Privacy Fence
Chesterfield

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 5 x 5 posts = 12”
   - Clean holes and check for straight walls

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

4. Install Bottom Rail
   - Tape the ends of any rail going into a post that is to be filled with concrete to prevent concrete seepage
   - Insert lock ring in both ends of bottom rail
   - Depress lock ring tabs, insert bottom rail in post
   - Tabs will recoil to hold rail in post

5. Install Second Post
   - Insert second post in hole
   - Insert bottom rail in post
   - Insert block under bottom rail to position of correct fence height
   - Fill hole around second post with concrete mix
   - Tamp, level and square post
   - Assembly may be continued by installing all bottom rails first or one section at a time

6. Support and Secure
   - Level and square fence
   - To lower a post, place a wood block from corner to corner of the post and carefully tap with a mallet
   - Never strike the PVC post without a wood support

7. Install Pickets and Rails
   - Pickets are cut at a 5˚ angle to accommodate a 1’ slope (last picket has tongue ripped to sit flush against post)
   - Insert pickets in bottom rail
   - Insert top rail over pickets
   - Depress lock ring tabs, insert top rail in post

8. Hang Gate/Install Hardware
   - For complete details, see gate installation instructions in hardware box
   - Position gate between posts
   - Allow 1” gap for hinge and 3/4” for latch and gate swing
   - Block up gate to square with fence; rails should be level
   - Gate hardware must be mounted to two sides of the post

9. Solidify Gate Posts
   - It is critical that gate hinge and latch posts are solid to ensure proper gate functionality. Two methods are available:
     A. 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
        - Tamp post with a rubber mallet to eliminate air pockets
        - Leave gate on blocks for 72 hours to allow concrete to set
     B. Aluminum gate post stiffener
        - Slide aluminum gate stiffener inside hinge, latch or end posts with open end facing routed hole
        - Drive a screw through the 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

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

For accents, see page 30
Privacy Fence

Includes: Chesterfield
Chesterfield with CertaGrain™ Texture

Post centers:
4 X 4 Posts = 95-1/8"
5 X 5 Posts = 96-1/8"

Post holes:
4 X 4 Posts = 10"
5 X 5 Posts = 12"

Hole diameter:
4 X 4 Posts = 2-3/4"
5 X 5 Posts = 3-1/4"

Post support options:
Use (2) pieces of 1/2" rebar in hinge, latch and end posts. Position rebar in opposing corners of each post with 1/2" rebar separators. Insert aluminum post stiffener inside post for faster, cleaner installation.

Embedment detail for optional line post stiffener aluminum insert:
Minimum 48" insert required to comply with high velocity hurricane zones section 1.2.1 of the Florida building code.

Section A-A line post stiffener aluminum insert:
Concrete: 3000 psi 1 minimum
Ground level:
Concrete slab 2-1/2 minimum
Gravel fill

Tongue ripped off last picket to sit flush against post.

Degrade holes 30" deep or to frost line.

ALLOW CLEARANCE FOR GATE SWING

Pickets for this style are tongue and groove.
Allow 1" for hinge and 3/4" for latch system.

Featuring Windbreaker technology.
Privacy Fence
Chesterfield with Huntington and Westminster Accents

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 (space 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 5 x 5 posts = 12"
- Clean holes and check for straight walls

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

4. Install Bottom Rail
- Tape the ends of any rail being inserted into a post that is to be filled with concrete to prevent concrete seepage
- Insert lock ring in each end of rail
- Depress lock ring tabs and insert rail in post. Tabs will recoil to hold rail in post

5. Install Second Post
- Insert second post in hole
- Insert bottom rail in post
- Insert block under bottom rail to position at correct fence height
- Fill hole around second post with concrete mix
- Tamp, level and square fence
- Assembly may be continued by installing all bottom rails first, or one section at a time

6. Support and Secure
- Level and square fence
- To lower a post, place a wood block from corner to corner on the post and carefully tap with a mallet
- Never strike the PVC post without a wood support

7. Install Pickets and Rails
- Insert pickets in bottom rail
- Insert top rail over pickets
- Depress lock rings tabs, insert top rail in post

