BritCraft
British Craftsmanship.
American Built.

Company Mission and SOP Guide.

Contractor Version.

INTRODUCTION AND PURPOSE

This document has been prepared to clearly present the range of finish carpentry practices and additional services we employ. Our approach to finish carpentry not only adheres to the industry's standard operating procedures but elevates them through enhanced methods focused on durability, precision, and long-term client satisfaction. While we execute all conventional finish carpentry tasks, we do so with non-typical practices designed to safeguard the longevity of the work and minimize the potential for warranty claims. These distinctions are intended to inform and assist general contractors in planning, budgeting, and scheduling projects with a deeper understanding of the value we bring to each scope of work.

COMMITMENT TO CLEANLINESS AND SITE PROTECTION

At BritCraft, maintaining a clean, safe, and respectful job site is fundamental to our operations. We recognize the importance of protecting the client's home and delivering a professional experience for both the contractor and the homeowner.

DUST CONTROL MEASURES:

- All high-dust tools, including miter saws and table saws, are connected to dedicated dust collection units and hooded canopies where applicable.
- Track saws, routers, and portable sanders are paired with direct vacuum extraction.
- Commercial-grade air scrubbers equipped with HEPA filtration are employed on-site to mitigate fine airborne particulates throughout the project duration.

SURFACE PROTECTION MEASURES:

- Heavy-duty rubber floor mats are laid out in high-traffic work areas, including around cut stations and workbenches.
- Portable cushioned mats are placed at active workstations to protect finished flooring and delicate surfaces.
- Optional full-floor and vertical surface protection is available and can be installed upon request to meet site-specific protection plans.

ADVANCED PRACTICES AND JOINERY TECHNIQUES

ESTABLISHING DATUM POINTS FOR PROJECT-WIDE ACCURACY

To ensure alignment and continuity across all finished elements, a fixed datum point is established early in the project. This reference line often set at a consistent elevation from finished floor level is critical for guiding the accurate placement of door head heights, window head casings, and other horizontal elements.

INTERIOR DOORS AND CASING

Pre-hung doors are installed using the jamb-master jig. The Jamb-master door installation system is a precision alignment jig designed to elevate the quality, speed, and consistency of pre-hung door installations. This tool is particularly effective in overcoming common framing imperfections–such as out-of-plumb walls, bowed studs, or inconsistent rough openings–that often compromise final door performance and appearance.

- The Jamb-master ensures that door jambs are installed plumb, level, and square–every time. By setting shims through the jig's guides and trimming them flush with a router, this system eliminates guesswork and prevents future issues like sticking doors, uneven reveals, or latch misalignment.
- Clean, even margins around the door are not only more attractive but essential for smooth function. The Jamb-master guarantees uniform reveals across every installation, regardless of framing irregularities.
- The precision of this system results in a tighter, cleaner fit, reducing the need for excessive caulking or filler. This leads to a more refined appearance, especially important for painted or high-end trim packages.
- Doors installed with the Jamb-master are less prone to seasonal movement, sagging, or shifting. This long-term reliability reduces warranty claims and reinforces your reputation for craftsmanship.
- While quality is paramount, this system also speeds up installation time–allowing a skilled carpenter to achieve top-tier results with fewer errors and less site adjustment. It supports a production mindset without sacrificing precision.
- Casings are pre-assembled whenever possible, using floating Domino tenons for alignment and strength. Joints are clamped using miter clamps to ensure tight, clean seams.
- Seams are sanded at 120girt.
- Casings wider than 4 inches may also be reinforced with cabinet-grade pocket-hole screws and discreetly placed trim screws.
- Back bands are assembled using miter clamps and secured with trim screws.
- All joints are bonded with Titebond III for its superior strength, water resistance, and extended open time, ensuring durable, long-lasting assemblies.
- All hardware will be wrapped and protected during and after install.

EXTERIOR OPENINGS

The preparation and installation of jamb extensions and casings at exterior openings follow the same quality-driven approach as interior assemblies, with additional steps taken to accommodate exposure and finishing requirements.

- All jamb extension stock is resurfaced using an on-site jointer to remove any saw-kerf marks or inconsistencies, ensuring a clean, uniform surface for finishing.
- Any exposed edges are eased with a 1/16" round-over router bit to soften transitions and prevent chipping, improving both durability and appearance.
- Where compatible with the window or door frame, jamb extensions are secured using cabinet-grade pocket-hole screws, providing a strong mechanical bond while keeping fasteners concealed.
- Window stools and aprons are pre-assembled on site using a combination of floating tenons for structural alignment and pocket-hole screws for secure fastening. This method ensures square, flush joints and reduces time required for in-place assembly.
- All exposed joints are sanded to 120-grit for a smooth, painter-ready surface, significantly reducing preparation time for the painting subcontractor.
- All joints, whether in jamb extensions, stools, or aprons–are assembled using Titebond III.

Wall Paneling

- Wall paneling is assembled on-site in complete sections for improved consistency, faster installation, and a seamless finish.
- Cabinet-grade pocket holes, floating tenons, and miter lock joints are used for strong, precise assembly.
- Miter lock joints are used at outside corners to create interlocking profiles that enhance strength and alignment while minimizing visible seams.
- This method prevents corner joints from opening over time, unlike traditional miters.
- At internal corners near 90°, a shallow dado can be milled into the receiving panel to function as a scribed joint, reducing the risk of gapping from seasonal movement.
- When installing an integrated cap rail. A receiving dado will be milled into the panel to prevent separation.
- All interior applied moldings to be coped at internal corners and mitered at externals.

Crown Molding

- Molding to be installed parallel to floor joists – blocking will be installed and secured to wall framing.
- Construction adhesive applied to edges to prevent separation from ceiling.
- Areas where significant gaps or unlevel surfaces are present, additional drywall compound should be applied after crown molding installation.
- Scarf joints to be re-enforced with splines or backing board.
- All internal joints to be copped.
- All external joints to be mitered and re-enforced with poly-urethane hot-glue if preassembling is possible.

Base Boards

- All SOP to be followed for the install of baseboards and shoe molding.
- Baseboards scribed to the floor will be done so with no more than 1/32nd inch of a gap.
- Scarf joints to be reenforced with floating tenons.

Supplementary Services

CAD and 3D Modeling

Additional CAD and 3D modeling services can be provided to help communicate ideas to other trade partners or owners.

- Traditional CAD drawings can be technical and abstract for clients to interpret.
- With full 3D modeling, clients receive a true-to-scale visual of built-in cabinetry, wall paneling, trim layouts, and room transformations from multiple angles.
- Drawings include dimensional call-outs and component breakdowns suitable for off-site fabrication.
- These models can be shared directly with millwork shops or CNC operators for cutting, joinery, and assembly–eliminating miscommunication and expediting turnaround times.

Skim Coating/ Level 5 Dry-Wall Finishing

In areas designated to receive a high-gloss paint finish, BritCraft employs a specialized finishing system that combines a proprietary compound add-mix with a high-PSI topping compound to achieve a plaster-like surface. This method is also recommended for long, continuous interior walls or surfaces subject to raking light conditions, where standard joint compound applications may result in visible flashing or uneven sheen.

To ensure superior results, dustless vacuum-assisted sanders and wide, shallow-angle smoothing blades are utilized throughout the process. This approach not only enhances the visual uniformity and reflectivity of the surface but also increases overall durability, making it well-suited for high-traffic areas where resistance to abrasion and long-term wear is essential.