10×12 Reading & Craft Shed

Read at one side, make at the other, and use the open middle to switch between them. This retreat example shows why a comfortable-looking ottoman can still block the approach.

Can you switch activities while a craft project remains out?

Separate the reading seat, the occupied craft position and the arrival route. The added footrest is tested where it is used, rather than where it looks tidy.

What the study shows

Dimensioned layout example

The added ottoman takes a 20×24 in portion of the selected front approach while the chair and craft surface stay fixed. A tidy parked layout therefore does not establish access during use.

The separate reading and craft reservations do not verify a particular seated posture, task or two-person use.

Good for
One person switching between reading and a small dry craft task.

The key trade-off
The open middle connects the two activities; an ottoman can consume that approach.

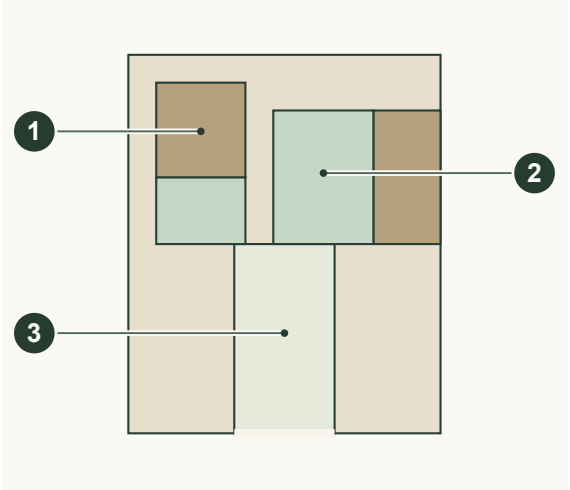
Reference material, not construction plans. Drawings disclose selected assumptions; they do not establish structural design, permit approval or species capacity.

Two activity areas

Switch activities

Ottoman conflict

Reserve an approach to the chair and a place to work



Furniture is only part of the floor. 112×136 in usable floor; 36 in selected clear entry.

The chair and craft surface need different working positions.

1. Reading position

The 32×34-inch chair has a separate 32×24-inch approach. Include your legs and any footrest when testing the actual position.

2. Craft working area

The side surface is 24×48 inches; the selected working reservation beside it is 36×48 inches. The seat and materials need a real-use check.

3. Middle approach

The selected 36-inch-wide front approach reaches both tasks. Empty floor elsewhere does not compensate for a blocked route here.

> **Try this with your own measurements**
>
> Measure the chair in use and the space needed for your specific craft task, including a stool if used.

Enter through the middle, then turn toward the task

Change from reading to making

01

Arrive through the middle

Enter before turning toward the reading chair or craft surface.

02

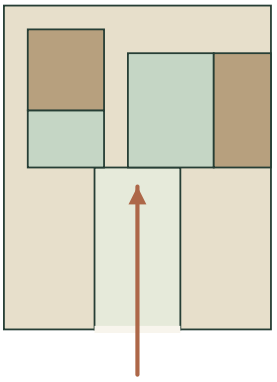
Use one activity area

Try the chair in its occupied position or the craft seat with the actual project on the surface.

03

Reset before switching

Put loose supplies away and move comfort items out of the approach before changing tasks.



Walk through the actual task. Enter through the open middle, then turn toward the reading chair or the side craft surface. Return loose supplies before switching tasks.

Use the middle to arrive, then turn toward the activity.

Choose a task

The front approach leads to either the reading position or the side craft surface.

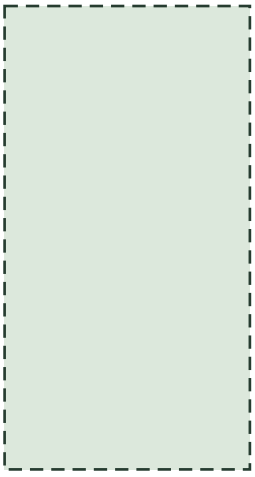
Reset before switching

Return loose supplies before changing activities. The study does not establish two-person simultaneous use.

> **Try this with your own measurements**
>
> Try switching tasks while a real craft project remains on the work surface.

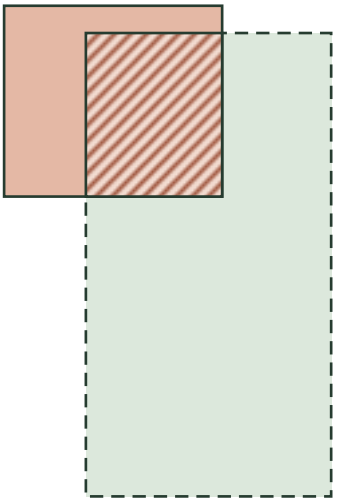
A footrest can occupy the route into the room

Front approach kept clear



The dashed front approach reaches toward the chair. There is no footrest projecting into this reservation.

Ottoman enters the approach



The added ottoman enters the front approach. Hatching isolates the shared area, rather than marking the entire ottoman as a collision.

Read the marks. Dashed area: selected 36×68 in front approach. Added tan/pink rectangle: 32×28 in ottoman. Hatching: shared floor with the approach. Surrounding floor is omitted.

20 × 24 in = 480 sq in of overlap. The furniture stays fixed; the added ottoman changes access.

> **Try this with your own measurements**
>
> Test the ottoman where your feet actually need it, then walk past it into the room.

Study notes & exact inputs

Reserve an approach to the chair and a place to work

Original diagram. Authored reference; inches unless marked unknown.