8. Install Accents
- Huntington
  - Insert top 3 x 3 rail with larger holes facing down into post by depressing bullet clips as rail is inserted
  - Bullet clip will drop down to hold rail in place
  - Insert pickets thru rail and lock into top fence section rail (Pickets are factory crimped to hold in place)
  - To create desired scalloped effect, longer length pickets will need to be cut and then crimped, or a bullet clip may be inserted to hold picket in rail
- Westminster
  - Insert bottom and side channels (overlap ends) into position on rail and posts - secure with #8 x 1-1/2" screws
  - Insert lattice into channels
  - Slide top channel over lattice
  - Insert top 3 x 3 rail into routed post holes
  - Secure top channel to 3 x 3 top rail with #8 x 1-1/2" screws

9. Hang Gate/Install Hardware
- For complete details, see gate installation instructions in hardware box
- Position gate between posts
- Allow 1" gap for hinge and 3/4" for latch and gate swing
- Block up gate to square with fence; rails should be level
- Gate hardware must be mounted to two sides of the post

10. Solidify Gate Posts
- It is critical that gate hinge and latch posts are solid to ensure proper gate functionality. Two methods are available:
  A. 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
    - Tamp post with a rubber mallet to eliminate air pockets
    - Leave gate on blocks for 72 hours to allow concrete to set
  B. Aluminum gate post stiffener
    - Slide aluminum gate stiffener inside hinge, latch or end posts with open end facing routed hole
    - Drive a screw through the 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

11. Install Caps
- Install post caps
- Caps may be secured with glue, silicone adhesive or #8 x 1-1/2" screws, caps and washers
Privacy Fence

Includes: Chesterfield with Huntington Accents
Chesterfield with Westminster Accents

**Post Support Options**

Use (2) pieces of 1/2" rebar in hinge, latch and end posts. Position rebar in opposing corners of each post with rebar separator clips.

Insert aluminum gate post extenders inside post for faster, cleaner installation.

HOLD BOTTOM RAILS IN POST WITH LOCK RING

POST HOLES
5 X 5 POSTS = 12"

POST CENTERS
5 X 5 POSTS = 96-1/8"

POST SUPPORT OPTIONS

TONGUE RIPPED OFF LAST PICKET TO SIT TANGLE AGAINST POST

ALLOW CLEARANCE FOR GATE SWING

ALLOW 1" FOR HINGE AND 3/4" FOR LATCH SYSTEM

Towel holes 30" deep or to frost line

REBAR SEPARATOR CLIP

1/2" REBAR

TO ACHIEVE THIS SCALLOP:

- CUT 1" OFF BOTTOM OF 3RD PICKET
- CUT 2" OFF BOTTOM OF 4TH PICKET

WESMINSTER HUNTINGTON

TONGUE RIPPED OFF LAST PICKET TO SIT TANGLE AGAINST POST

ALLOW CLEARANCE FOR GATE SWING

POST CENTERS
3 X 3 POSTS = 72"

POST HOLES
3 X 3 POSTS = 12"

POST SUPPORT OPTIONS

USE (2) PIECES OF 1/2" REBAR IN HINGE, LATCH AND END POSTS. POSITION REBAR IN OPPOSING CORNERS OF EACH POST WITH REBAR SEPARATOR CLIPS.

INSERT ALUMINUM GATE POST EXTENDERS INSIDE POST FOR FASTER, CLEANER INSTALLATION.
Privacy Fence
Norfolk 1

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 5 x 5 posts = 12"
   • Clean holes and check for straight walls

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

4. Install Bottom Rail
   • Tape the ends of any rail going into a post that is to be filled with concrete to prevent concrete seepage
   • Insert lock ring in both ends of bottom rail
   • Depress lock ring tabs, insert bottom rail in post
   • Tabs will recoil to hold rail in post

5. Install Second Post
   • Insert second post in hole
   • Insert bottom rail in post
   • Insert block under bottom rail to position of correct fence height
   • Fill hole around second post with concrete mix
   • Tamp, level and square fence
   • Assembly may be continued by installing all bottom rails first or one section at a time

6. Support and Secure
   • Level and square fence
   • To lower a post, place a wood block from corner to corner of the post and carefully tap with a mallet
   • Never strike the PVC post without a wood support

7. Install Pickets and Rails
   • Insert pickets in bottom rail
   • Insert top rail over pickets
   • Depress lock ring tabs, insert top rail in post
   • Insert midrail into posts
   • Secure midrail on both sides through the same picket with (2) 4d x 1-1/2" screws, snap caps and washers

8. Hang Gate/Install Hardware
   • For complete details, see gate installation instructions in hardware box
   • Position gate between posts
   • Allow 1" gap for hinge and 3/4" for latch and gate swing
   • Block up gate to square with fence; rails should be level
   • Gate hardware must be mounted to two sides of the post

