



ProWood® Project Plan

OUTDOOR POST TABLE

With ProWood® Professional Grade pressure-treated wood, you can easily build this outdoor post table for your deck or patio and expand your living enjoyment. This table attaches directly to a deck post and its height can be adjusted to suit your needs. Although this project plan includes dimensions and instructions for building one table, build a set of two or more and enjoy casual conversation or informal dining with family and friends.

Materials

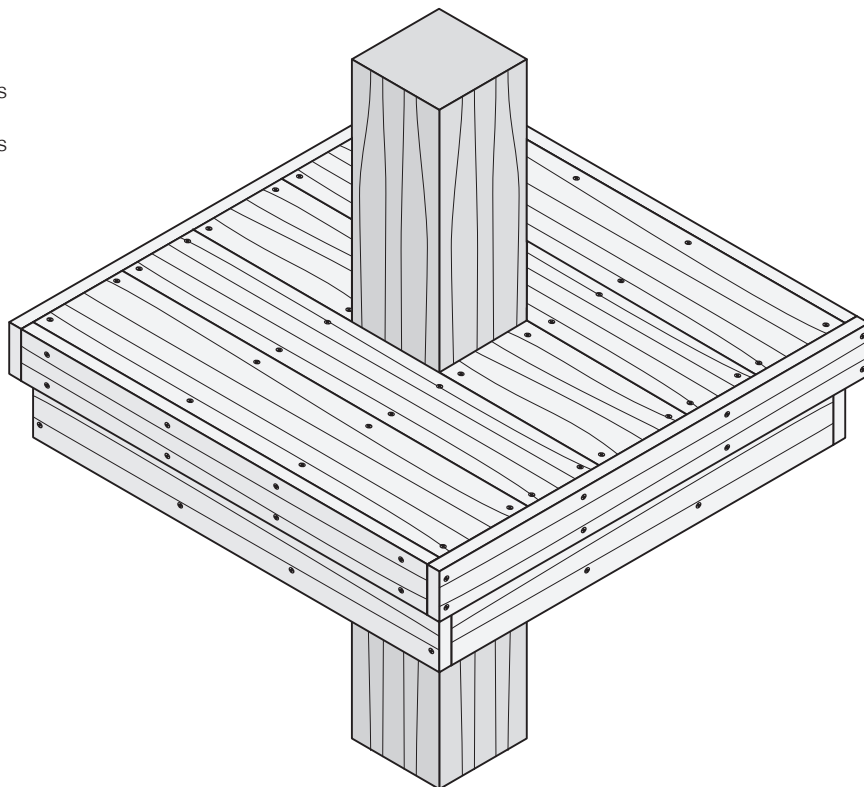
- One 2" x 6" x 8' ProWood® pressure-treated board
- Three 1" x 6" x 8' ProWood® pressure-treated boards
- One box of 2-1/2" #8 galvanized all-purpose screws
- One box of 1-1/4" #6 galvanized all-purpose screws
- Exterior wood glue

Basic Tools

- Table saw or circular saw and straightedge
- Jig saw
- Drill and 3/32" drill bit
- Countersink bit
- Screwdriver (or power drill with screwdriving bit)
- Tape measure
- Carpenter's level
- Carpenter's square
- Parallel or bar clamps

Optional:

- Putty knife
- Assorted sandpaper (course, medium and fine grit)
- Quality exterior primer and paint or stain and sealer
- Paint or stain brush



If your wood project touches the ground, use pressure-treated lumber that is rated for ground contact to ensure long-term performance.

