Fence Project Planning Guide

Discover everything you need to know
to pick & plan the perfect fence to meet your needs.





Get the low-down on the most popular fence types, best use cases, and the perfect fence to meet your needs.

BY: WILL KOPRIVA

What You Need To Know Before You Start



Whether you are fencing in a small dog run, or installing a multi-mile perimeter/grazing fence, you need to know the goal you are seeking to accomplish with that particular fence. Each fence type offers different benefits at different price points, so you are almost guaranteed to find a fence that suits both your fencing needs, and your budget.

Some of the first questions to consider are;

- What am I trying to accomplish with this fence?
- What am I trying to contain or keep out?
- What kind of fence is conducive to the aesthetic of my property/neighbor?
- What is my budget for the project?

Some examples of answers to these questions include;

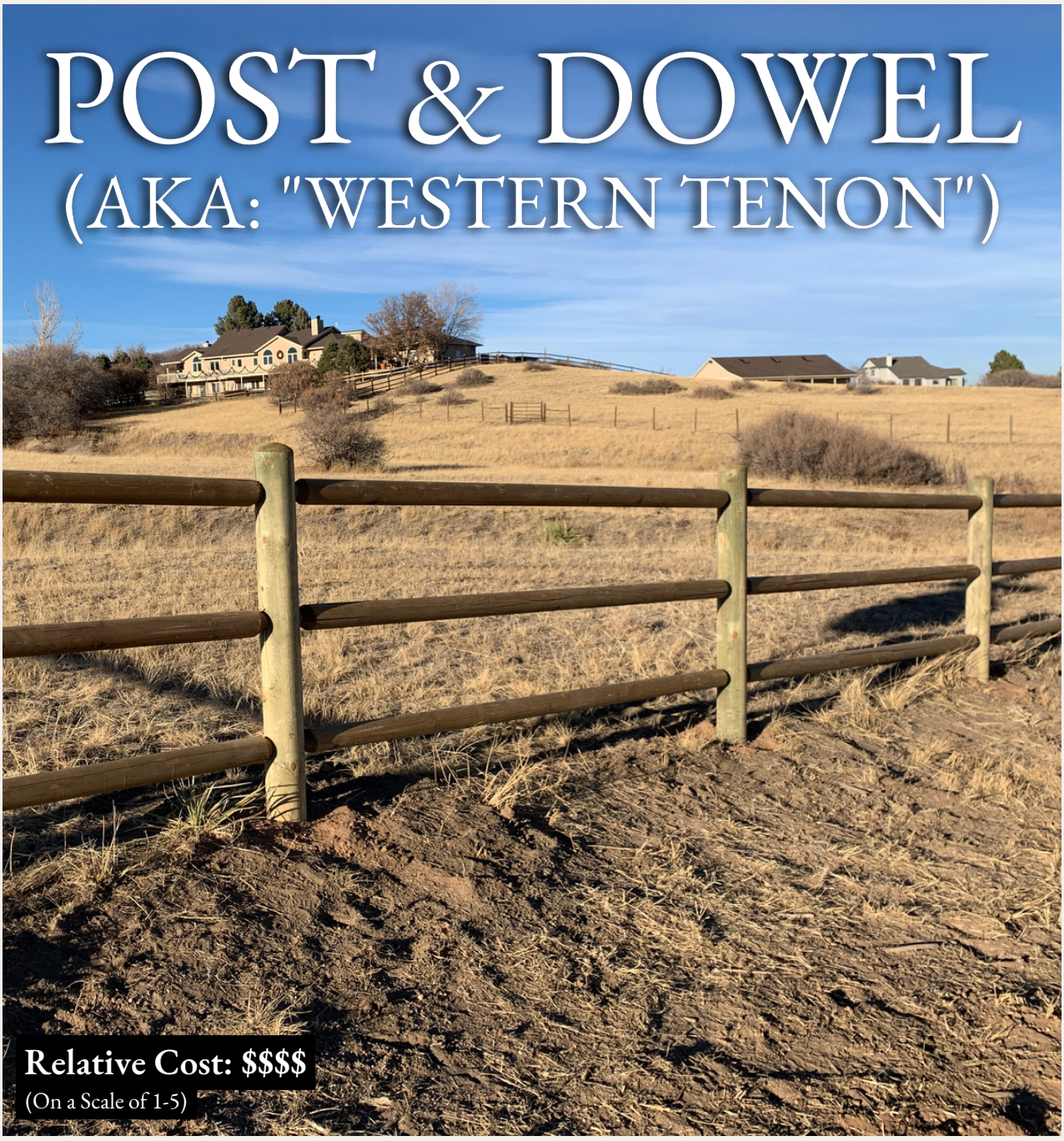
- I am trying to contain both dogs and horses on the entirety of my property, while keeping out predators to my chickens.
- I want a rail style fence that also has wire mesh attached to it. The rails can provide the strength needed to contain horses while the welded wire can contain and keep out smaller animals such as dogs or foxes.
- The rail style has the western agricultural fence aesthetic and helps disguise the wire mesh.
- For a more cost-effective option, vinyl covered high tensile wire rails (Such as RAMM* or Centaur Fencing*) would be less expensive material and lower maintenance than a fully wood fence.

