

**Terminal Post Spacing**      **Set Line Posts Apart**

30'	10'
31'	7' 9"
32'	8'
33'	8' 3"
34'	8' 6"
35'	8' 9"
36'	9'
37'	9' 3"
38'	9' 6"
39'	9' 9"
40'	10'
41'	8' 2"
42'	8' 5"
43'	8' 6"
44'	8' 9"
45'	9'
46'	9' 2"
47'	9' 5"
48'	9' 7"
49'	9' 9"
50'	10'
51'	8' 6"
52'	8' 8"
53'	8' 10"
54'	9'
55'	9' 2"
56'	9' 4"
57'	9' 6"
58'	9' 8"
59'	9' 10"
60'	10'
61'	8' 8"
62'	8' 10"
63'	9'
64'	9'
65'	9' 3"
66'	9' 5"
67'	9' 7"
68'	9' 8"
69'	9' 10"
70'	10'
71'	8' 9"
72'	9'
73'	9' 2"
74'	9' 3"
75'	9' 4"
76'	9' 6"
77'	9' 7"
78'	9' 9"
79'	9' 10"
80'	10'
81'	9'
82'	9' 1"
83'	9' 3"
84'	9' 4"
85'	9' 6"
86'	9' 7"
87'	9' 8"
88'	9' 9"
89'	9' 10"
90'	9'
91'	9' 2"
92'	9' 2"
93'	9' 3"
94'	9' 5"
95'	9' 6"
96'	9' 7"
97'	9' 7"
98'	9' 8"
99'	9' 9"
100'	10'

**IT'S IMPORTANT . . .**

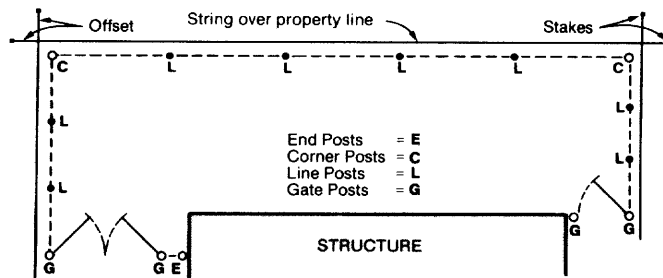
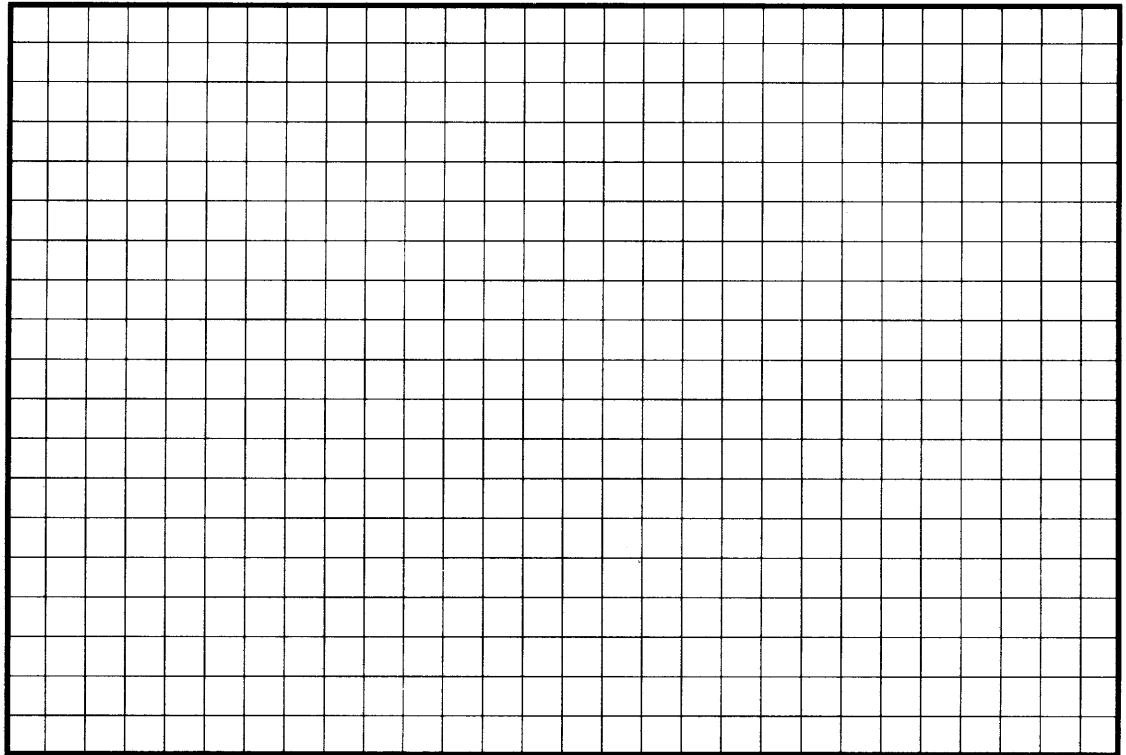
- (1) that fence footings do not exceed legally established property lines. If uncertain, refer to real estate agents line plot or consult a professional surveyor.
- (2) to check local codes for specifications regarding frontage locations, height, etc. A permit may be required.
- (3) to check with local utility companies for locations of underground cables or pipe lines.

