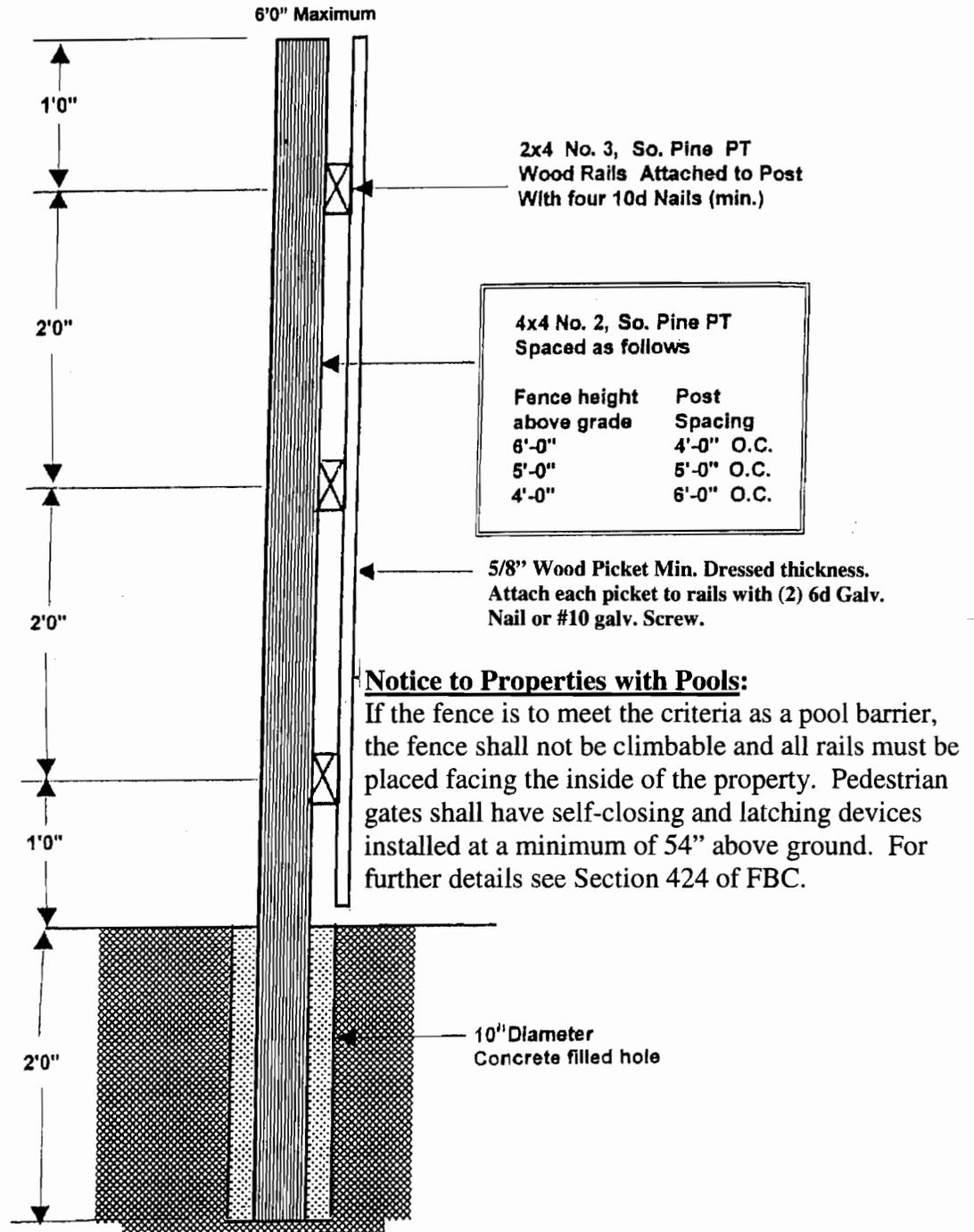


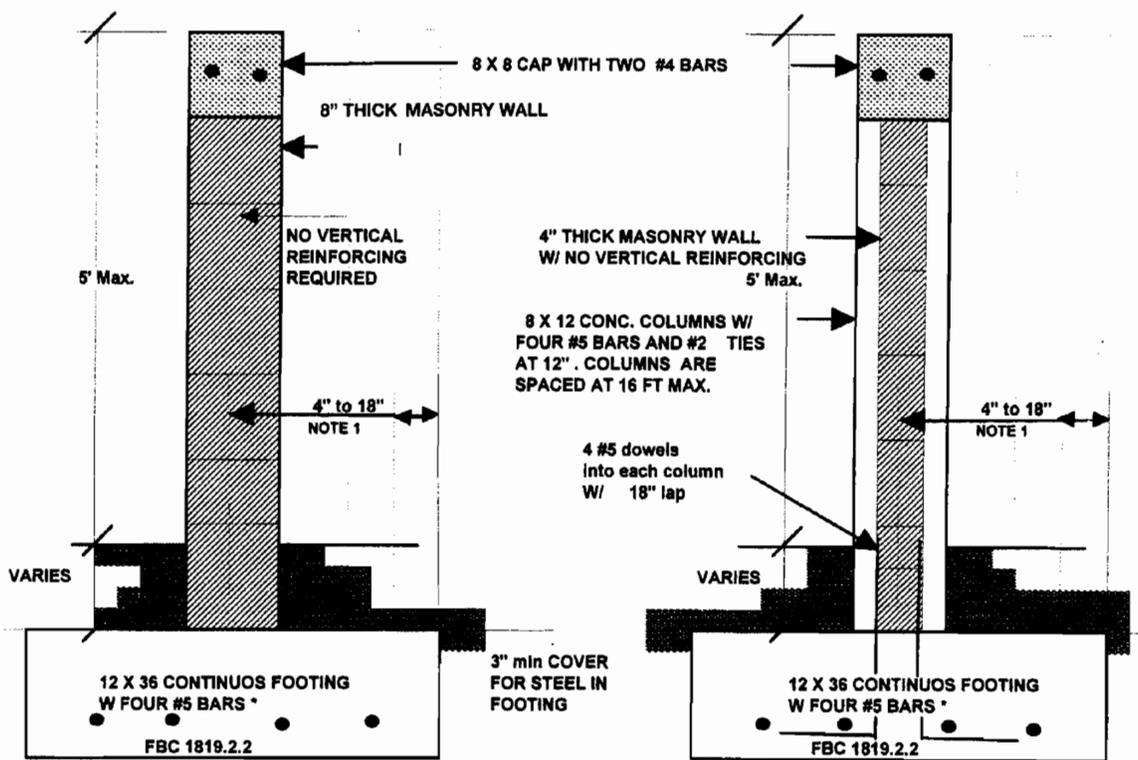
WOOD FENCE DESIGN DETAIL

(According to the F.B.C. Section 2328)



