500 Sq Ft Clearance Sheet

Map out your small-footprint studio with exact architectural clearances.

Design your ADU confidently using these compact appliance specs and space-saving strategies. Verify these architectural minimums before you frame a single wall.



Clearances & Dimensions

11 ft
Ceiling rises to peak for volume

Min 6 ft
High glass faces house for privacy

9 sq ft
Floor space saved by pocket doors

6-inch
One shared wet wall framing cavity

1/4 inch
Shower floor pitch drop per foot

Verify Before Ordering

Always verify your appliance specifications and confirm all primary walkways maintain a strict 36-inch minimum width before finalizing your custom cabinet orders.

Shared Wet-Wall Sequencing

1. **Frame central cavity** Build a single wall to house the primary 3-inch soil stack.
2. **Position the toilet** Place it directly against the central stack for optimal drainage slope.
3. **Align the sinks** Place the kitchen sink directly behind the bathroom vanity to share one vent.
4. **Route supply lines** Run hot and cold lines vertically to feed both adjacent rooms simultaneously.

Compact Appliance Widths

Find your row: **Appliance Type**

Appliance Type	Your pick	Why
Range + Fridge	24-inch width	Saves linear wall space for prep
Dishwasher	18-inch width	Frees up lower cabinet storage
Range Hood	Matches range	Maintains a seamless visual alignment

Site Checks & Preparations

- [ ] Ensure fixed clerestory glass panels span wide enough for indirect solar gain.
- [ ] Push the wall-side linear drain to the far wall for curbless showers.
- [ ] Position high vents directly opposite lower intake windows for passive cross-ventilation.
- [ ] Extend liquid waterproofing membrane past the bathroom threshold to protect adjacent framing.
- [ ] Wrap waterproofing membrane up the surrounding wall studs to stop moisture migration.
- [ ] Maintain a continuous counter prep zone between the deep sink and stovetop.

Project Notes & Measurements

Enjoy your remarkably generous and incredibly functional new studio space!