If these questions seem daunting to answer, or you just simply don't have enough information, continue reading through this guide to get a better idea of what fence options would work well for your situation.

Keep in mind that there are multiple add-ons for all fence types to increase the benefits and functions of each type of fence, while still giving you the option to reduce the cost of the project depending on your needs.

Additionally, feel free to shoot me an email at william@tjcrfencing.com. You can also call me or shoot me a text at 720-979-1524. I promise I'll read it and send you an answer as fast as I can.

POST & DOWEL
(AKA: "WESTERN TENON")



Description:

Standing 4-4.5 feet tall with three rails per section. Made from treated pine wood. Posts buried 20" to 30" deep to ensure the fence is as sturdy as possible.

Use Case:

his fence is ideal for when you need a heavy duty fence that also looks very good. The optional add-ons make this fence one of most versatile options for anyone looking for a fence with some serious curb appeal.

Pros:

- Great looking.
- Extremely sturdy.
- High longevity.
- Ranch aesthetic.

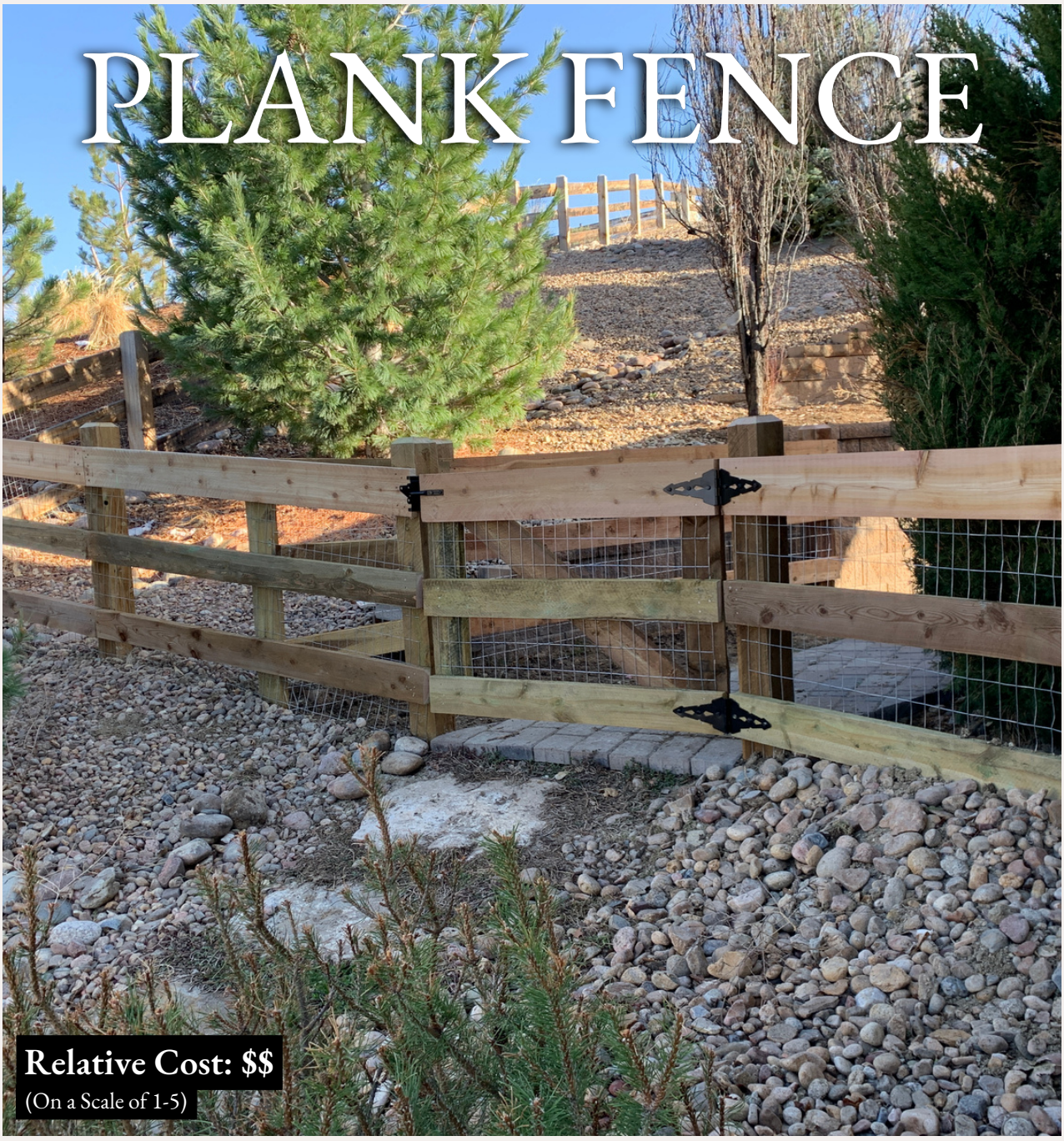
Cons:

