

FOR THE DISTINCTIVE BEAUTY OF FINE CRAFTSMANSHIP.

by Brainerd Hardwoods



No material surpasses the natural beauty and distinctive character of wood. The warmth, grace and strength of solid wood makes it nature's perfect material for fine furniture, cabinetry and interior doors of remarkable appeal and durability. Our solid-wood doors will help you express your own unique sense of style and showcase your home's distinctive personality.

Whether it's the traditional, refined look of a raised panel design, or the simpler, linear impressions of Mission or Shaker styles, a crafted solid-wood door from Lake Country Custom Doors not only makes a statement and provides for years of enjoyment, but also offers an excellent investment in your home and a source of lasting pride.

Choose Lake Country Custom Doors. You'll be glad you did.

ONTENTS

..... STILE AND RAIL CONSTRUCTION

3..... STICKING AND PANEL OPTIONS

5..... PANEL DOOR STYLES

6..... PANEL DOOR LAYOUTS

7..... FRENCH DOOR LAYOUTS

8..... DOOR SPECIFICATIONS

9..... WARRANTY & HANDLING INSTRUCTIONS

10 ... OTHER FINE MILLWORK

STILE AND RAIL CONSTRUCTION

ince Colonial times, stile and rail construction has been the standard for distinctive doors and furniture. This process involves the assembling of distinct matching components - vertical stiles, horizontal rails and wood panels or glass, to create an individual door. By modifying component sizes and shapes, stile and rail construction offers a limitless variety of door options, both in lay-out and style, resulting in doors of proven structural integrity.

LAKE COUNTRY CUSTOM DOORS

Building upon the time-honored methods of stile and rail construction, Lake Country Custom Doors has raised the standard of excellence.

FINEST SELECT WOOD:

The beauty of a door begins with the selection of materials. Lake Country Doors uses the finest hardwoods and softwoods available and carefully selects each piece for its own natural beauty. The great appeal of wood is that each species has its own distinctive character and that no two pieces look exactly alike. Grain patterns and varying color add texture, warmth and personality.

TRUE MORTISE AND TENNON JOINTS:

The simple, yet elegant, mortise and tennon joint has been the standard of strength for ages. The tongue on the rail is inserted and glued into the slot in the stile, providing a tight, stable joint and doors of exceptional durability.

SOLID RAISED PANELS:

Our raised panels are made from solid wood. This allows for the continuation of grain patterns from panel face through the machined edges. Solid panels do not have the potential for peeling and bubbling as do panels made of composite materials. There is no thin veneer to nick and penetrate. Solid panels allow for crisp cuts and lines rather than the smooth indistinct edging of veneered or molded panels. The result is exceptional architectural detail - depth and definition.



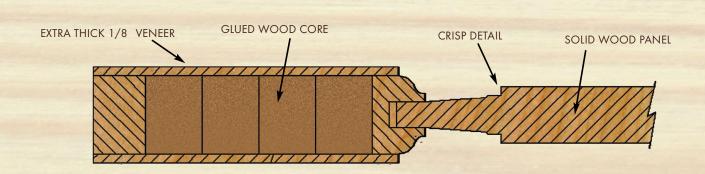
Our stiles and rails are made of glued solid wood cores covered with full 1/8 veneer, rather than thin 1/16 veneer that is commonly used on lesser doors. The wood cores provide for structural strength and reduced warp and twist, while the thicker veneers resist wear and tear and will not peel or bubble as will thinner material.

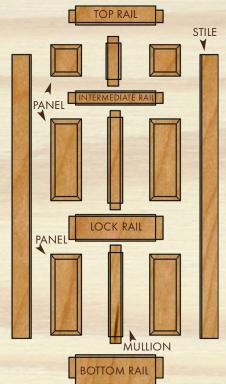
SOLID JAMBS:

Our jambs are made from solid wood rather than veneered composites. Solid Jambs hold hinge screws much more securely.

