



Breezewood Alternative Field Template Fixture



Alternative Field Template Fixture

A fixture that secures the Breezewood Routing Template for routing of universal post, transition post or step down post.

Can also be used with other template Configurations.



Materials & Method

Materials to build the fixture

- 1 - 2" x 6" x 8ft wood plank
- 2 - 2" x 8" x 8ft wood plank
- 1 - ½" x 10 carriage bolt with nut and washer
- 3" Deck screws
- #8 x 1 ½" screws
- Breezewood routing template

Method

Trim, clean and square each end of the planks and square one edge

Cut planks to 84"

Rip 2" x 6" base to 5 1/16" to accept 5" x 5" PVC post(allows room for a shim)

Rip 2" x 8" sides to 6 7/8" to accept 5" x 5" PVC post

Drill ½" hole through the 2 sides 3 ½" in from end and in the center to accept the ½" bolt
(I plastic-wrapped mine together and drilled it on a drill press
to make sure the holes were aligned on both pieces)

Prepare Wood



Square edges of wood
Mark for end stop
3 ½" from end and centered
Cut to 84" long



Fixture Assembly



For best results, pre-drill and countersink screws through the side pieces into the base.

Be certain to line up the sides with end stop holes with end of the base



Finished fixture frame

End stop bolt should be square to each side



Note: Other Bufftech templates can be applied to this fixture



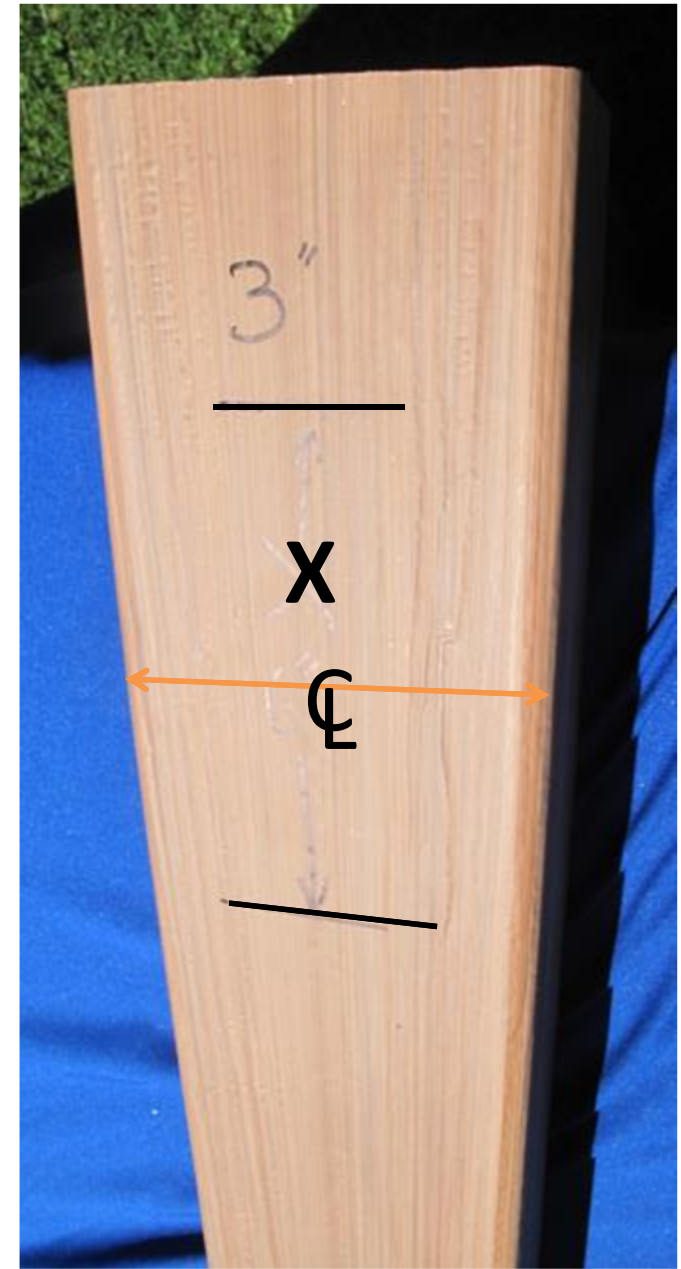
Post Preparation

Mark post –
measure down 3" from top of post

Mark post with 6" long hole

indicate with X in center

Find and mark center of the post at the top
and the bottom roughly the length of the
template



Position and Secure Template



Lay post in fixture touching the end stop

Position template on fixture centering 2 x 6 hole over the marked post hole

Center top and bottom of template on fixture.