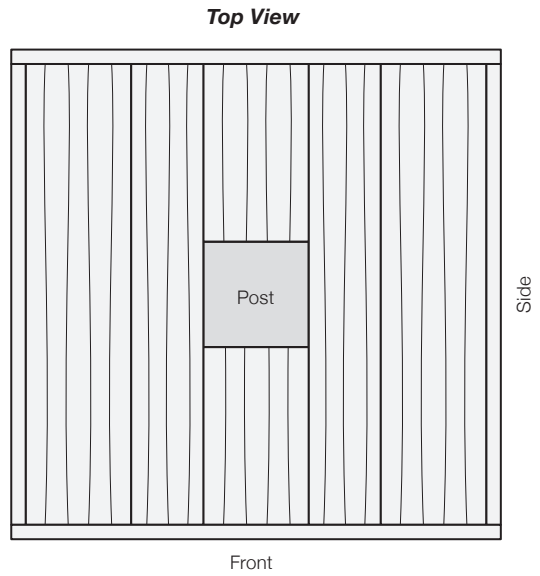
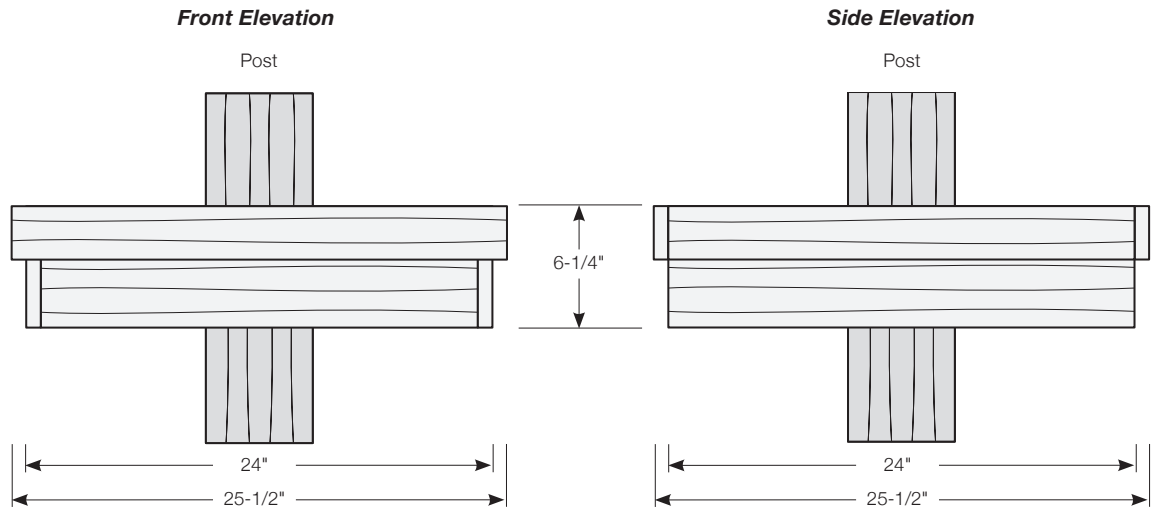