Reading chair: 32×34 in at (10,92); Craft surface: 24×48 in at (88,68). Coordinates start at the front-left corner; x runs right and y runs toward the rear.

The left chair approach is 32×24 in and the right working reservation is 36×48 in. Their 10 in separation is unused floor, not a proposed circulation aisle. The front approach ends where the task reservations begin.

Reading side. The 32×34-inch chair has a separate 32×24-inch approach in front.

Craft side. The 24×48-inch surface has a 36×48-inch working reservation. The 10-inch gap between reservations is unused floor, not a proposed aisle.

Enter through the middle, then turn toward the task

Original diagram. Authored reference; inches unless marked unknown.

Enter through the open middle, then turn toward the reading chair or the side craft surface. Return loose supplies before switching tasks.

The green route is a selected straight approach. Door operation, turns, reach and furniture movement still need a physical mock-up with your own measurements. No doorway height or outdoor approach is inferred.

A footrest can occupy the route into the room

The ottoman intrudes 20 inches across the selected entry approach.

Dashed area: selected 36×68 in front approach. Added tan/pink rectangle: 32×28 in ottoman. Hatching: shared floor with the approach. Surrounding floor is omitted.

An ottoman of 32×28 in at (26,44) overlaps the chosen front approach by 20×24 in, or 480 square inches. Test the occupied footrest position as well as its stored position; omitting it is the baseline here.

Keep the original floor, entry and task reservation fixed when comparing alternatives. Change one input at a time so the benefit or loss remains visible.

Only one object is added. The 32×28-inch ottoman overlaps a 20×24-inch portion of the front approach.

A comfort item changes access. The rest of the furniture stays fixed. Unused floor elsewhere does not remove this local conflict.

Keep the approach usable while the room is in use

Use the drawings as a starting point. Record the result of each check before carrying this arrangement into your own plan.

1. Place the footrest where feet need it

The 32×28 in ottoman overlaps 20×24 = 480 sq in of the selected approach. See the drawing

Measure or try

Sit in the actual chair, position the footrest for use and walk past it into the room.

Change the arrangement if…

If the used position blocks the trip, change the seating arrangement or accept putting it away before passing.

2. Leave a craft project out

The central approach serves both activities; the drawing does not model loose materials extending into it. See the drawing

Measure or try

Keep a representative project on the work surface and switch between the craft and reading positions.

Change the arrangement if…

If that switch requires clearing the route every time, add a real supply location or change the activity arrangement.

3. Measure the occupied craft position

The 24×48 in surface has a 36×48 in working reservation; the 10 in gap elsewhere is not a proposed aisle. See the drawing

Measure or try

Include the stool or chair, legs and the movement needed for the actual craft.

Change the arrangement if…

If those extend beyond the reservation, change the furniture locations and retest the front approach.

Check both occupied positions

Reading position

Include the chair, your legs and any footrest where it is actually used.

Craft position

Record the seat pulled out, open storage and the materials in use.

Switching route

Try moving between tasks while an unfinished project remains on the surface.

Where this reference fits

- One person switching between reading and a small dry craft task.
- Keeping unfinished work on a side surface while preserving an entry path.

Trade-offs

- The two tasks have separate reservations, but this does not establish simultaneous two-person use.
- A central coffee table or ottoman changes the approach even when there is unused floor near the rear wall.

Still to assess

- Measure the finished usable floor, clear doorway, door swing and ceiling height; nominal size does not supply these.
- Confirm local use, services, heating/cooling, ventilation and moisture strategy before converting or ordering a shed.
- Verify furniture operation and actual human movement on site; these reservations are not accessibility or ergonomic approvals.
- Floor capacity, structure, foundations, electrical installation and overnight accommodation are outside this study.

Appearance & material choices

A small retreat that has two clear activities: reading at the rear left and making at the right-hand surface. The open middle is part of the design, not an invitation to fill every gap.

Switch tasks deliberately

This reference is for one person moving between reading and a dry craft task. Put loose supplies away before changing positions. A second person, wet craft process or overnight use changes the brief and is not evaluated here.

Save a real working area

The stool in the concept tucks under the surface for the picture. The diagram separately reserves space for working there. Compare your actual seat and posture, open drawers and materials in use; the photographed furniture is not a product specification.

Use color without losing the task

Dusty-blue exterior boards and pale trim give the room a garden character. The restrained interior leaves the chair and craft surface easy to read. Choose actual finish samples in the intended light before selecting products.

Add comfort items one at a time

The baseline includes neither a floor lamp nor an ottoman. The diagram shows how an ottoman can consume the entry approach. Lighting, storage baskets and other additions need their own location and operating space.

Declared facts & assumptions

Nominal exterior class only. All clear dimensions below are authored example inputs, not a product specification.

Usable width: 112 in

planning assumption · Independent authored interior input; not calculated from the nominal shell. [editorial]

Usable depth: 136 in

planning assumption · Independent authored interior input; not a wall-assembly result. [editorial]

Selected clear entry: 36 in

planning assumption · Illustrative planning input; not a minimum requirement. [editorial]

Task reservation width: 36 in

planning assumption · Selected test area; replace with actual movement measurements. [editorial]

Task reservation depth: 48 in

planning assumption · Selected test area; not ergonomic approval. [editorial]

Sources & current resource status

Original assumptions and diagram manifest

ShedBuildPlans · US reference; confirm local conditions · Checked 2026-10-07

Defines this study’s authored geometry and questions; not built-project evidence.

/project-resources/2026-10-07-occupied-v1/editorial-manifest.json