Wood Fencing

Required Items

- Pressure-treated posts
- Pressure-treated boards
- Outdoor wood screws
- Earth Auger, 40V Electric or Gas
  - Ryobi 40V Auger
  - 10-inch Bit
- Temporary 3ft Stakes
- Twine
- Concrete/Gravel, estimate 3 60-lbs bags per hole

Quick Reference

- All wood should be **Pressure Treated** to last exposed to the elements
- Verify utility lines before you dig
  - Ontario One Call
- Fence posts are generally 4x4'
- Fence posts should not be further apart than 8'
- Fence posts need to be buried
  - The hole must be as deep as 30-50% of the post's above-ground height
  - Deeper burials provide better rigidity in structure
  - The hole's diameter must be 3x wide as the post used - ex: a 4x4' post is 3.5" wide, requiring a hole diameter of 10.5"
  - The post should sit flat and level in the hole, and be arrested with collars while concrete or gravel is poured in
  - Fill the hole almost entirely, leaving 4" to be filled with soil
  - Do not attach fencing to posts until concrete is cured

Installing Posts

- Dig holes for the end posts of the fence
- Install temporary stakes in the same line as the planned fence
- Run a length of twine between the steaks, overlapping the dug holes.
  This serves to ensure that the installed end posts maintain the same facing as one another
- Flatten the earth at the bottom of the holes, and drop posts within
- Install Post Collars around the posts
- Bring the posts level while maintaining facing
- Pour concrete/gravel around the posts, while performing fine-tuning leveling adjustment

- > **Do not** lift the posts once concrete/gravel has been added, as the material will slip under the post's base, reducing its depth
- Wait for concrete to set

Post Collars

- Collar should be constructed with 2x4's
- Two boards should run for at least 2'
- Two other boards should be cut to the width of the post used +3/16" for tolerance
- The end result will be a bracket with a hole in its center the same size as the used post
- It aid in the post holding its position while leveling adjustments are made, and cement/gravel is poured
- Reference photo:



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