Fig. 1

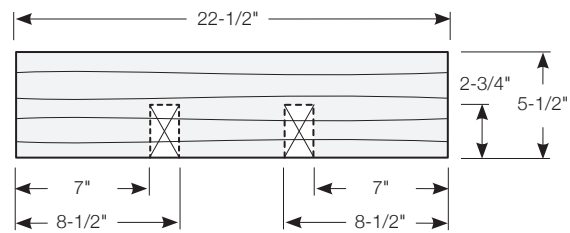


Fig. 2

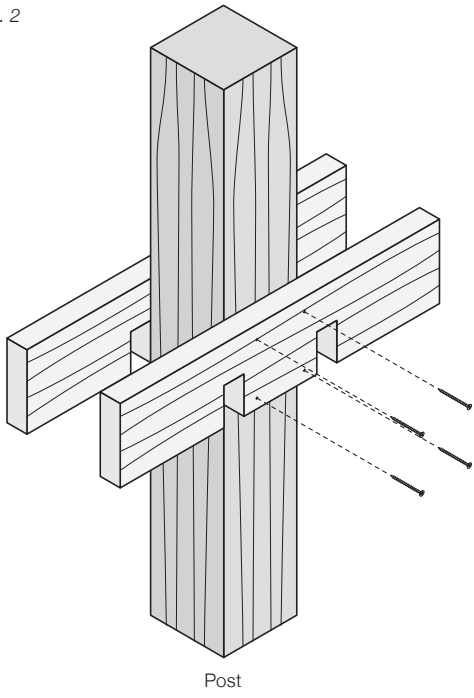


Fig. 4

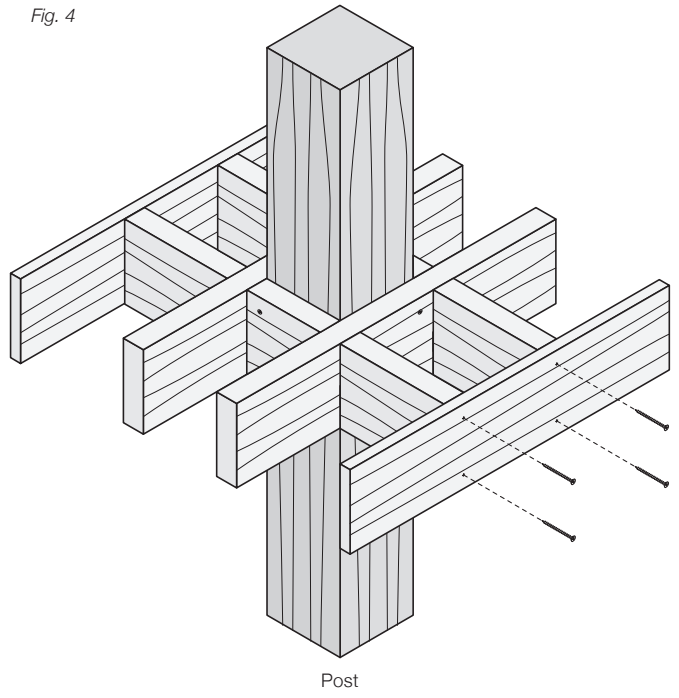


Fig. 3