9. Solidify Gate Posts
   • It is critical that gate hinge and latch posts are solid to ensure proper gate functionality. Two methods are available:
     A. 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
        - Tamp post with a rubber mallet to eliminate air pockets
        - Leave gate on blocks for 72 hours to allow concrete to set
     B. Aluminum gate post stiffener
        - Slide aluminum gate stiffener inside hinge, latch or end posts with open end facing routed hole
        - Drive a screw through the 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

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

For accents, see page 30
Privacy Fence

Includes: Norfolk 1

- ALLOW CLEARANCE FOR GATE SWING
- ALLOW 1" FOR HINGE AND 3/4" FOR LATCH SYSTEM
- DIG HOLES 30" DEEP OR TO FROST LINE
- POST SUPPORT OPTIONS
  - REBAR
  - SEPARATOR CLIP
  - 1/2" REBAR
  - USE (2) PIECES OF 1/2" REBAR IN HINGE, LATCH AND END POSTS. POSITION REBAR IN OPPOSING CORNERS OF EACH POST WITH REBAR SEPARATOR CLIPS.
  - INSERT ALUMINUM POST STIFFENER INSIDE POST FOR FASTER, CLEANER INSTALLATION
- SECURE MID BRACE TO PICKETS WITH SCREWS, AT THE SAME LOCATION ON BOTH SIDES OF THE FENCE
- 5 X 5 POSTS = 95-1/8"
- POST HOLES 5 X 5 POSTS = 12"

- HOLD TOP RAILS IN POST WITH LOCK RING
- HOLD BOTTOM RAILS IN POST WITH LOCK RING

- POST CENTERS 4 X 4 POSTS = 9-1/8"
Privacy Fence
Galveston

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 48" deep
   • hole size for 5 x 5 posts = 12"
   • Clean holes and check for straight walls

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

4. Install Bottom Rail
   • Tape the ends of any rail going into a post that is to be filled with concrete to prevent concrete seepage
   • Insert lock ring in both ends of bottom rail
   • Depress lock ring tabs, insert bottom rail in post
   • Tabs will recoil to hold rail in post

5. Install Second Post
   • Insert second post in hole
   • Insert bottom rail in post
   • Insert block under bottom rail to position at correct fence height
   • Fill hole around second post with concrete mix
   • Tamp, level and square fence
   • Assembly may be continued by installing all bottom rails first or one section at a time

6. Support and Secure
   • Level and square fence
   • To lower a post, place a wood block from corner to corner of the post and carefully tap with a mallet
   • Never strike the PVC post without a wood support
   
   For accents, see page 30

7. Install Pickets and Rails
   • Insert pickets in bottom rail
   • Insert mid-rail over pickets
   • Depress lock ring tabs, insert mid-rail in post
   • Insert next row of pickets in mid-rail
   • Insert top rails over pickets
   • Depress lock ring tabs, insert top rail in post

8. Hang Gate/Install Hardware
   • Position gate between posts
   • Allow 1" gap for hinge and 3/4" for latch and gate swing
   • Block up gate to square with fence; rails should be level
   • Gate hardware must be mounted to two sides of the post
   • For complete details, see gate installation instructions in hardware box
   • Galveston gate requires 3 hinges

9. Solidify Gate Posts
   • It is critical that gate hinge and latch posts are solid to ensure proper gate functionality. Two methods are available:
   A. 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
      • Tamp post with a rubber mallet to eliminate air pockets
      • Leave gate on blocks for 72 hours to allow concrete to set
   B. Aluminum gate post stiffener
      • Slide aluminum gate stiffener inside hinge, latch or end posts with open end facing routed hole
      • Drive a screw through the 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

10. Fill Fence Posts
    • Insert two pieces of rebar, in all end, line and corner posts.
    • Fill with concrete mix to cover rebar at a height 1" below middle rail
    • Tamp post with a rubber mallet to eliminate air pockets

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

Includes: Galveston

- Tongue ripped off last picket to sit flush against post
- Allow clearances for gate swing
- Allow 1" for hinge and 3/4" for latch system
- Note: 3 hinges are required for Galveston fill end, line and corner posts with concrete to 1" below middle rail. Use (2) pieces of 1/2" rebar in each post. Length of rebar should extend from bottom of hole to 4" below middle rail.

Post Support Options
- Rebar
- Separator Clip

- Use (2) pieces of 1/2" rebar in hinge, latch and end posts. Position rebar in opposing corners of each post with rebar separator clips.
- Insert aluminum gate post stiffener inside post for faster, cleaner installation.