- Needs wire mesh add on to keep smaller animals in.
- A bit more pricey than other designs.

Common Add Ons:

- Electric top wire
- Wire mesh
- Different Materials
- Add 4th rail to increase total height

PLANK FENCE



Description:

Typically, 3 rails, built out of rough cut treated pine. 6x6, posts at 8' on center, buried between 24" and 36" into the ground.

Use Case:

This type of fence often complies with many HOA requirements in the central Colorado area. It also provides a sturdy fence option that is great at containing almost any animal and offers a bevy of add-ons to suit almost every fence need such as electric to prevent animals from wearing down the fence, wire mesh to contain and keep out small animals, and other design options to fit a budget or provide the structure and aesthetic you are looking for.

Pros:

- High strength.
- Longevity.
- Versatile.
- High quality aesthetic.

Cons:

- Requires a little more maintenance to Maintain than some other designs.
- Relatively expensive.

Common Add Ons:

- Wire Mesh
- More Rails To Increase Total Height
- Different Materials



Description:

Typically, a 3-rail split cedar fence. Posts buried 20”-24” and concreted. Other options include 2 rail or 4 rail, with posts only concreted at corners and ends.

Use Case:

Split rail fencing is widely accepted by HOA’s and is a relatively affordable wooden fence. It can be equipped with wire mesh to contain and keep out smaller animals or be left to just the wood for pleasant looking perimeter fence. This type of fence is recommended for smaller residential use or suggestive perimeter fencing.

Pros:

- Low cost.
- Extremely versatile.

Cons:

- Less sturdy than other wooden fences.
- Prone to cracking without maintenance.

Common Add Ons:

- Electric
- Heavy Duty Line Posts
- No Climb Wire
- More/Less Rails



Description:

This type of fence has the most variations of all other fence types. The standard privacy fence has posts and rails built from treated pine with either treated pine or cedar pickets attached to three horizontally oriented 2x4 rails which are attached to 4x4 treated pine posts that are buried between 30" and 36" and each concreted. Typically, 6' high.
There is the typical 6' privacy fence which can be built from either 5.5" or 3.5" wide pickets. Pickets can be either cedar or treated pine, and can either be dog eared, cut flat, or oriented vertically or horizontally. The posts can be 4"x4" or 6"x6" or 4"x6" treated pine or cedar, or rough-cut pine. Either a single or double additional top and/or bottom decorative rail may also be added. The height can vary from 3' up to 6'. There are many options for constructing a privacy fence and turn it into a custom privacy fence.

Use Case:

Widely used to provide a pleasant looking visual and physical barrier to a designated area. Usually used in smaller residential settings where privacy is a commodity, though they can be built anywhere where added visual privacy and greater physical security is desired.

PICKET FENCE



Relative Cost: $$ ~ $$$$
(On a Scale of 1-5)

Description:

Typical picket fencing includes treated pine 4x4 posts, 2x4 rails, and either 3.5" or 5.5" wide pickets. Typically, between 3' tall and 6' tall wit spacing between the pickets for visual permeability. Highly customizable, however.

Use Case:

Best uses for a custom picket fence is for a highly visible area to show off the aesthetic of the fence. Though well-constructed, not recommended for use with larger animals such as horses or cattle. Best used for dogs and kids and is well suited for containing small dogs while maintain visibility past the fence.