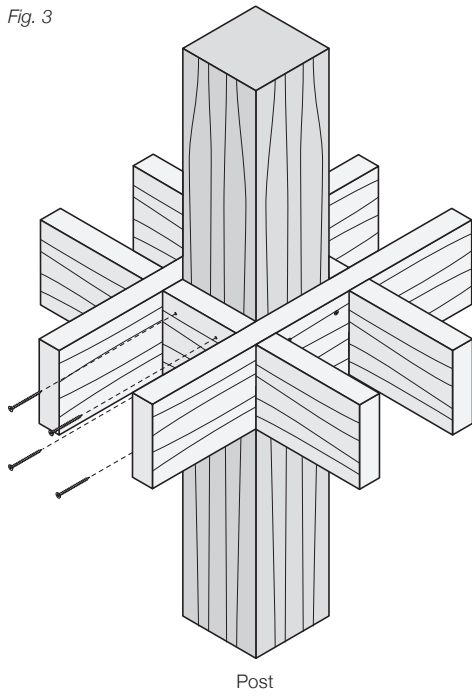


Fig. 5

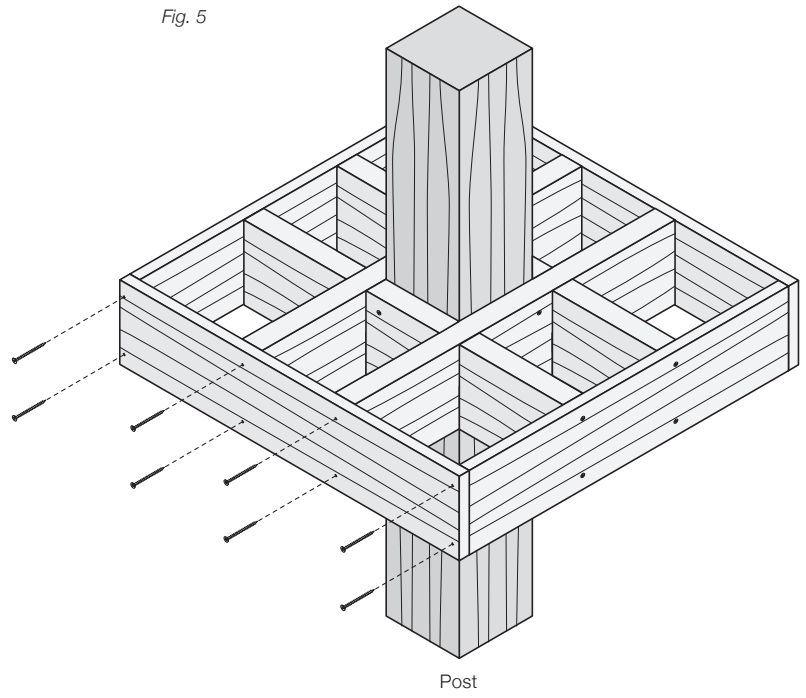


Fig. 6

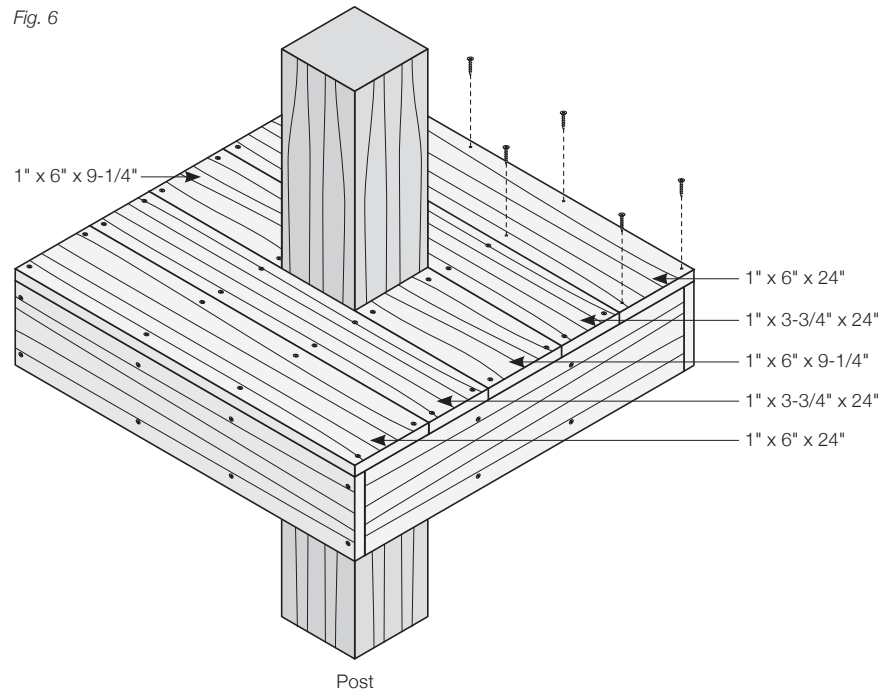
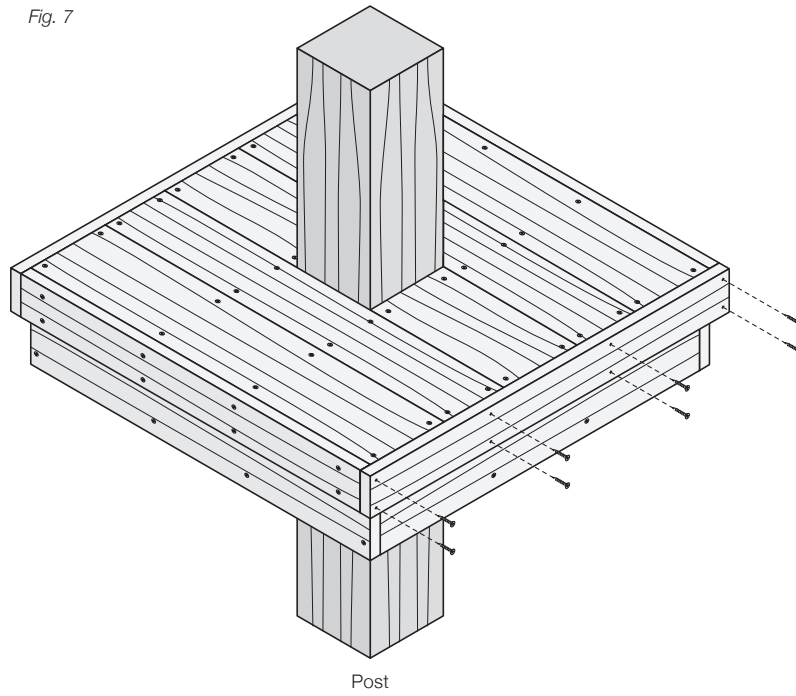


