

Post hole design detail



Seal top of concrete to post gap with acrylic/latex or silicone caulk (clear); optional

Post installation specifications:
Coat bottom of post that is below grade level with weather proof coating (Cuprinol or equivalent)
Bottom of post hole filled with 2"-4" gravel for drainage. Post end to protrude into gravel
Concrete to be Quikrete or equivalent with top of concrete above grade (~1") and sloped from post to grade for drainage away from post.
~12" diameter hole for 4 x 4" post

Concrete cap drainage slope

Grade: Ground Level

Quickcrete with water drainage
Troweled sloping cap at top for drainage.



~12" Dia. hole

4" post

30" min. ground penetration
Posts set in concrete w/weather proof coating
Copper green' Post set on top of 4-6" gravel

Gravel: 4"-6" bottom of post hole

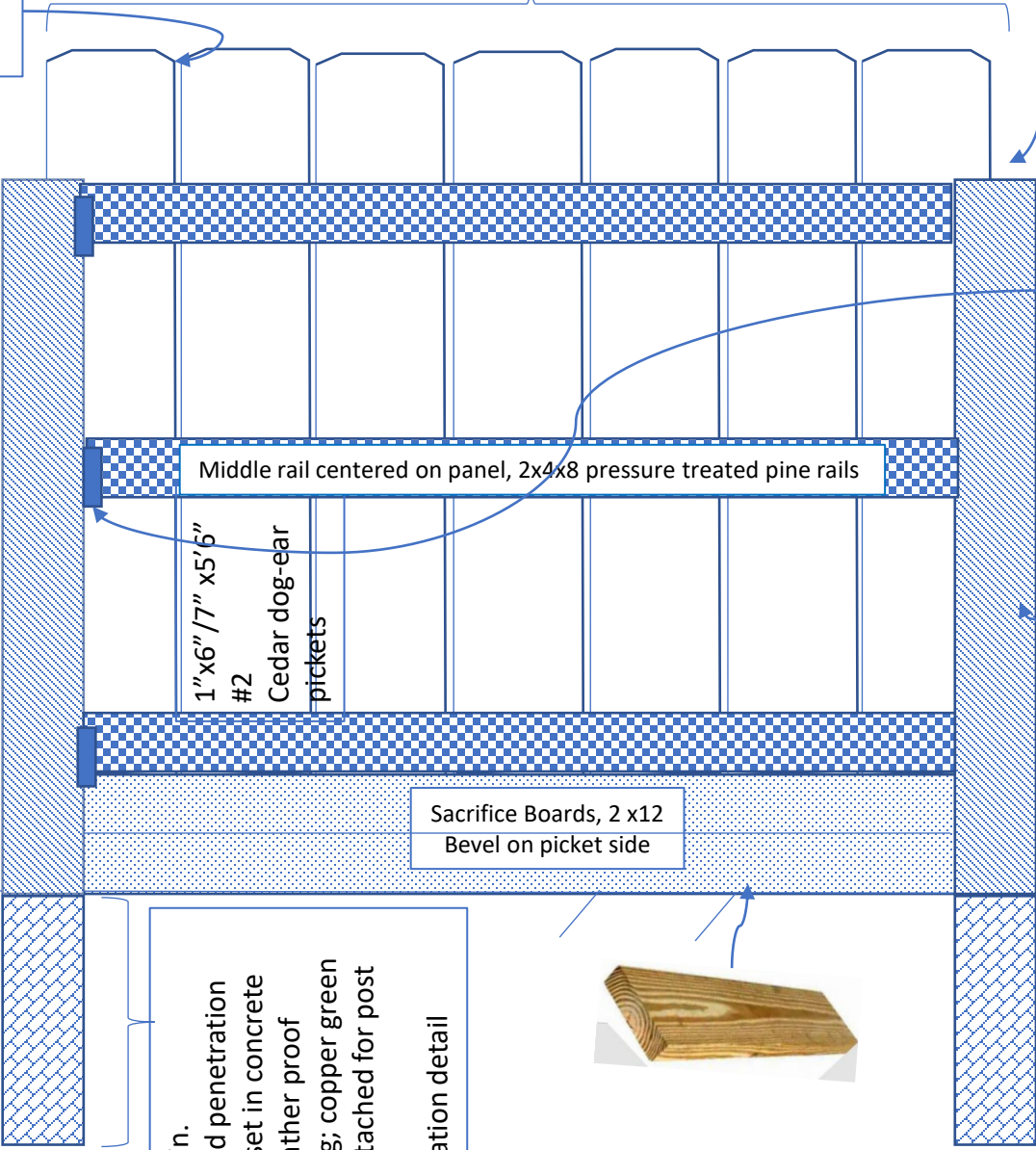


Post to post center line width panel distance
~7' min. - 8' max.

- 3" hot dipped galvanized ring shank nails for fence structure (~ 1 pound)
- 1-1/2-Inch x .090-Inch Ring Shank Stainless Steel Siding Nails

1/8" gap max. between pickets
6 x 6' x 5/8" Japanese cedar
Dog-ear (side); 7' back

Six feet (6'); pickets, dog-ear, side
Seven feet (7'); pickets, dog-ear, back



Galvanized clips
(not toe-nailed)

6" top of picket
To top rail
Cut post to size after install

Middle rail centered on panel, 2x4x8 pressure treated pine rails

1"x6"/7" x5'6"
#2
Cedar dog-ear
pickets

3 rails per panel
2"x4" ACQ
Treated pine

4"x4"x10' ACQ
Treated pine posts

Sacrifice Boards, 2 x12
Bevel on picket side

Drainage slope
Rot board bevel

Grade: Ground Level

Level rot board rails
Place bottom of picket on top rot board.

24" min.
ground penetration
Posts set in concrete
w/weather proof
coating; copper green
See attached for post
hole
Installation detail



**When last panel to be installed,
measure distance to be left
rip last remaining pickets to width
to avoid undersized narrow picket near end of
fence.**