Tip: to easily identify markings use a little bright tape find center of Template and mark as shown

Secure Template to Fixture



Using #8 x 1 ½" screws secure the template to the fixture through the countersink holes

Tip: to prevent splitting wood pre- drill a pilot hole and drive screw at a slight angle away from the template



Route End, Line or Corner Post

Slide blank post into fixture to touch end stop

secure the top end of the post to the jig with a clamp

Use a shim between the post and jig at the bottom end of the post to prevent post movement



Route End Line or Corner Post

Route end post

Remove clamps, clean out PVC chips

Remove post

To create Line post or corner post
Rotate post, secure in fixture and route holes





Route Transition Post

6' to 5' or 4'

Slide blank post into fixture to touch end stop

Secure the top end of the post to the fixture with a clamp

Use a shim between the post and jig at the bottom end of the post to prevent post movement

Route as an end post

Rotate post

Using the end stop, start at bottom 2 x 6 hole

Rout out 13 – 7/8" x 3" holes for 5' high

Rout out 10 – 7/8" x 3" holes for 4' high

Remove end stop

Slide post along fixture and align last 7/8" x 3" hole with top 7/8" x 3" hole on template

This will position top 2 x 6 hole at the correct position for routing



Route Top Hole on 5 Foot Side

For step down post – example 6 foot to 5 foot

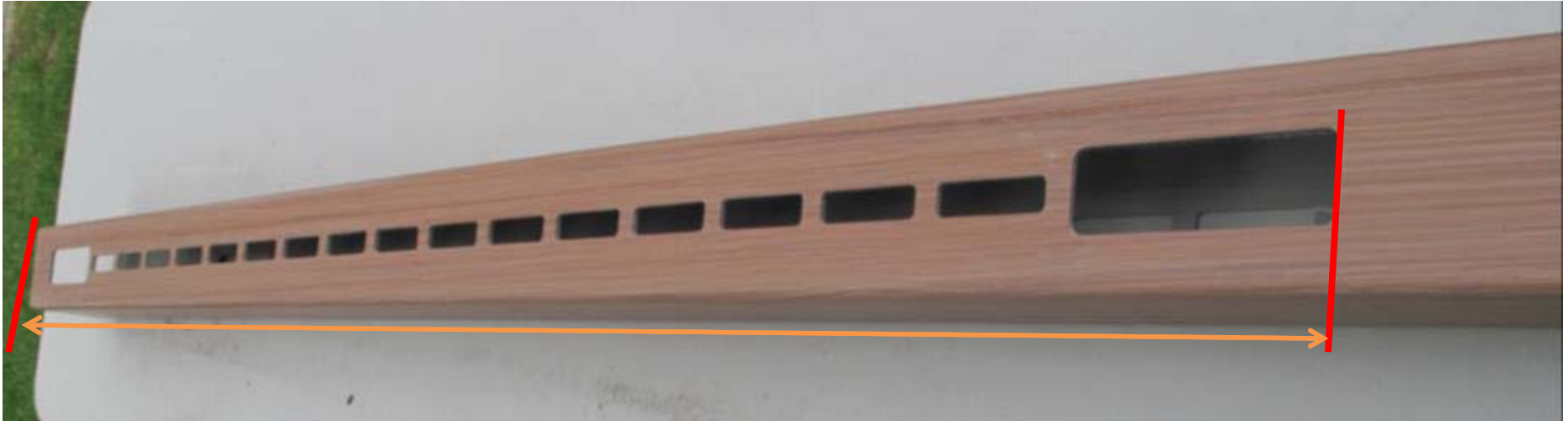
Note – in this configuration the bottom rails will line up.



Loosen clamps pull out end stop bolt
slide post along fixture until last 7/8" x 3" hole cut-out is centered on post

This will position the top 2 x 6 hole in the correct location to cut.

Routing a Step Down Post



Measure down from top of routed end post to bottom of bottom of 2 x 6 hole -
Example 75"

Determine step down distance to be routed on opposite side of post - Example 5"

Rotate post to side to be routed measure down both totals Example 80"

Remove end stop in fixture

From the 80" mark measure back for the bottom 2 x 6 hole

Slide post in jig, center over the 2 x 6 marked hole- clamp post and route holes.

Example of Step Down Post