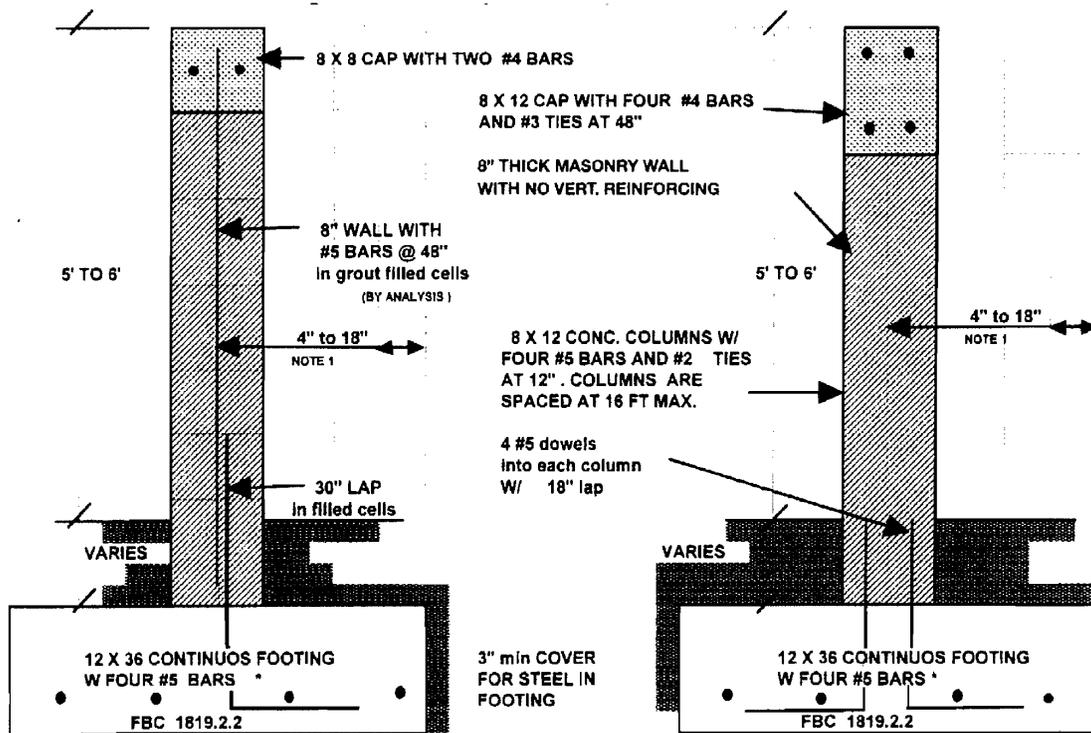
**NOTICE: A MANDATORY FOOTING INSPECTION IS REQUIRED PRIOR TO
POURING CONCRETE**

