Newbury & Scalloped Newbury — Traditional Picket Fence

1. Getting Started
   - Be sure to call underground prior to digging
   - Assemble gates (if necessary) and decide where they will be located
   - Stake out the fence line
   - Space and mark post hole locations for gate and sections (spacer bar/template may be useful)
   - Start at gate end post and work outward to determine proper fence height relative to ground

2. Dig Holes
   - Dig holes 30" deep or to frost line
     - hole size for 4 x 4 posts = 10"
   - Clean holes and check for straight walls
   - Note: Fence section may have to be supported under bottom rail to allow post to extend the correct distance from grade to accommodate panel size

3. Install Posts
   - Insert post in hole
   - Determine rough height
   - Fill hole around post with concrete mix (sand, gravel and cement) approximately 2" below grade
   - Tap concrete in hole to eliminate air pockets
   - Level and square post

4. Attach Rail Brackets
   - Locate bottom bracket on post to allow a 2" clearance from bottom rail to grade
   - Secure bracket to post with provided 1" screws.

5. Install Fence Panel
   - Install post caps
   - Caps may be secured with glue, silicone adhesive or #8 x 3/4" screws, caps and washers

6. Install Gates (See Fig. 1)
   - Set hinge and latch posts 4 3/4" apart to allow for hardware and gate (actual gate width 41-1/4" plus 1" for hinge plus 3/4" for latch)
   - Fill posts with concrete and 2 pieces of 1/2" rebar positioned in opposing corners of post. Rebar should extend from bottom of hole to 12" from top of post.
   - Allow post to set for 72 hours before hanging gate. An aluminum post stiffener can be used instead. When using aluminum insert, pre-drill a 5/32" hole for hinge screws.
   - Note: Rails of gate should line up with rails of fence.
   - Position gate in opening, support to correct height and determine position of hinges.
   - Attach hinges to hinge post before filling with concrete.
   - Attach latch catch to latch post.
   - Attach hinges to gate to hang gate.
   - Position striker bar on gate and secure.

7. Solidify Gate Posts
   - It is critical that gate hinge and latch posts are solid to ensure proper gate functionality. Two methods are available:
     A. Aluminum gate post stiffener
        - Slide aluminum gate stiffener inside hinge, latch or end posts with open end facing routed hole
        - Drive a screw through vinyl into the aluminum stiffener at the bottom of the post to hold in place
        - Insert post into ground
        - Fill hole with concrete around outside of post
     B. Concrete and rebar*
        - Use two pieces of 1/2" rebar in each hinge, latch and end post
        - Rebar should extend from the bottom of the hole to 12" from the top of the post
        - Hold rebar in opposite corners of post with rebar separator clips
        - Fill post with concrete mix to cover rebar and hardware fasteners
        - Tap post with a rubber mallet to eliminate air pockets
        - Leave gate on blocks for 72 hours to allow concrete to set

8. Install Caps
   - Install post caps
   - Caps may be secured with glue, silicone adhesive or #8 x 3/4" screws, caps and washers

Fig. 1 Newbury & Scalloped Newbury

* Caution – In climates that experience freeze-thaw cycles, this installation method could result in post cracking. This would not be covered by the warranty.

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