Pros:

- Highly customizable.
- Tailored aesthetic.

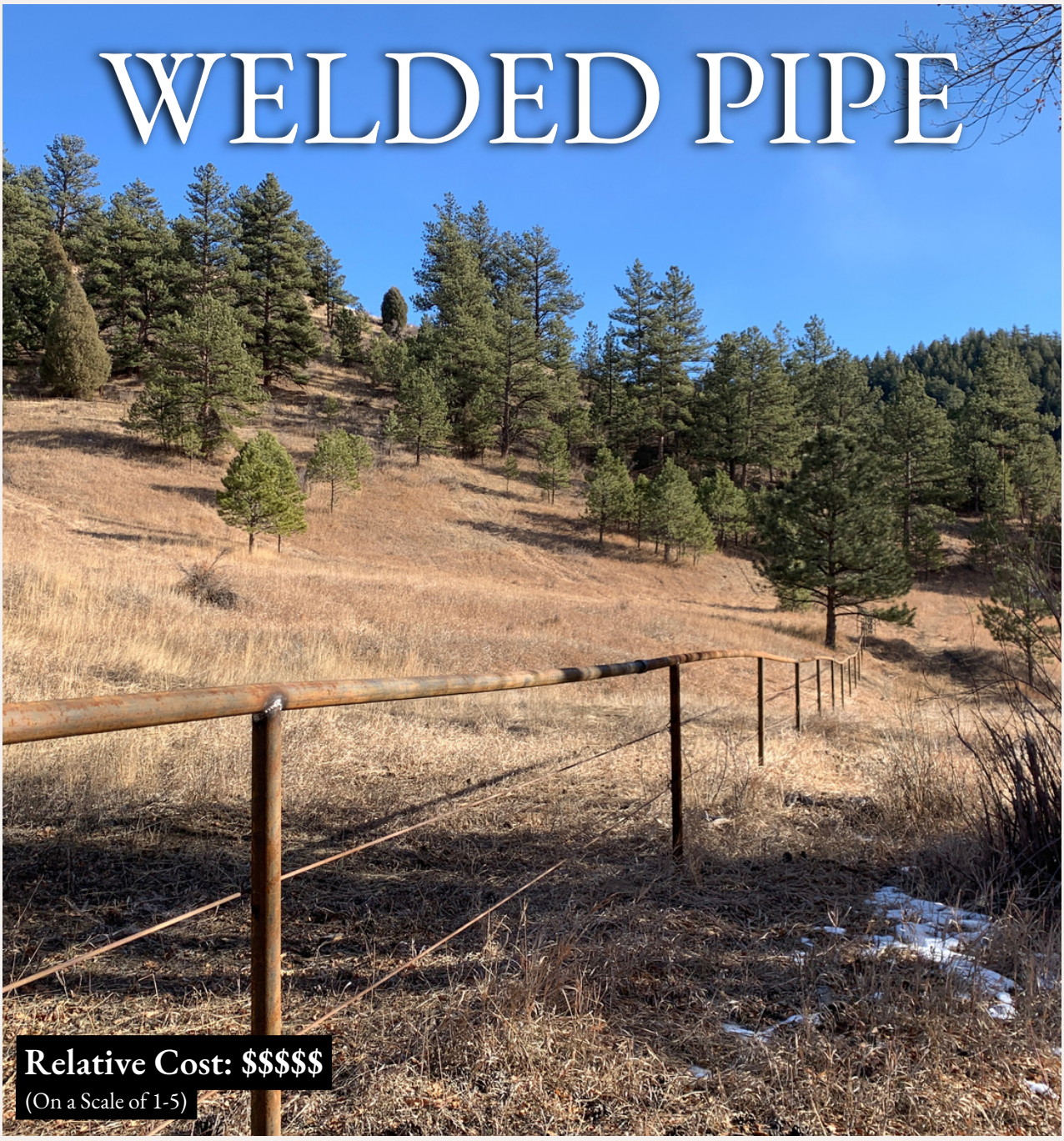
Cons:

- Can get costly depending on tailored design.

Common Add Ons:

- Because the fence is fully customized, the additional add-ons are considered once the fence is designed.

WELDED PIPE



Description:

Our specialty fence. We most commonly install welded pipe fence with pipe posts and pipe top rail along with 2-6 rows of cable run underneath with welded pipe h-braces at the ends of each section or every 500' to provide strength for the tensioned cables. Posts can either be driven into the ground or buried and concreted.

