

Your DIY Installation

How To Plan For Fence Installation - Introduction

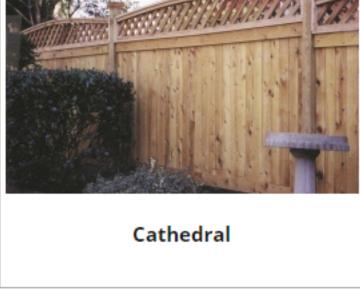
We design and manufacture a wide variety of PVC Vinyl and Cedar fencing with unlimited combinations, including matching gates, arbors and pergolas, in order to accommodate every taste, budget and space. Many of these styles are available in a variety of configurations, as shown below.

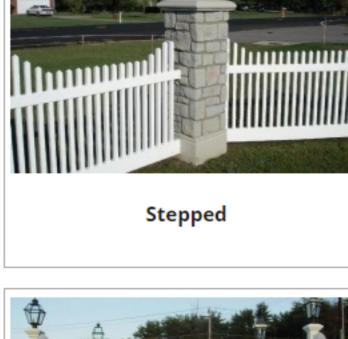








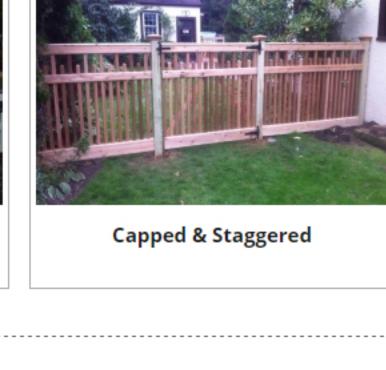


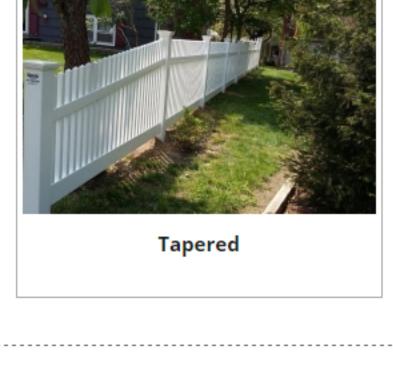












STEP 01: Fence design is limited only by your imagination. The best way to start your selection and planning is to look at other fences in

 STEP 02: There are many different types of fences: chain-link, panel, picket, ranch style, etc. Most of the installation techniques are very similar.

STEP 03: Contact your city or residential association to find out if

your area or through books and home magazines.

stake the corners of your lot before you start.

✓ STEP 08: Establish all gate(s) and/or transition locations.

- there are any restrictions on fence construction in your neighborhood, and specifically, your lot. If you live on a corner, for instance, there are certain restrictions due to 'line of sight' issues. So be sure to check with your local zoning authorities before you begin. STEP 04: Check your setbacks to see if you're allowed to build right up to the property line.
- STEP 06: Make sure you know exactly where your property lines are. It's a good idea to have a survey taken or
- STEP 07: Create a sketch of the area you wish to install your fence.
- will require the section to be trimmed. Example: 20' of fence will require 4 sections (4 sections x 6' = 24', 4' must be trimmed to accommodate the installation).

STEP 09: Determine number of sections needed – keeping in mind that if a required section is less than 6', this

- STEP 10: Determine the number of posts. Note: all gates must be installed with left and right gate posts only.
- Layout

This will serve as your guideline for installing the posts. STEP 02: If your fence starts at your house or at another fence,

First stake the spot where your fence will start. Tie a string to the stake and stretch it out roughly perpendicular to the house (or whatever you're working from).

Mark a point on the house 3 feet away from the stake.

Measure out 4 feet out on the string and mark it.

and divide that number by the number of sections.

calculate this right angle using what's called the 3-4-5 method:

you'll usually want to come off of it at a right angle. You can

STEP 01: Laying out your fence is pretty basic in theory. You stake

out where your fence will go, and stretch a string between them.

 STEP 03: Mark the position of the first post. Then measure out on the line to mark the rest of the posts along your section of fence.