FULL RANGE OF PANELS AND STICKING OPTIONS:

With a vast library of tools and knives, Lake Country Doors has the ability to fulfill nearly any design concept. Give us the opportunity to help you reach your own unique vision for your home.



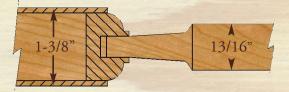


STICKING & PANEL OPTIONS

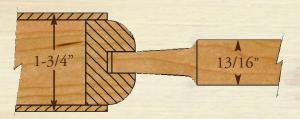
n interior door is much more than a means for privacy or passage. It is the equivalent of a piece of fine handcrafted furniture, enhancing the warmth and beauty of a home and establishing a style concept. Whether it is the formality and elegance of a Colonial Style . . .

RAISED PANEL OPTIONS

STANDARD HIP: A traditional refined look.

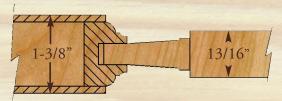


Ovolo Sticking with Standard Raised Panel

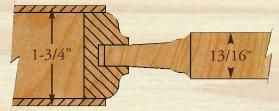


Quarter Round Sticking with Single Hip Panel

DOUBLE HIP: Additional detail creates a more formal appearance.

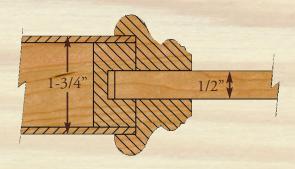


Bead and Cove Sticking with Double Hip Panel

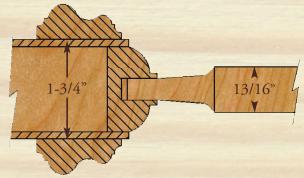


Ogee Sticking with Bevel Double Hip Panel

APPLIED MOULDING: Intricate moulding detail provides a striking elegance.



Applied Panel Sticking with Flat Panel



Applied Panel Mould with Single Hip Panel



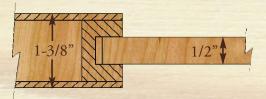
I choose Lake Country Doors for the homes I build on Lake Minnetonka because you can truly see the quality in their craftsmanship. They are excellent.

- Dan Hessburg, Owner Hessburg Development

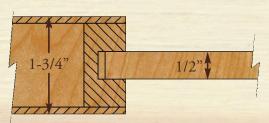
. . . or the simpler linear look of a Mission Style, Lake County Doors enables you to reflect your own personal taste throughout your home.

FLAT PANEL OPTIONS

SHAKER: A clean, crisp look from a simpler time.

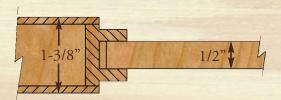


Shaker Sticking with Flat Panel

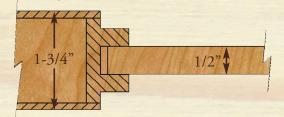


Shaker Sticking with Flat Panel

MISSION: Additional detail consistent with an Arts & Crafts style.

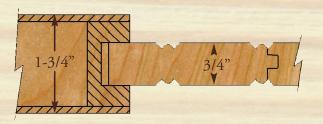


Mission Sticking with Flat Panel



Mission Sticking with Flat Panel

T & G PLANK: With a more rustic look, this is perfect for a cabin or family room.



Plank Door Sticking with Bead



Plank Door Sticking with V-Groove

PANEL DOOR STYLES-

PANEL DOOR STYLES

hether your goal is the look of traditional elegance, or a more modern feel, Lake Country Doors can enable you to find the ultimate style.