We can build pipe fence out of 1 7/8" pipe up to 8" pipe. You can opt to use all pipe cross members instead of just the top rail being pipe with rows of cable, or all cable cross members, or a combination. The height of the fence can be as tall as 6' 11".

Use Case:

Use Case: Often used for containing large animals such as cattle (especially bulls), horses (especially draft horses). Maintains visibility while being strong enough for any use and looks very high quality.

- Incredibly strong.
- Long Lasting.
  (This will out last your house)
- Next To No Maintenance,
- Looks Incredible.
- Many Design Options To Achieve Your Desired Look.

HIGH TENSILE VINYL RAIL (RAMM OR CENTAUR)



Description:

Vinyl coated high tensile wire gives the appearance of a rail fence but is flexible which makes it great for all types of terrain. Posts can be between 3' and 5' tall with anywhere from 2 to 6 rows of vinyl rails. It mounts to the posts with metal brackets provided by the manufacturer and is tensioned on tension anchors also provided by the manufacturer. It is a highly functional fence that can be spliced and/or tensioned at any point after installation.

Use Case:

Best used for horses due to no sharp edges unlike wire, has flexibility to prevent breaking or injury to horses, but stiff enough to prevent entanglement.

Pros:

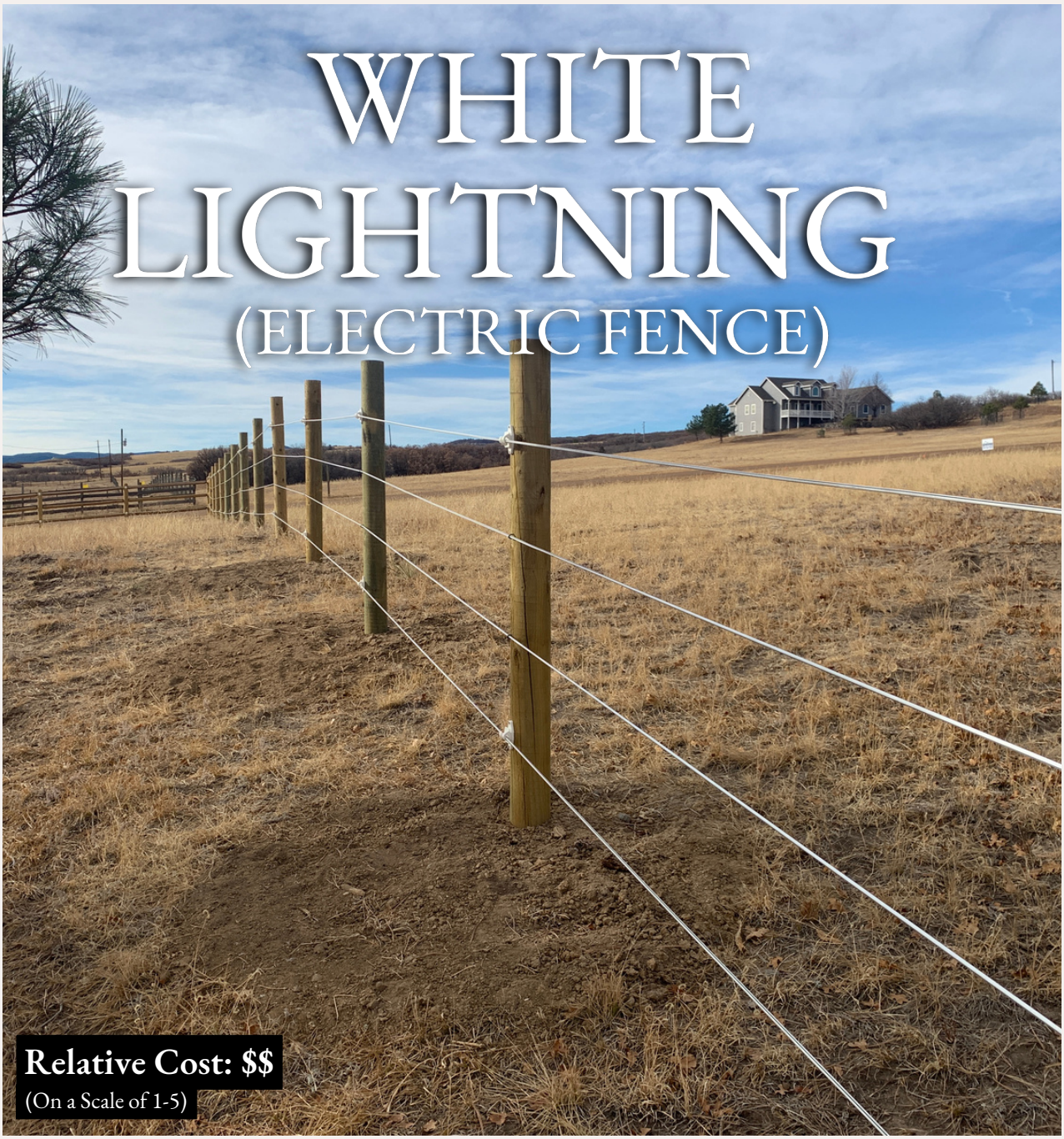
- Affordable rail fence.
- high quality aesthetic.
- Extremely durable.
- Excellent longevity.
- Low maintenance.

