

Deep Olive Alcove Shelving Beside a Wood-Burning Stove

PROJECT CARD | Practical prototype reference for planning, making, and styling a stove-side alcove built-in.

**PROTOTYPE / DESIGN
REFERENCE ONLY**

The 48 x 16 x 96 in envelope is a retained design basis, not a site-verified installation size.

At a glance

FIELD	PROJECT BASIS
Best for	Homeowners, DIY readers, decorators, contractors, and design-office readers planning an alcove built-in beside a wood-burning stove.
Project summary	A deep olive painted alcove with open shelves, a lower Shaker-style cabinet zone, aged brass hardware, and restrained earthy styling.
Skill level	Advanced DIY or contractor-led. Confirm suitability for the actual site, stove, wall construction, and local requirements.
Estimated time	Not specified in the approved record. Allow separate sessions for site checks, measuring, fabrication, finishing, installation review, and styling.
Working envelope	48 in W x 16 in D x 96 in H (1219 x 406 x 2438 mm), prototype basis only. Shelf depth is 14 in (356 mm); confirm all site dimensions.

Main materials and finish

ITEM	SUPPORTED SPECIFICATION
Carcass and shelves	18 mm / 3/4 in class plywood or MDF; final sheet choice and quantities verify before purchase.
Backing	1/4 in MDF beadboard backing panel; confirm substrate, trim, and fixing method on site.
Paint	Benjamin Moore Advance Satin, Tate Olive HC-112; verify local availability and final finish choice before purchase.
Lower storage	Shaker-style cabinet doors; final door, hinge, and access details confirm on site.
Hardware	Liberty Sundial antique brass knobs; two are shown in the prototype. Verify dimensions, finish, and door compatibility before purchase.
Styling palette	Matte stoneware jugs, dried botanical prints, books, and a blue-green glass demijohn. A French bergère chair and linen-shade lamp are optional room cues, not required construction items.

Tools

Measuring and leveling tools; cutting and assembly tools; sanding tools; and painting tools. The exact tool list depends on the selected construction method and site. Verify before purchase.

Plan, build, finish, then check

Use this sequence as a compact companion to the full article. The drawings and model support planning; they do not replace field verification.

Before you start

- Inspect the stove, flue, surrounding wall, floor, trim, access, and any services before fixing dimensions.
- Measure the alcove at several heights and record the actual opening, depth, plumb, level, substrate, and obstructions.
- Use the stove manual, local code, and qualified advice to establish required clearances and access for operation, inspection, cleaning, and maintenance.
- Treat the project envelope, material quantities, anchoring, wiring, and final product availability as items to confirm on site or verify before purchase.

Build sequence

1	Review the idea	Use the deep olive, Shaker, aged brass, stoneware, botanical, and blue-green glass palette to set the visual direction.
2	Check the site	Review stove-side conditions, clearances, access, services, and the existing alcove before committing to a build.
3	Measure and adapt	Measure the real alcove at multiple heights. Treat 48 x 16 x 96 in as the prototype envelope only.
4	Plan the parts	Use the DXF drawing, dimensioned drawing PDF, STEP model, and 3D model review PDF to coordinate proportions and components.
5	Prepare and dry-assemble	Prepare the carcass, shelves, backing, lower doors, and trim; dry-assemble and revise parts before finishing if the measured space differs.
6	Finish and fit hardware	Paint the built-in deep olive, allow the finish to become ready to handle, then fit the aged brass knobs.
7	Install and review	Set the built-in in place, check level and fit, and review stove and flue clearances again before styling.
8	Style and maintain	Arrange stoneware, botanical art, books, and glass with breathing room. Keep access zones clear and adapt styling to the final alcove.

Project files

REFERENCE	READER-FACING DESCRIPTION
2D drawing set	Editable DXF drawing set and dimensioned drawing PDF.
3D model package	STEP model source and 3D model review PDF.
Use boundary	These are prototype/design references. They are not a site-verified installation approval or a substitute for field measurements and professional safety review.

Shopping notes

- Verify sheet goods, backing, trim, doors, hinges, fasteners, paint, and hardware quantities after the real alcove is measured.
- Verify the paint variant, hardware dimensions, finish, availability, and compatibility before purchase.
- Do not purchase around an assumed stove clearance, substrate, anchor, flue, or electrical condition; confirm those on site.

Safety and site notes

- Follow the stove manufacturer's manual and applicable local code for clearances from combustible materials, flue access, operation, inspection, cleaning, and maintenance.
- The drawings and model demonstrate a coordinated prototype geometry, not tactile access, friction, durability, wet stability, structural adequacy, or actual-site performance.
- Do not use decorative objects, paint, or styling to conceal unresolved installation or safety questions.

Use this card as

A quick project reference before reading the article, a measurement and shopping checklist after site review, or a concise brief for a contractor or design office. It is not a permit, engineering package, or safety approval.