5 FT MAXIMUM HEIGHT MASONRY FENCE PER FBC 2007 : 2121.8.2.1



NOTE 1: THE WALL MAY BE PLACED AT THE CENTER OR OFFSET ON THE FOOTING
 * FOR WALLS EXTENDING 3 OR LESS FT ABOVE GRADE FOOTING MAY BE 12 X 16 WITH TWO #5 BARS

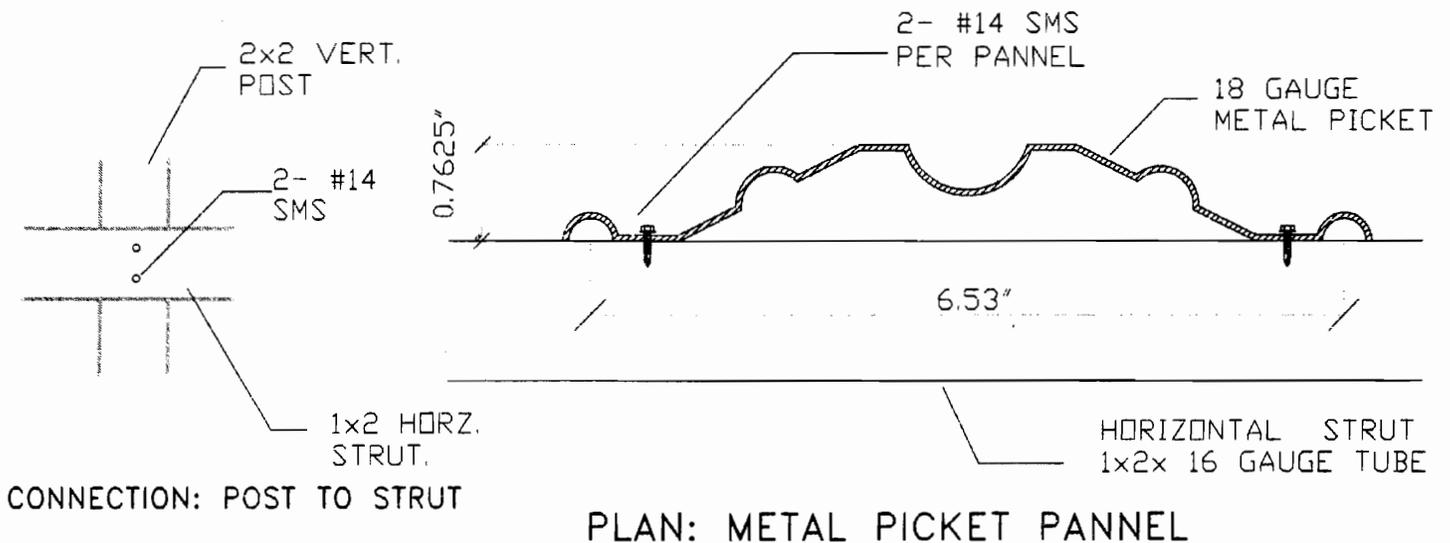
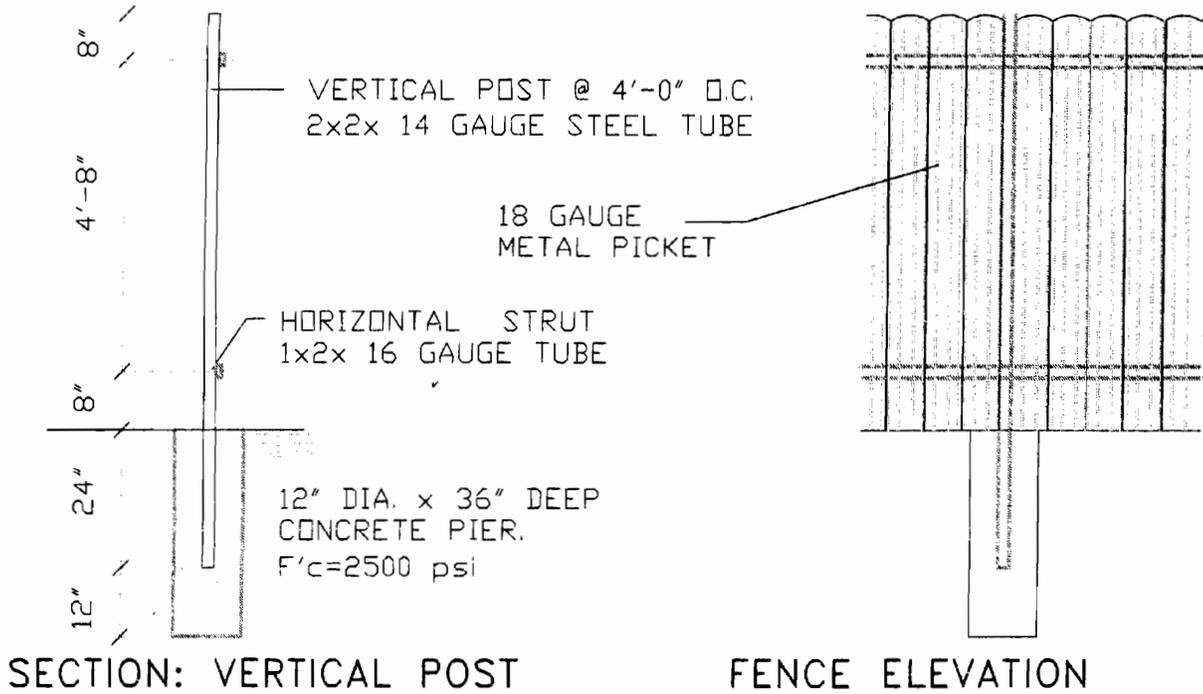
6 FT MAXIMUM HEIGHT MASONRY FENCE PER FBC 2007 : 2121.8.2.1