Cons:

- Limited Use Without Add-Ons.

Common Add Ons:

- Add Member
- Heavy Duty Posts
- Paint Options
- No Climb Wire



Description:

Single strand of High tensile 12.5-gauge wire coated in white vinyl with 3 veins of electromagnetic carbon to deliver the electric charge. This style of electric fence is high visibility compared to direct electric wire and looks very clean with the white vinyl. The vinyl also prevents sharp edges from the wire to emerge in the case of breakage and adds to the tensile strength of each wire strand. This fence is best coupled with wooden posts, or wooden posts spaced every 30' and two t-posts placed between each wooden post due to the weight of each individual strand of wire.

Use Case:

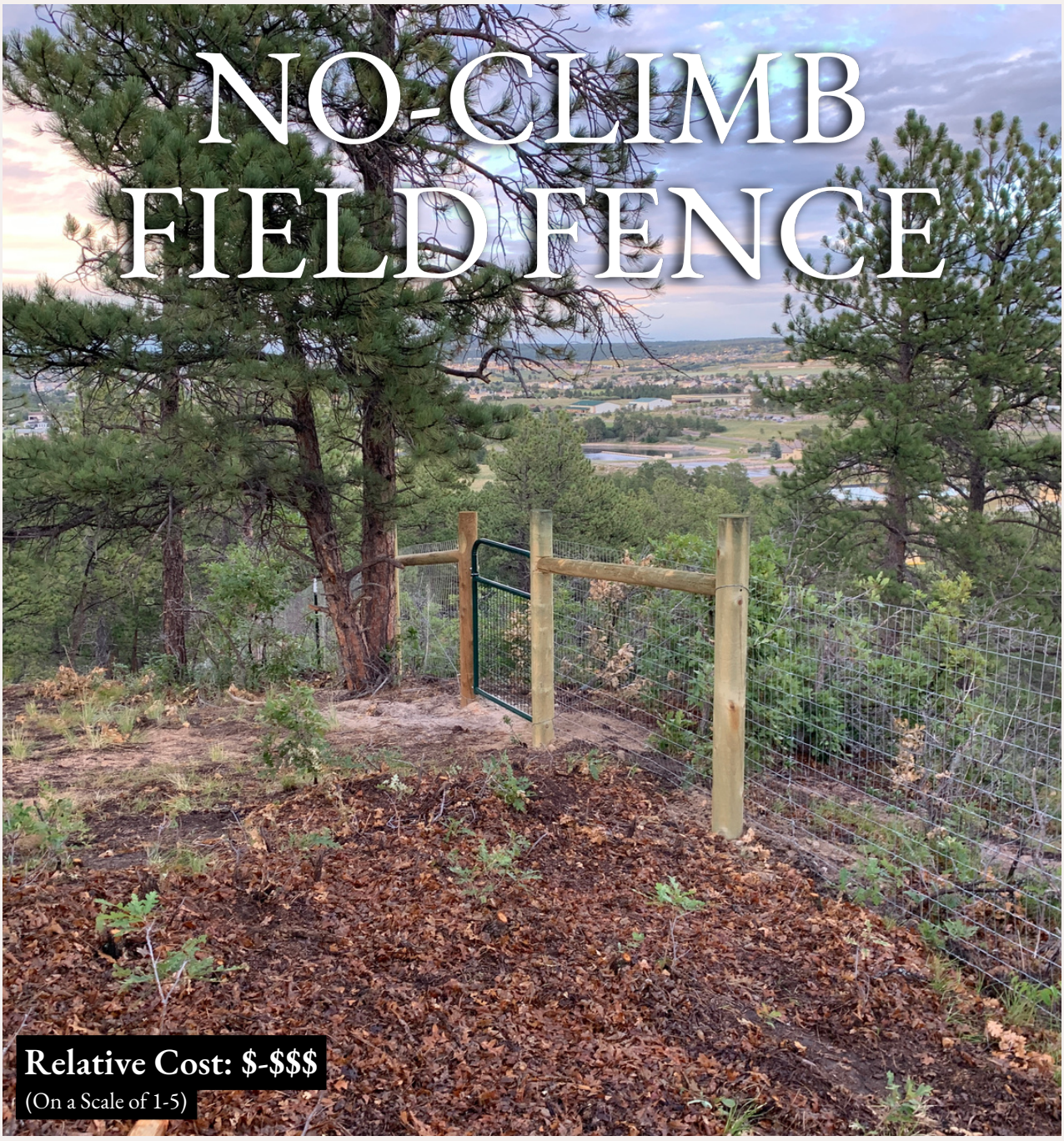
Great for use with horses, cattle, or other large livestock. Also great to use with unprotected no-climb wire to keep animals from crushing the top of the wire mesh.