Fig. 7



Cut Lumber to Size

Caution: Always wear gloves, a dust mask and eye protection when sawing, sanding or machining wood.

Using a table saw or a circular saw with a straightedge on a clean, flat, level surface, cut the wood for the components of the outdoor post table as follows.

From one 2" x 6" x 8' board:

(4) Rail at 2" x 6" x 22-1/2"

From one 1" x 6" x 8' board:

(2) Apron at 1" x 6" x 22-1/2"

(2) Apron at 1" x 6" x 24"

From one 1" x 6" x 8' board:

(4) Table Top at 1" x 6" x 24"

Then rip (2) of the above 1" x 6" x 24" to (2) 1" x 3-3/4" x 24"

Scrap the remaining (2) 1" x 1-3/4" x 24" pieces

From one 1" x 6" x 8' board:

(2) Table Top at 1" x 6" x 9-1/4"

From remaining 1" x 6" x 77-1/2" board:

(1) Trim at 1" x 6" x 25-1/2"

Then rip the above in half to (2) 1" x 2-3/4" x 25-1/2"

(1) Trim at 1" x 6" x 24"

Then rip the above in half to (2) 1" x 2-3/4" x 24"

General Assembly Advice

- Periodically use a carpenter's level and square to insure the integrity of the final assembled project.
- Establish a screw pattern to enhance the overall look and feel of this final assembled project.
- Apply exterior wood glue to joining-material surfaces before attaching the pieces together with screws.
- Pre-drill all screw holes to ease the insertion of screws into the wood and prevent splitting.
- Countersink all screws so the head of a countersunk screw, when screwed into the hole, will sit flush with or below the surface of the surrounding material.

Finishing Advice

After this project has been assembled, consider sanding and preserving it with either exterior paint or stain.

- Use a putty knife and apply exterior wood putty to all countersunk holes.
- When putty has dried, use coarse, medium and fine grit sandpaper to smooth and debur all surfaces.
- Wipe all surfaces clean of dust and particles.
- Apply a quality exterior stain and sealer or primer and paint.

Tip: Double-coat all exposed end grain.

Notch Rails

See Fig. 1 on page 2.

Following the measurements of that diagram, use a tape measure and pencil to measure and mark the two notched areas of each of the four rail components.

Use a jig saw to cut out the notches.

Pre-assemble the rail components to make sure they fit together squarely and their top surfaces are even. If not, adjust the cutting of the notches accordingly.

Assemble and Attach Rails

The height at which you mount your table to a 6" x 6" post depends upon how you intend to use it. From ground level to top of table, 42" is a good height for a stand-up table, and 36" is good for a 24" stool (or a 12" difference between the top of the table and the height of a stool).

See Fig. 2 on page 3.

Use a pencil and mark the desired mounting height on the post—then lower it 3/4" in order to allow for the thickness of the table-top slats.

Clamp two rails (with notches facing downward) to opposite sides of the post, centered end-to-end and square to the post. The ends of the rails should extend an equal distance of 8-1/2" away from the outside edges of the post.

Use a carpenter's level to make sure the top surfaces of both rails are level with each other.

