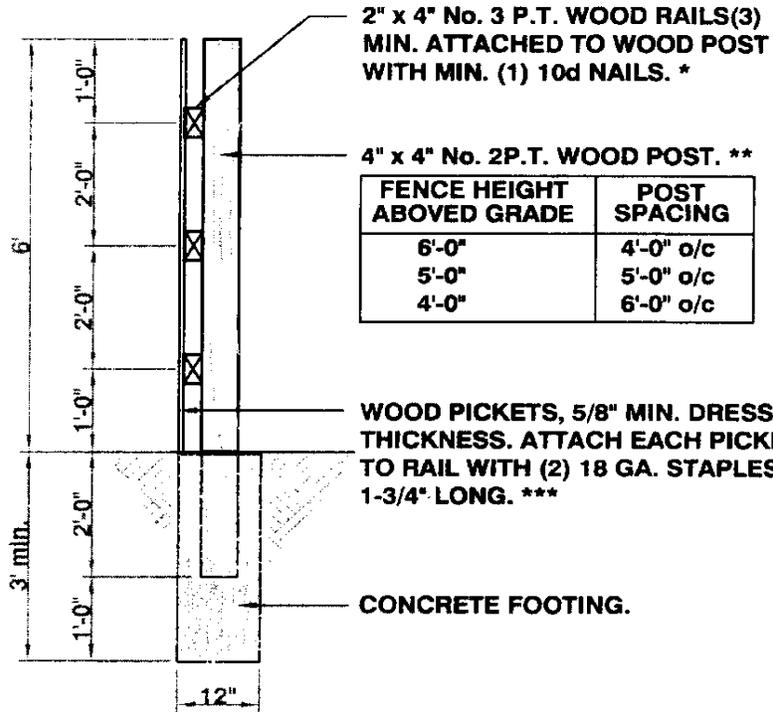


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## PLAN



FENCE HEIGHT ABOVE GRADE	POST SPACING
6'-0"	4'-0" o/c
5'-0"	5'-0" o/c
4'-0"	6'-0" o/c

ALL NAILS AND CONNECTORS SHALL BE GALVANIZED.

## SECTION

### NOTES : 2328 FENCES

2328.1 WOOD FENCES, SO LOCATED ON A PROPERTY THAT BY ZONING REGULATIONS THEY CANNOT BE USED AS WALL OF A BUILDING, SHALL BE CONSTRUCTED TO MEET THE FOLLOWING MINIMUM SPECIFICATIONS :

( a ) FENCES NOT EXCEEDING 6'-0" IN HEIGHT, SHALL BE CONSTRUCTED TO MEET THE FOLLOWING MINIMUM REQUIREMENTS : FROM NOMINAL 4" x 4" x 8'-0" LONG POSTS No. 2 GRADE OR BETTER SPACED 4'-0" o/c, AND EMBEDDED 2'-0" INTO A CONCRETE FOOTING 1'-0" IN DIAMETER AND 3'-0" DEEP. OTHER COMPONENTS SHALL BE DESIGNED TO COMPLY WITH THE PROVISIONS OF THIS CHAPTER BASED ON A DESIGN WIND PRESSURE OF 12 psf ON THE FENCE GROSS AREA OR BUILD IN ACCORDANCE TO DETAILS HEREIN.

( b ) FENCES NOT EXCEEDING 5'-0" or 4'-0" IN HEIGHT SHALL BE CONSTRUCTED AS PROVIDED IN PARAGRAPH 2328.3 (a) HEREINABOVE, EXCEPT THAT THE SPACING OF POSTS MAY BE INCREASED TO 5'-0" AND 6'-0" o/c FOR THESE HEIGHTS, RESPECTIVELY.



# City of North Miami Beach

PUBLIC SERVICES DEPARTMENT

DR. A.Piedra  
CK.  
SCALE : N.T.S.  
DATA : 12/21/98

REVISED

## STANDARD RESIDENTIAL WOOD FENCE DESIGN DETAIL

SHEET 2 of 2



# City of North Miami Beach, Florida

BUILDING DEPARTMENT

## FENCE SECTIONAL

MASONRY WALLS EXCEED. 5 FEET HIGH

REVISED 7/16/84

