

Hidden-Storage Measurement Sheet

Exact dimensions to maximize your tiny house framing and cabinetry.

Mark up your floor plan with these essential clearances and build dimensions. Always verify these measurements against your actual trailer chassis before cutting wood.

● Essential Build Clearances

4 in

Toe-kick drawers height

Fender + 3 in

Wheel-well window seat clearance

10 in

Drawer treads depth

Cavity depth - 1 in

Stair drawer box length

36 in

Clearance above mattress to ceiling

Min. 2 in

Gap behind fridge under stairs

Ventilate recessed appliances

Passive airflow isn't enough. Install a low-draw 12V computer fan behind the recessed fridge to actively pull hot air out of the stair cavity.



● Drawer Slide Clearances

Find your row: **Hardware type**

Hardware type	Your pick	Why
Undermount soft-close	3/8 inch total	Maximizes usable toe-kick width
Side-mount ball bearing	1/2 inch per side	Standard base cabinets
Center-mount wood	3/4 inch bottom	For lightweight trays

● Building Hidden Storage

- 1 Frame rigid compartments** Construct stacked, interlocking plywood boxes instead of traditional notched stringers to prevent drawer sagging.
- 2 Check weight ratings** Review the manufacturer packaging on your drawer slides to ensure they safely support heavy kitchen gear.
- 3 Secure for travel** Install mechanical push-to-open latches on faces and secondary barrel locks on risers for highway travel days.
- 4 Insulate metal fenders** Wrap exposed metal with closed-cell foam and fit rigid board between studs to prevent hidden mold.

● **Verify On Your Trailer**

- Measure the exact steel wheel well height and tire travel path.
- Confirm the final interior ceiling pitch before framing the loft.
- Verify the precise internal framing width for your base cabinets.
- Check your actual mattress height for accurate sit-up ceiling clearance.

● My Build Notes

Enjoy turning every awkward inch of your tiny house into brilliant, beautiful storage!