**TOOLS YOU WILL FIND USEFUL**














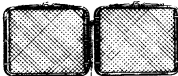






1. String or chalk line and stakes.
2. Tape measure.
3. Post hole digger.
4. Wheelbarrow, shovel and hoe to mix and transport concrete.
5. Carpenter's level.
6. 1/2" x 9/16" wrench or crescent wrench.
7. Hacksaw or pipe cutter.
8. Fence stretcher.
9. Pliers.

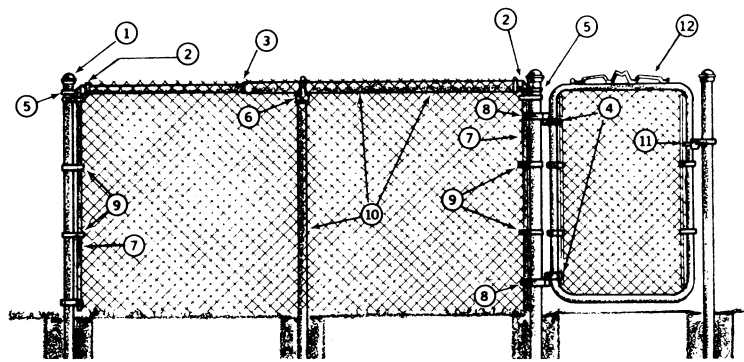
**LAYOUT/DESIGN**

In the space provided below, make a drawing of your fence.



# CHECK LIST

DESCRIPTION	QUANTITY TO USE	QTY. TO BUY
<b>TERMINAL POSTS</b> (End, Corner, and Gate Posts) 	As required (2 for each gate)	
<b>LINE POST</b> (Intermediate Post) 	Divide the total footage of your fence (less gate openings) by 10 and subtract 1. Subtract 1 additional line post for each corner post used. Use of 1 line post is recommended for fences longer than 10 feet.	
<b>TENSION BAND</b> 	For each end post, use 3 for 3', 3½' or 4', use 4 each for 5' and use 5 each for 6'. Same for gate posts. Double the quantity for corner posts.	
<b>BRACE BAND</b> 	1 for each rail end	
<b>5/16" X 1 1/4" CARRIAGE BOLT</b> 	1 for each brace band, 1 for each tension band	
<b>POST CAP</b> 	1 for each terminal post	
<b>EYE-TOP</b> 	1 for each line post	
<b>TOP RAIL, plain or swedged end</b> 	Same lineal footage as fence fabric	
<b>RAIL-END</b> 	1 for each end post 1 for each gate post 2 for each corner post	
<b>TOP RAIL SLEEVE</b> 	1 for each length of plain end top rail Not needed for swedged end top rail	
<b>TENSION BAR</b> 	1 for each end post 1 for each gate post 2 for each corner post	
<b>FENCE FABRIC</b> 	Same lineal footage of fence less gate openings	
<b>TIE WIRES</b> 	1 for every 24" of top rail and 1 for every 12" of line posts	
<b>DOUBLE DRIVE GATE</b> 	Individual fittings as indicated below	
<b>SINGLE WALK GATE</b> 	Individual fittings as indicated below	
<b>POST HINGE (Male Hinge)</b> 	2 for single walk gate, 4 for double drive gate	
<b>3/8" X 3" CARRIAGE BOLT</b> 	1 for each post hinge	
<b>GATE HINGE (Female Hinge)</b> 	2 for single walk gate, 4 for double drive gate	
<b>3/8" X 2" CARRIAGE BOLT</b> 	1 for each frame hinge	
<b>FORK LATCH</b> 	1 for each walk gate	



- ① CAP
- ② RAIL END
- ③ SWEDGED END TOP RAIL
- ④ FRAME HINGE
- ⑤ BRACE BAND
- ⑥ EYE TOP
- ⑦ TENSION BAR
- ⑧ POST HINGE
- ⑨ TENSION BAND
- ⑩ FENCE TIE
- ⑪ GATE LATCH
- ⑫ SCROLL

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