✓ STEP 04: Your string should actually be the outside edge of the posts. So you'll have to measure in from the

- STEP 05: When a fence runs down a hill you have two options: you can have the tops of the sections follow the slope of the hill or you can keep the fence sections level and step the fence down at each post.
- Dig Post Holes:

Obviously, in warmer areas, the frost line isn't this deep. A good rule-of-thumb is that you should bury about

Even with the power auger, digging post holes is tough work.

the ground heaves from frost, the post will stay in place.

Our building codes specify that the corner posts, or posts around a

gate, be dug down 42". For our middle posts, or "line posts", we dig

pretty hard work, and if you've got a lot of holes or hard ground you

One way to dig your post holes are with a clamshell digger. This is

should rent a power auger.

down 36".

Setting Posts:

a half of the corner posts and about a third of the line posts underground.

of each hole. The gravel will allow any water that collects at the bottom of the hole to drain away.

Set the end posts first. It's a good idea to use concrete to set these.

Line up the post edge along your layout string. You should also use

Brace the post in place while the concrete cures.

still a good idea to put a five or six inch layer of gravel at the bottom

Redwood, cedar or treated posts will resist rot and decay, but it's

- up. When all the posts are set hard, trim the tops to the proper height.
- Installing The Panels:

your fence design.

gate for swinging clearance.

the posts.

around it.

One way to attach the stringers is to cut them to fit in between the posts and toe nail them to the posts. You can also dado out a section of the post and set stringers in flush with it.

Always use galvanized nails on any project that will come in contact with moisture.

Install the stringers square, and don't knock your posts out of plumb.

There can be many pieces that make up the panels of your fence. Stringers are the pieces that run

horizontally between the posts and support the fence boards. Where these go on your fence depends on

Allow at least a couple of inches below the bottom stringer to prevent rot and to make it easier to mow.

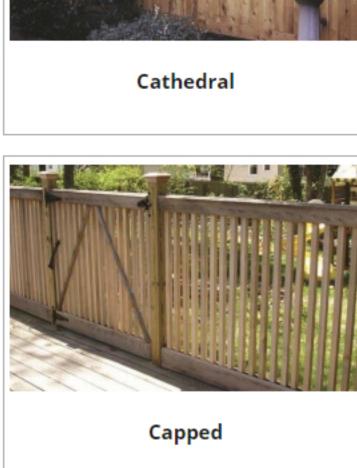
- Building The Gate: Plan on leaving at least a quarter inch space on each side of your
 - piece for support. Nail these pieces to the plywood, and then nail them to each other.

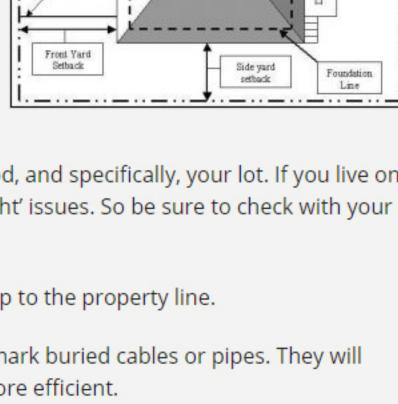
It helps to build the gate on a flat piece of plywood or particleboard.

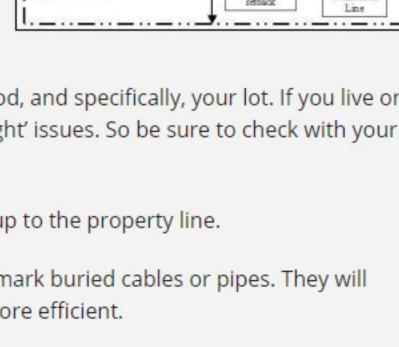
- Take out the nails holding the gate to the plywood. Set the gate in place using blocks to set it at the right height and spacers to keep it the proper distance from
- Installing A Chain Link Fence: Set the corner posts for a chain-link fence first.
 - Once the concrete is dry, use the corner posts to string lines to line up the middle posts.
 - An alternative to setting your posts in concrete is to use an anchoring system with stakes.