NOTE 1: THE WALL MAY BE PLACED AT THE CENTER OR OFFSET ON THE FOOTING

METAL FENCE

DESIGN CRITERIA: THE STRUCTURAL INTEGRITY OF THE METAL FENCE SHALL MATCH THE STRUCTURAL INTEGRITY OF PROTOTYPE WOOD FENCE



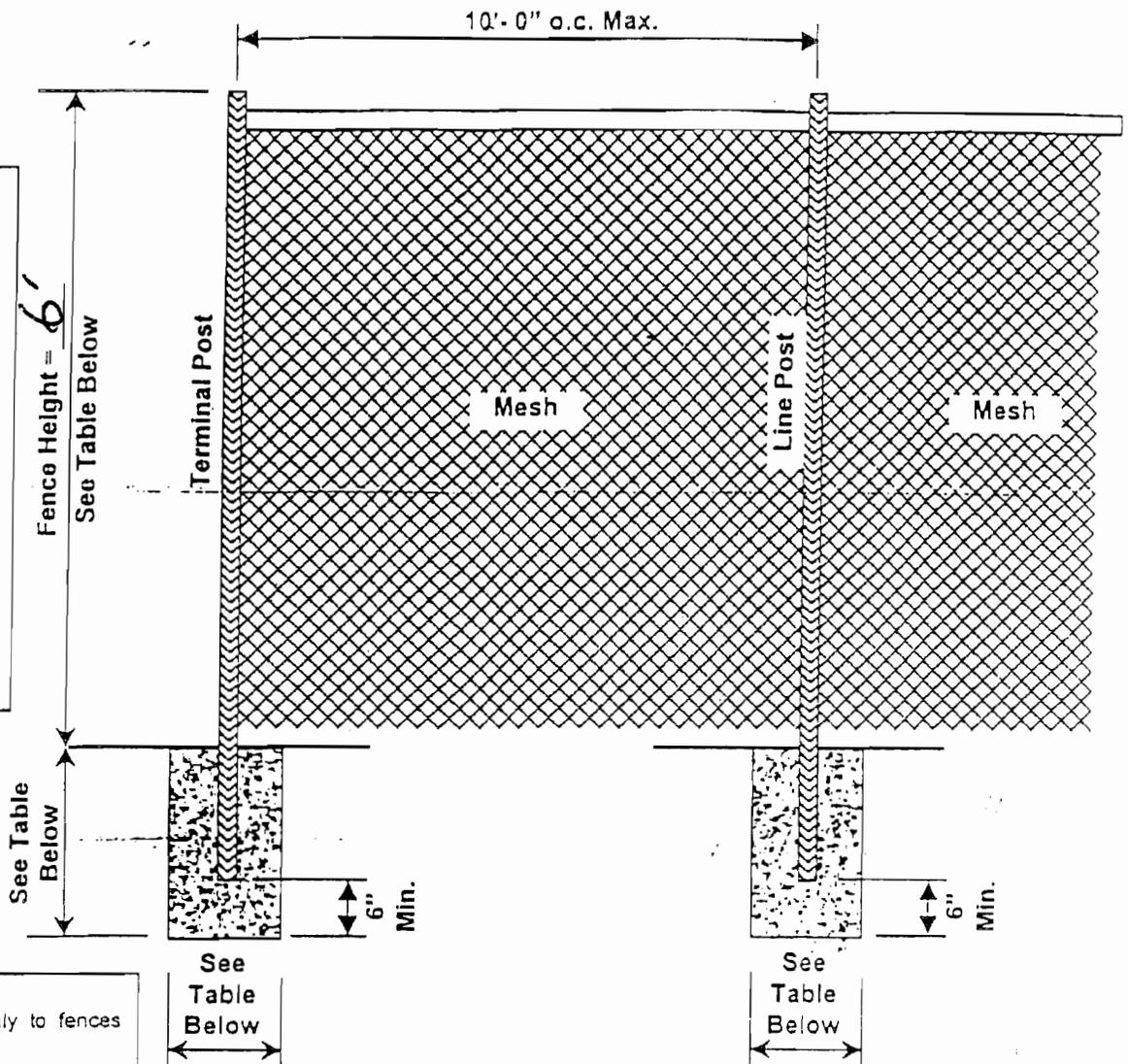
STEEL TUBES SHALL COMPLY WITH ASTM A787-84b $F_y=46$ ksi, $F_b=27$ ksi
 STEEL SHEETS SHALL COMPLY WITH ASTM A787-84b $F_y=46$ ksi, $F_b=20$ ksi
 ALL STEEL SHALL BE HOT-DIPPED GALVANIZED.
 TOUCH UP ALL ABRASIONS, SCRATCHES, AND WELDS WITH AN APPROVED CORROSION ZINC BASED PAINT.

CHAIN LINK FENCE DESIGN DETAIL

N.T.S.

(ACCORDING TO THE F.B.C. SECTION 2224)

Notice to Properties with Pools:
 If the fence is to meet the criteria as a pool barrier, the fence shall not be climbable and all rails must be placed facing the inside of the property. Pedestrian gates shall have self-closing and latching devices installed at a minimum of 54" above ground. For further details see Section 424 of FBC.