Pros:

- Cost effective given its aesthetic quality and high functionality by delivering any amount of required electric charge.

Cons:

- More expensive than traditional electric fence and must use wood posts at least intermittently throughout the fence.
- Longer completion time than typical electric fence.



Description:

Either Welded wire for more strength from the wire itself, or welded wire for lower visibility of the fence. Either 2”x4” spacing or 4”x4” spacing in the wire mesh. Comes between 36” and 72” tall. Can be paired with either t-posts, round wood posts, or square wood posts. Must have at least wooden h-braces on ends and corners.

Use Case:

On its own without adding rails or electric, it can make a good option for installing long lines of fence capable of excluding coyotes, foxes, and other small-medium predators, while also effectively containing dogs, sheep, goats, and chickens. Can be a safe fencing options for horses and cattle with the addition of electric and/or rails.

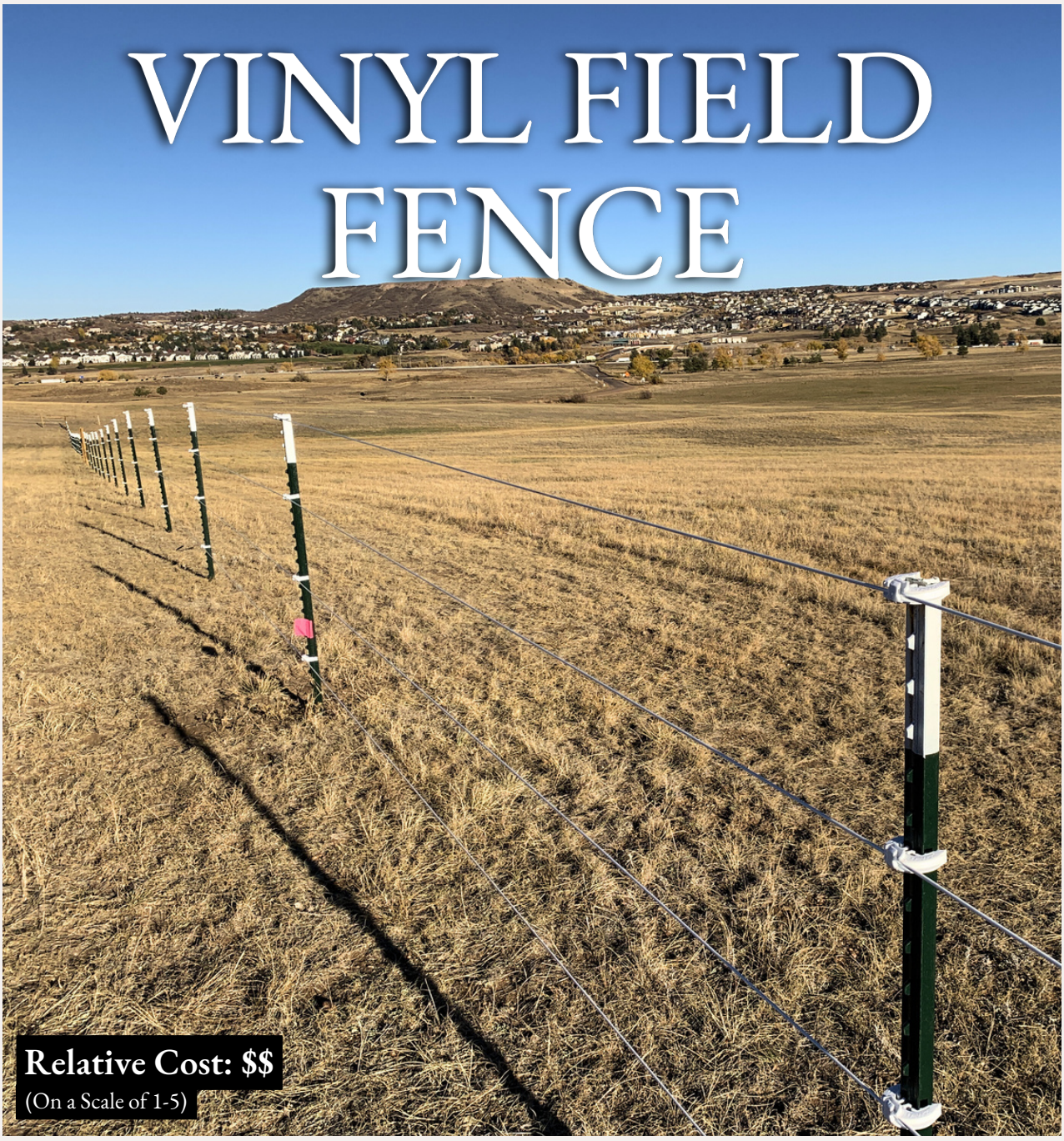
Pros:

- Highly versatile fence that can be used to keep just about anything in or out from small dogs to horses.
- Inexpensive compared to other kinds of all enclosing fencing.

Cons:

- Not as durable as vinyl coated fencing, and not as strong as wooden rail fencing.
- Not recommended for use with cattle or horses *without adding electric or some kind of vinyl or wooden rails to it.
- Somewhat high maintenance.

VINYL FIELD FENCE



Description:

Solid vinyl wire strand fencing. Comes in white or black, whichever would best appeal to your landscape. Is not very visible, but very flexible and will not snap easily. Can be paired with t-posts, round, or square wood posts. Requires wooden h-braces on the ends and corners.

Use Case:

On its own, vinyl field fence is best used as a soft barrier to define sections of land and offer some soft separation of non-intrusive livestock such as horses. However, if paired with an electric line, it becomes an effective barrier to wildlife, horses, and cattle. Good for lower budget, long fence line projects.

Pros:

- Extremely cost effective option for building a barrier fence.
- Low maintenance.

Cons:

- Not the most effective at containing or excluding things on its own.

Common Add Ons:

- Electric - to contain horses or cattle.
- Wood posts instead of t-post.
- Add cross member.
- Increase height of fence.

SMOOTH WIRE FIELD FENCE



Description:

Double stranded twisted barbless wire stretched under high tension to provide a semi-solid barrier. The traditional non-abrasive horse or cattle fence. Typically needs at least 5 strands but can be installed with as few as 3 strands and as many as 18 strands depending on the application and height of the fence. Can be paired with t-post, square posts, and round posts.

Use Case:

Great option for long fence line applications with the purpose of containing horses and cattle in a nonabrasive manner such as barbed wire and is less expensive than almost all other fence types.

Pros:

- Cost effective .
- Time-tested fence for.
- Relatively low. maintenance.
- Containment fence for all kinds of larger livestock such as horses and cattle.

Cons:

- Not effective for keeping small animals out.
- Not effective for containing smaller animals such as goats or dogs.

*Wire mesh is an effective and inexpensive way to keep small animals in or out.



Description:

Everyone wants a centerpiece to their property. Might as well be the one thing everyone who visits is guaranteed to see, which would be your entrance way. Custom metal and wood gates are a great way to enhance the first impression your property gives to visitors. We have a growing catalog of projects and happy customers who have taken us up in this area of our expertise with custom, built-to-suit designs for both the gates themselves, and the pillars that frame them.

Pros:

- Highly versatile.
- Great aesthetics.
- Great for keeping unwanted "guests" off of your property.

Cons:

- Expensive (*but built to last)

There's Much More...



You don't need to be a fencing expert to know we left a lot of fence types out.

Visit **www.tjcrfencing.com/fences** to see more fence types.

Again, if you have any questions or want to get a free quote don't hesitate to reach out.

Email: Will@tjcrfencing.com
Phone: (720) 979-1524