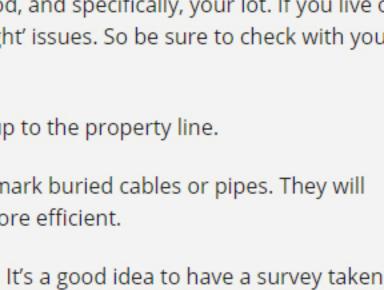
Usually chain-link fence posts are spaced about 10 feet apart.

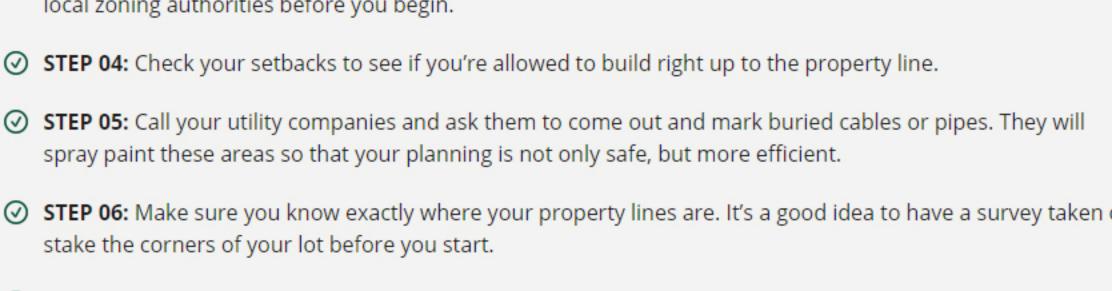
- ☑ Using this method you can set the posts to the exact height you need. Posts set in concrete need to be cut off. at the right height with a pipe cutter.
- stretches across.
- One way to attach the stringers is to cut them to fit in between the posts and toe nail them to the posts.
- Attach the fabric to a post at one end of the fence. You do this with a tension bar and tension bands. O Loosely tie all the fencing to the top rail. Then stretch the fencing by hand as far as you can.