- Hold top rails in post with lock ring
- Hold bottom rails in post with lock ring
- Dig holes 48" deep
- Post centers 5 x 5 posts = 96-1/8"
- Post holes 5 x 5 posts = 12"
Privacy Fence
Lexington

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 5 x 5 posts = 12”
• Clean holes and check for straight walls

3. Install First Post
• Insert post in hole
• Determine rough height
• Fill hole around post with concrete mix (sand, gravel and cement) approximately 2” below grade
• Tamp concrete in hole to eliminate air pockets
• Level andsquare post

4. Install Bottom Rail
• Tape the ends of any rail going into a post that is to be filled with concrete to prevent concrete seepage
• Insert lock ring in both ends of bottom rail
• Depress lock ring tabs, insert bottom rail in post
• Tabs will recoil to hold rail in post

5. Install Second Post
• Insert second post in hole
• Insert bottom rail in post
• Insert block under bottom rail to position of correct fence height
• Fill hole around second post with concrete mix
• Tamp, level and square fence
• Assembly may be continued by installing all bottom rails first or one section at a time

6. Support and Secure
• Level and square fence
• To lower a post, place a wood block from corner to corner of the post and carefully tap with a mallet
• Never strike the PVC post without a wood support

7. Install Pickets and Rails
• Insert pickets in bottom rail (last picket has tongue ripped to sit flush against post)
• Insert top rail over pickets
• Depress lock ring tabs, insert top rail in post

8. Hang Gate/Install Hardware
• For complete details, see gate installation instructions in hardware box
• Note: Actual preassembled gate width for Lexington is 42-3/8”
• Position gate between posts
• Allow 1” gap for hinge and 3/4” for latch and gate swing
• Block up gate to square with fence, rails should be level
• Gate hardware must be mounted to two sides of the post

9. Solidify Gate Posts
• It is critical that gate hinge and latch posts are solid to ensure proper gate functionality. Two methods are available:
  A. 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
     - tamp post with a rubber mallet to eliminate air pockets
     - Leave gate on blocks for 72 hours to allow concrete to set
  B. Aluminum gate post stiffener
     - Slide aluminum gate stiffener inside hinge, latch or end posts with open end facing routed hole
     - Drive a screw through the 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

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

For Lattice accents, see page 31
Privacy Fence

Includes: Lexington

- Include: Lexington
- Allow clearance for gate swing
- Tongue ripped off last picket to sit flush against post
- Allow 1" for hinge and 3/4" for latch system
- Dig holes 30" deep or to frost line
- Post support options:
  - Use 1" rebar in hinge, latch and end posts.
  - Position & install using rebar separator clips.
  - Insert aluminum gate post stiffener inside post for faster, cleaner installation
- Post centers:
  - 5 x 5 posts = 96-1/8"
  - 4 x 4 posts = 10"
Accent Fence
Lattice, Victorian

Once the main fence section is installed, proceed as follows:

Lattice
- Measure distance between inside faces of the posts
- Cut bottom channel to fit between posts
- Fasten bottom channel to top fence rail with
  (5) #8 X 1-1/2" screws evenly spaced along the length
- Insert lattice panel in channel
- Insert top channel over lattice
- Insert both ends of top channel into routed post holes
- Secure top channel in position with #8 x 3/4" screws
  from inside post
- Fasten lattice to both channels with (6) #8 x 3/4"
screws, washers and snap caps spaced along channel
  (connect to the same lattice strip on top and bottom)

Victorian
- Measure distance between inside faces of posts
- Center and cut bottom channel to fit between posts to
  maintain even picket spacing
- Fasten bottom accent rail to top fence rail with
  (5) #8 X 1-1/2" screws inserted through picket holes
- Insert pickets in bottom rail
- Insert top rail over pickets
- Insert both ends of top rail into routed post holes
- Secure top rail in position with #8 x 3/4" screws from
  inside the post

NOTE: Accents can be added to the following styles:
- Chesterfield
- Columbia
- Galveston
- Norfolk I

SHOWN WITH CHESTERFIELD FENCE
Accent Fence
Lattice - Lexington Style

Once the main fence section is installed, proceed as follows:

Lattice

- Leave one end of deco top rail out of post
- Starting at the end, slide lattice into top rail channel
- Insert rail into routed post, secure with locking
- Starting at the end, slide 1 1/2" square top channel over lattice
- Insert both ends of top channel into routed post
- Secure rail inside post with a #8 x 3/4" screw (do this on both ends)