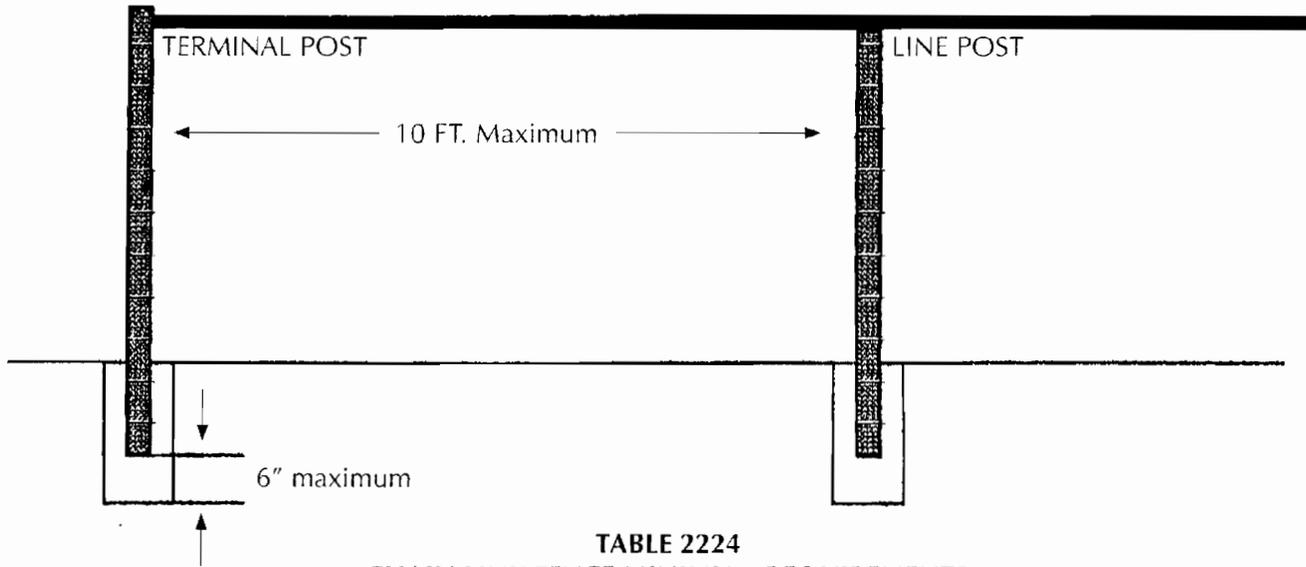


- General Notes:**
1. This table is applicable only to fences with unrestricted airflow.
 2. Fabric: 12-1/2 gage minimum.
 3. Tension Bands: Use one less than the height of the fence in feet evenly spaced.
 4. Fabric Ties: Must be minimum the same gage of the fabric.
 5. Fabric Tie Spacing on the Top Rail: Five ties between posts, evenly spaced.
 6. Fabric Tie Spacing on Line Posts: One less than height of the fence in feet, evenly spaced.
 7. Either top rail or top tension wire shall be used.
 8. Braces must be used at Terminal Post if top tension wire is used instead of Top Rail.
 9. 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 inch without increasing table values to the next higher limit.

Fence Height	Terminal Post Size & Thick	Terminal Post Footing	Line Post Size & Thick	Line Post Footing
Up to 4'	2-3/8" x 0.042	10" x 24"	1-5/8" x 0.047	8" x 24"
Over 4' to 5'	2-3/8" x 0.042	10" x 24"	1-7/8" x 0.055	8" x 24"
Over 5' to 6'	2-3/8" x 0.042	10" x 24"	1-7/8" x 0.065	8" x 24"
Over 6' to 8'	2-3/8" x 0.110	10" x 24"	2-3/8" x 0.095	10" x 36"
Over 8' to 10'	2-7/8" x 0.110	12" x 40"	2-3/8" x 0.130	10" x 40"
Over 10' to 12'	2-7/8" x 0.160	12" x 42"	2-7/8" x 0.120	12" x 42"
Over 12'	Section 2224.1 FBC: Fences over 12' height shall be designed according to the loads specified in Chapter 16 (HVHZ).			

**COMMERCIAL CHAIN LINK FENCES
MUST CONFORM TO THE FOLLOWING TABLE**

FBC 2224.1



**TABLE 2224
CHAIN LINK FENCE MINIMUM REQUIREMENTS**

Fence Height (ft)	Terminal Post Dimensions (in inches) (o.d. x wall thickness)	Line Post Dimensions (o.d. x wall thickness) (in inches)	Terminal Post Concrete Foundation Size (diameter x depth) (in inches)	Line Post Concrete Foundation Size (diameter x depth) (in inches)
Up to 4	2 ³ / ₈ x 0.042	1 ³ / ₈ x 0.047	10 x 24	8 x 24
Over 4 to 5	2 ³ / ₈ x 0.042	1 ⁷ / ₈ x 0.055	10 x 24	8 x 24
Over 5 to 6	2 ³ / ₈ x 0.042	1 ⁷ / ₈ x 0.065	10 x 24	8 x 24
Over 6 to 8	2 ³ / ₈ x 0.110	2 ³ / ₈ x 0.095	10 x 36	10 x 36
Over 8 to 10	2 ⁷ / ₈ x 0.110	2 ³ / ₈ x 0.130	12 x 40	10 x 40
Over 10 to 12	2 ⁷ / ₈ x 0.160	2 ⁷ / ₈ x 0.120	12 x 42	12 x 42

