



8 X 4 GALVANIZED STEEL AND CEDAR RAISED BED INSTRUCTIONS

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FOR PERSONAL USE ONLY

MATERIALS LIST

- 2—8' x 4" x 4" cedar boards
- 3—10' x 2" x 6" cedar boards
- 3—8' corrugated galvanized roof panels
- 3—10' lengths of 1/2" galvanized conduit
- 1—1 1/2" x 10' galvanized roof edge (this is located with gutters)
- 1 pound box—1" self-drill screws with washers
- 1 pound box—3" exterior (deck) screws

TOOLS LIST

- Miter saw
- Short-handled sledge hammer
- Drill
- #2 Phillips drill bit
- 5/16" hex-head nut driver bit
- Ratcheting tube/pipe cutter
- Tin snips (or circular saw with metal cutting blade)
- Tape measure
- Medium grit sandpaper
- Pencil for marking cuts

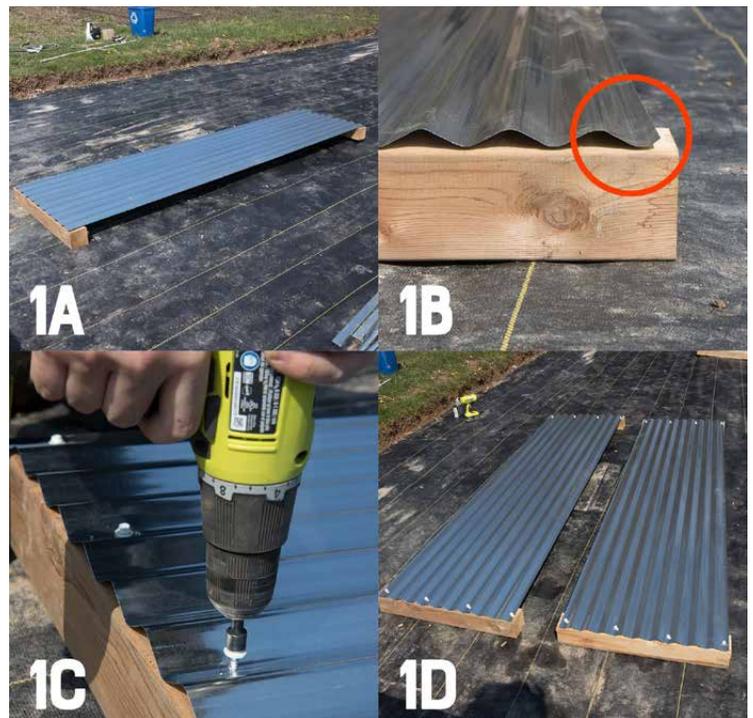
CUT LIST

- 6—26" lengths of cedar 4" x 4" using miter saw
- 2—99 3/4" lengths of cedar 2" x 6" (from TWO 10' boards), ends cut inwards at 45 degrees using miter saw
- 2—51 3/4" lengths of cedar 2" x 6" (from ONE 10' board), ends cut inwards at 45 degrees using miter saw
- 4—26" lengths of roof edge using tin snips
- 8—40" lengths of conduit using tube/pipe cutter
- 1—corrugated roof panel cut in half widthwise using tin snips/circular saw



STEP 1

On a flat surface big enough for a 8' x 4' raised bed, lay down two 26" x 4" x 4" cedar boards parallel to each other roughly 8' apart (photo 1A). Take one 8' corrugated panel, place the panel so that it rests on top of your 4" x 4" pieces at each end, like a bridge—making sure the outside edge of the panels curve upward and the edge of each panel is flush with the edge of the 4" x 4" (photo 1B). Using four of the 1" self-drill screws for each end, screw the panel to the 4" x 4" piece, starting at the top groove of the panel and skipping two grooves for each screw (photo 1C). Repeat this step with your other 8' corrugated panel and two more of the 26" x 4" x 4" pieces (photo 1D).



STEP 2

Have someone assist you by lifting up one of the previously assembled panels and holding it in an upright position (photo 2A). Take one of the half-cut corrugated panels, place it against either end of the assembled 8' panel, creating a 90-degree corner of your bed (photo 2B). Using four more 1" self-drill screws, screw it into the 4" x 4" through the top ridge of the panel, skipping two ridges for each screw, just as previously done (photo 2C). Repeat this step with your other half panel on the other end, creating another corner of your bed (photo 2D).



STEP 3

Have your assistant lift the other 8' assembled panel and hold it in place between the two half panel ends to create the other side of your bed and the other two corners of it (photo 3A). Screw through the half panels and into the 4" x 4" corner supports on the assembled 8' side your assistant is holding (photo 3B). You should now have a four-sided 4' x 8' raised bed. Place your bed as it currently is in the location that you want it to be permanently (photo 3C).