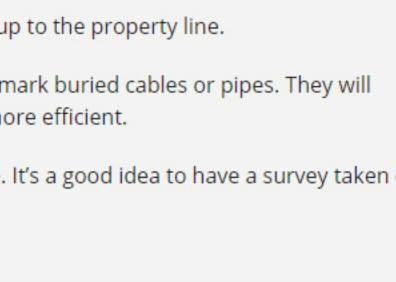




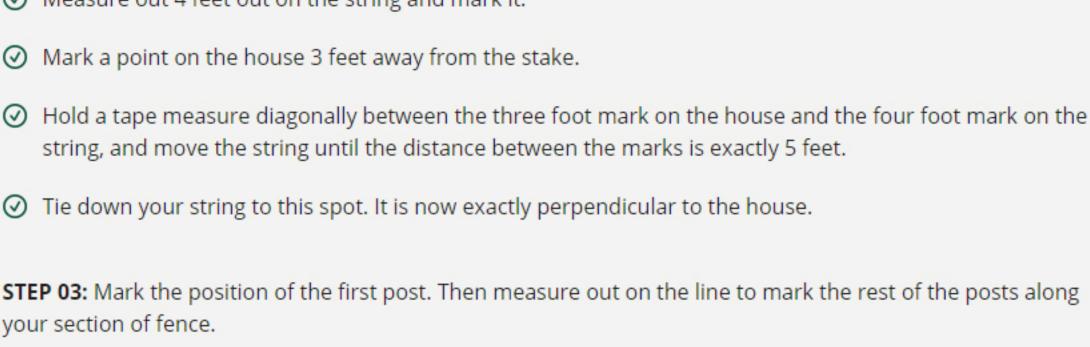


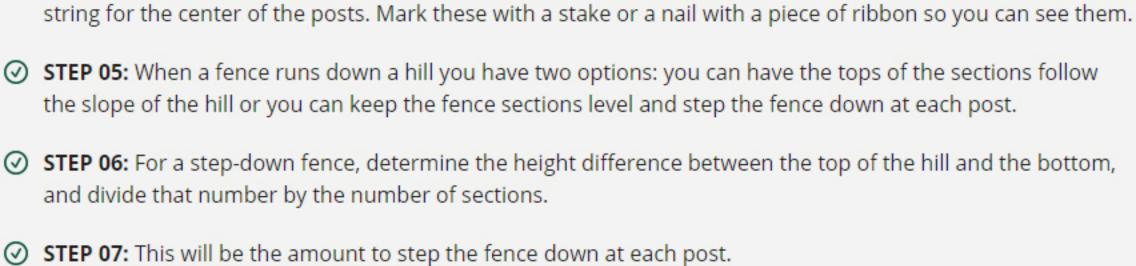


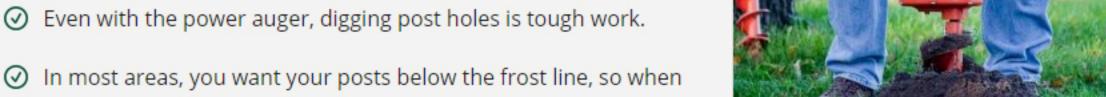


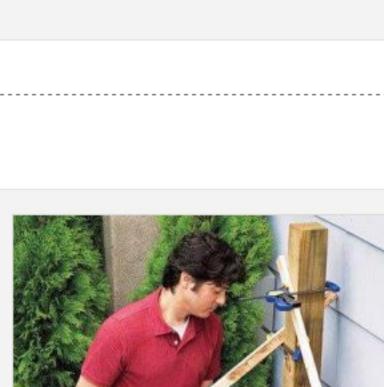


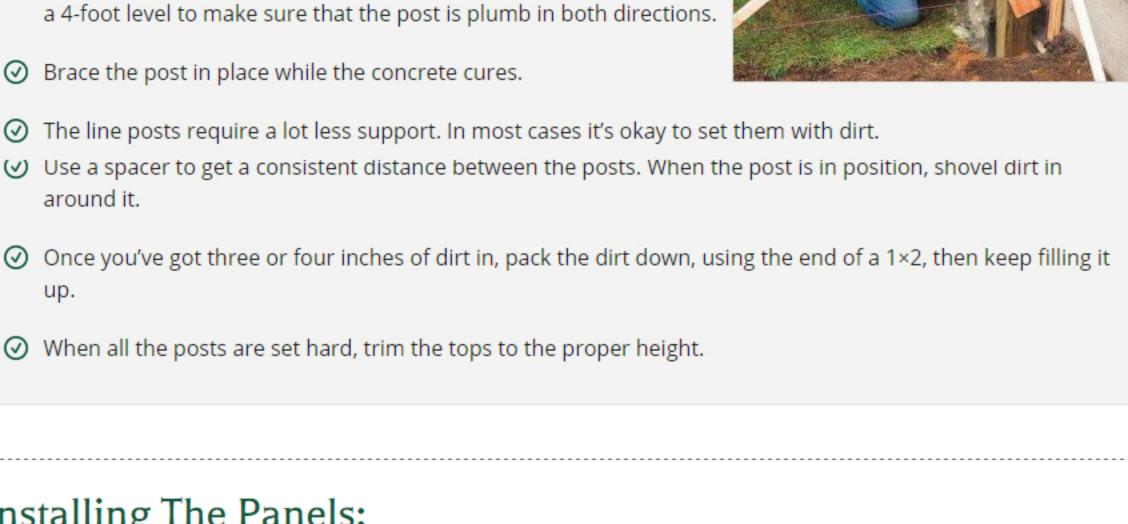












Your fence panels can be any design you want. You can put up vertical pickets, lattice, or pre-made panels. It

- Attach your panel design to the support pieces. In our case it was pickets.
- Use strong corrosive-resistant hardware and screws to attach the gate to the posts.
- Let the concrete set up a bit and then make your final adjustments so they're plumb in both directions.
- Make sure your concrete is totally cure before installing the fencing fabric because this puts a lot of tension on the posts.
- The top rail goes through loop caps on top of the line posts. This rail forms the top frame that the fencing
- Roll the fencing out on the outside of the fence. If you need to extend the fencing you can weave two pieces together with a single strand.
- ✓ Use a winch, made especially for this type of job, to pull the fencing until it's tight. Then permanently attach the fencing to the posts and top rail.