For SI: 1 inch = 25.4 mm.

Notes:

1. This Table is applicable only to fences with unrestricted airflow.
2. Fabric: 12¹/₂ gage minimum.
3. Tension Bands: Use one less than the height of the fence in feet evenly spaced.
4. Fabric Ties: Must be minimum the same gage of the fabric.
5. Fabric Tie Spacing on the Top Rail: Five ties between posts, evenly spaced.
6. Fabric Tie Spacing on Line Posts: One less than height of the fence in feet, evenly spaced.
7. Either top rail or top tension wire shall be used.
8. Braces must be used at Terminal Posts if top tension wire is used instead of Top Rail.
9. Post Spacing: 10 foot (3 m) on center maximum.
10. Posts shall be embedded to within 6 inch (152 mm) from the bottom of the foundation.
11. 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 inch (127 mm) without increasing table values to the next higher limit.

2223.11.4 Structural construction documents demonstrating compliance with this code shall be reviewed and approved by the special inspector prior to the issuance of a Certificate of Occupancy.

2224.2 Chain link fences less than 12 feet (3.7 m) in height shall be designed according to the loads specified in Chapter 16 (High Velocity Hurricane Zones) or may be constructed to meet the minimum requirements specified in Table 2224.

SECTION 2224 HIGH VELOCITY HURRICANE ZONES CHAIN LINK FENCES

2224.1 Chain link fences in excess of 12 feet (3.7 m) in height shall be designed according to the loads specified in Chapter 16 (High Velocity Hurricane Zones).

**TABLE 2224
CHAIN LINK FENCE MINIMUM REQUIREMENTS**

Fence Height (ft)	Terminal Post Dimensions (In Inches) (o.d. x wall thickness)	Line Post Dimensions (o.d. x wall thickness) (In Inches)	Terminal Post Concrete Foundation Size (diameter x depth) (In Inches)	Line Post Concrete Foundation Size (diameter x depth) (In Inches)
Up to 4	2 ³ / ₈ x 0.042	1 ⁵ / ₈ x 0.047	10 x 24	8 x 24
Over 4 to 5	2 ³ / ₈ x 0.042	1 ⁷ / ₈ x 0.055	10 x 24	8 x 24
Over 5 to 6	2 ³ / ₈ x 0.042	1 ⁷ / ₈ x 0.065	10 x 24	8 x 24
Over 6 to 8	2 ³ / ₈ x 0.110	2 ³ / ₈ x 0.095	10 x 36	10 x 36
Over 8 to 10	2 ⁷ / ₈ x 0.110	2 ³ / ₈ x 0.130	12 x 40	10 x 40
Over 10 to 12	2 ⁷ / ₈ x 0.160	2 ⁷ / ₈ x 0.120	12 x 42	12 x 42

For SI: 1 inch = 25.4 mm.

Notes:

1. This Table is applicable only to fences with unrestricted airflow.
2. Fabric: 12¹/₂ gage minimum.
3. Tension Bands: Use one less than the height of the fence in feet evenly spaced.
4. Fabric Ties: Must be minimum the same gage of the fabric.
5. Fabric Tie Spacing on the Top Rail: Five ties between posts, evenly spaced.
6. Fabric Tie Spacing on Line Posts: One less than height of the fence in feet, evenly spaced.
7. Either top rail or top tension wire shall be used.
8. Braces must be used at Terminal Posts if top tension wire is used instead of Top Rail.
9. Post Spacing: 10 foot (3 m) on center maximum.
10. Posts shall be embedded to within 6 inch (152 mm) from the bottom of the foundation.
11. 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 inch (127 mm) without increasing table values to the next higher limit.