STEP 4

Grab the eight 40" lengths of conduit, tape measure, and sledge, as you will now be anchoring your bed in place. Start by measuring the halfway point on any side (photo 4A). Getting as close to the panel as possible, start hammering in one of the pieces of conduit into the ground at this point to about a 6" depth (photo 4B). Repeat this step on the other three sides and then make sure your bed is still placed the way you want it, as you may have shifted it slightly when you started hammering in the conduit. Adjust as needed. On one of the 8' sides, measure the halfway point between the previously hammered conduit and the end of the bed and hammer another length of conduit here (photo 4C). Do this on both sides of the originally hammered conduit. Repeat on the other 8' side. Hammer all conduit in until the tops are level with the top of your corner 4" x 4" posts (photo 4D).



STEP 5

Take your two remaining 4" x 4" pieces and place these in the middle of each 8' panel on the inside of the bed, for added support of the top rails (photo 5A). Place the 4" x 4" on the inside, just to the left or right of where the conduit is on the outside and screw in using your 1" self-drill screws (photo 5B). Repeat on other side (photo 5C).



STEP 6

To do the top rails, place one of your 99 3/4" x 2" x 6" rail pieces atop the 4" x 4" supports on the 8' side (photo 6A). Make sure the inside edge matches up with the inside corner of the 4" x 4" corner post (photo 6B). Using one to two 3" screws per 4" x 4", fasten the rail into the 4" x 4" (photo 6C). You may run into an issue regarding your conduit sticking up too high. Just lightly hammer the 2" x 6" rail until it is able to rest upon the 4" x 4" supports.



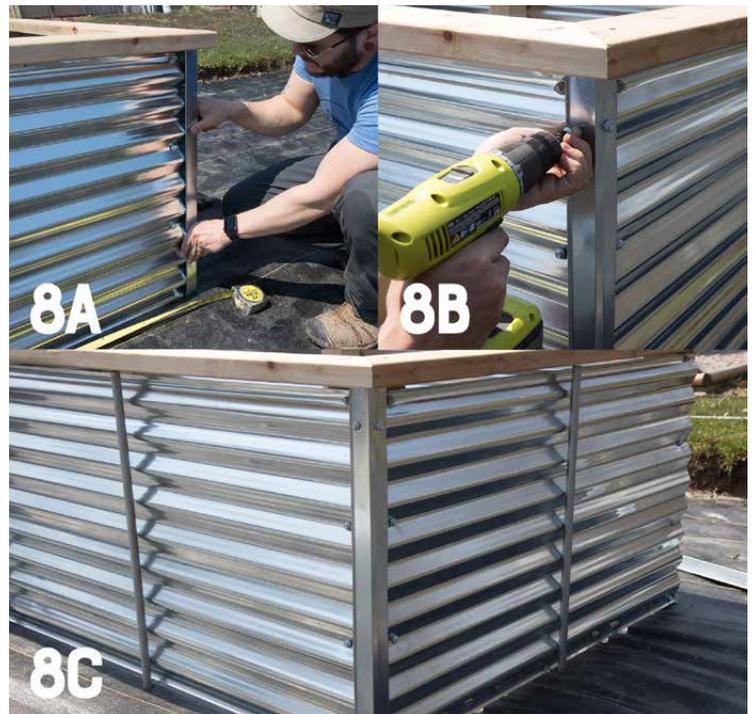
STEP 7

Next, place a 51 3/4" board on one end so it hugs the 45 degree angle of the top rail that was just fastened (photo 7A). Using 3" deck screws, fasten this board to the corner and middle 4" x 4" supports (photo 7B). Then, place both the remaining 99 3/4" top rail and the 51 3/4" top rail at the same time (photo 7C). Wiggle and adjust them so they can fit snugly into the already fastened rails. Once they are flush, fasten them to each corner support and the two middle supports with 3" deck screws (photo 7D).



STEP 8

Attach the galvanized roof edge to each corner to prevent injury from the edges of the sharp roof panels (photo 8A). Each 26" corner piece will require four of the self-drill screws to fasten it, two at the top of each side and two at the bottom of each side into the corners of the bed (photo 8B). Repeat with all four corners (photo 8C).



STEP 9

The finishing touch is to sand down your cedar top rails to ensure that no splinters are going to happen when sitting on your beautiful new cedar/galvanized raised bed (photo 9A). Then fill up your bed with soil, plant, and enjoy (photo 9B)!