Drill pilot holes through the two rails and attach both to the post using four 2-1/2" #8 galvanized all-purpose screws for each rail.

Tip: Drilling pilot holes through the rails allows the screw threads to grip only in the post, not the rail. This allows the screws to draw the rails tightly against the post.

See Fig. 3 on page 3.

Slide the two remaining rails (with notches facing upward and on opposite sides of the post) up into the notches of the two post-mounted rails.

Make sure the top surfaces of all four rails are flush and level with each other.

Clamp the two rails together.

Drill pilot holes through the two rails and attach both rails to the post using four 2-1/2" #8 galvanized all-purpose screws for each rail and post connection.

Assemble and Attach Apron Frame

See Fig. 4 on page 3.

Place and position one 1" x 6" x 22-1/2" apron component flush against the exposed ends of two rails making sure the outside edges of the apron are square with the outside edges of the left- and right-side rails.

Apply exterior wood glue and attach the components using two 2-1/2" #8 galvanized all-purpose screws for each joint.

Repeat the above process and attach the remaining 1" x 6" x 22-1/2" apron to the two opposite rails.

See Fig. 5 on page 3.

Place and position one 1" x 6" x 24" apron component flush against the exposed ends of two other rails. Make sure the outside edges of the apron overlap and are square with the outside edges of the previously-attached aprons and all top surfaces are flush.

Apply exterior wood glue and attach the components using two 2-1/2" #8 galvanized all-purpose screws for each joint.

Repeat the above process and attach the remaining 1" x 6" x 24" apron to the exposed edges of the opposite rails and aprons.

Assemble and Attach Table Top

See Fig. 6 on page 4.

Place and position the table-top components on top of the previously assembled frame following the pattern as shown in the diagram.

Make sure all outside edges of the table top are flush with each other as well as with the frame. If necessary, make any cutting adjustments before attaching the components.

Attach the two 1" x 6" x 9-1/4" table-top center components to the top surfaces of the exposed rails and the apron frame using two 1-1/4" #6 galvanized all-purpose screws on each end.

Attach the two 1" x 3-3/4" x 24" table-top components to the top surfaces of the exposed rails and the apron frame using two 1-1/4" #6 galvanized all-purpose screws on each overlapping surface.

Attach the two remaining 1" x 6" x 24" table-top components to the top surfaces of the exposed rails and the apron frame using two 1-1/4" #6 galvanized all-purpose screws on each overlapping surface.

Attach Trim

See Fig. 7 on page 4.

Place and position one 1" x 2-3/4" x 24" trim component along the side of a 24" length of the assembled table top and apron frame making sure its top surface and outside ends are flush.

Attach the trim to the side of the apron frame using 1-1/4" galvanized all-purpose screws.

Repeat the above process and attach the remaining 1" x 2-3/4" x 24" trim component to the opposite 24" length of the assembled table top and apron frame making sure its top surface and outside ends are flush.

Place and position one 1" x 2-3/4" x 25-1/2" trim component along one of the remaining sides of the assembled table top and apron frame making sure its top surface and outside ends are flush.

Attach the 25-1/2" trim to the exposed ends of the 24" trim and the side of the apron frame using 1-1/4" galvanized all-purpose screws. Repeat the above process and attach the remaining 1" x 2-3/4" x 25-1/2" trim component to the opposite side making sure its top surface and outside ends are flush.

Finish Outdoor Post Table

If applying an exterior paint or stain to the final assembled outdoor post table, refer to Finishing Advice located on page 5.

Clean, odorless, nonstaining and nonirritating, ProWood MCA (micronized copper azole) treated lumber is safe for humans, animals and the environment. The process we use to treat has gained Environmentally Preferable Product (EPP) status as certified by Scientific Certification Systems (SCS), a third-party certification services and standards development company. The preservative in ProWood MCA treated lumber has earned NAHB's Green Approved Product Certification and the GREENGUARD Children & Schools Certification.



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