Framing Cut List & Guide

Build a rock-solid half wall room divider with custom carpentry details.

Grab the exact measurements and cut list to confidently frame and finish your custom room divider. These professional anchoring and routing techniques guarantee a permanent, wobble-free architectural feature.



Essential Framing Measurements

42 in
Finished height visual break for furniture

37.5 in
Exact cut length for vertical 2x4s

1/2 in
Plywood shear layer thickness

1/4 in
Depth of the routed cap channel

3.5 in (16d)
Framing nails spaced every 12 inches

Pre-drill the base plate

Pre-drilling your anchor holes slightly smaller than the screw threads prevents the old subfloor from splitting when you drive the heavy structural fasteners home.

Build & Finish Sequence

1. **Anchor the base** Apply adhesive and drive heavy anchors through the bottom plate into the subfloor.
2. **Frame the wall** Attach vertical studs to the base and cap with an overlapping double top plate.
3. **Add shear strength** Screw the plywood layer beneath the drywall to physically lock the individual studs together.
4. **Finish the edges** Embed metal corner bead in multiple coats of mud and wrap mitered baseboards.
5. **Mount the cap** Test fit the routed oak board, glue it down, and pin it cleanly.

Choose Your Fasteners

Find your row: **Your material and floor**

Your material and floor	Your pick	Why
Wood floor joists	4-5 in screws every 16 in	Locks base plate to prevent wobble
Concrete slab	3-4 in anchors every 24 in	Secures base permanently to floor
Drywall to frame	1.25-1.625 in screws every 8 in	Attaches panels tightly without popping
Cap & mitered trim	2 in brads every 10 in	Secures decorative oak without splitting

Check Before You Cut

- [ ] Verify furniture back heights against your finished target height.
- [ ] Locate and mark floor joists with a reliable stud finder.
- [ ] Measure finished wall thickness to determine cap channel width.
- [ ] Check fastener packaging for the right load rating for your project.

Project Notes & Measurements

Enjoy your beautifully defined space and the custom feel of your new room divider!