CATHEDRAL PANELS



CURVED PANELS



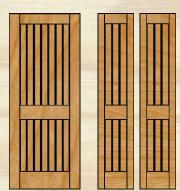
ARCHED TOPS



ARCHED PANELS



T & G PLANK



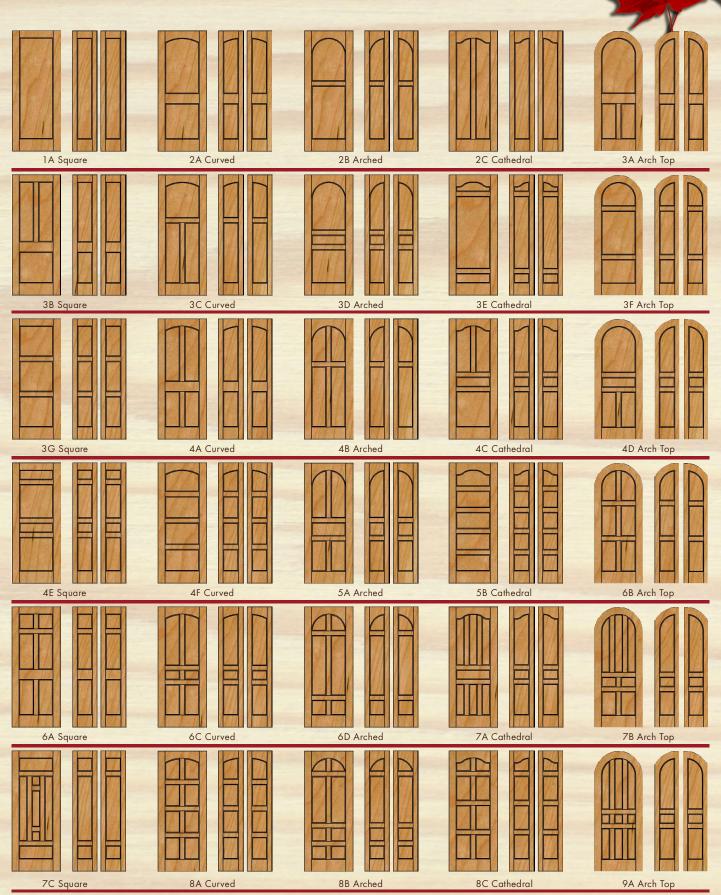
Over many years, and for numerous projects, NOR-SON, Inc., a design/build construction company, has been pleased to use Lake Country Custom Doors from Brainerd Hardwoods for our most demanding customers. We can always be confident in their quality, workmanship and attention to detail.

- Brooke Silvernail NOR-SON, Inc. President of Architecture



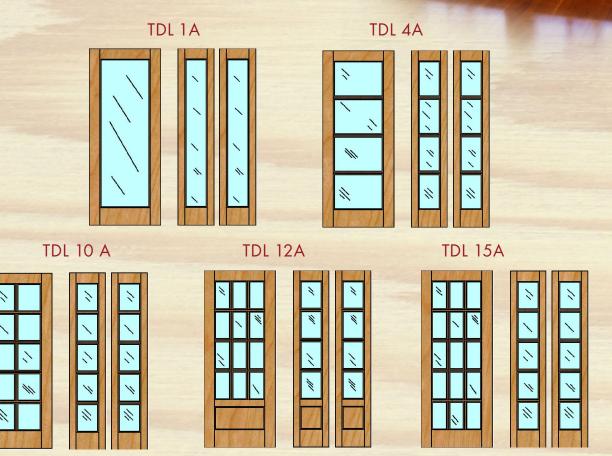
ALL STYLES AVAILABLE IN ALL LAYOUTS

PANEL DOOR LAYOUTS



FRENCH DOOR LAYOUTS

dd the clarity and luminescence of glass to your home. All French doors are made with True Divided Lite Construction for the distinctive look of a classic style.



AVAILABLE WITH MATCHING SIDELIGHTS & TRANSOMS. BASIC LAYOUTS SHOWN, MANY MORE AVAILABLE.

French door designs come with clear glass or more decorative specialty options - beveled, frosted, glue chip, and many more.



DOOR SPECIFICATIONS

ake Country Doors can be produced in a wide variety of dimensions including monumental sizes.

				-
	INTERIOR		FRENCH	EXTERIOR
	DOORS	BI-FOLDS	DOORS	DOORS
DOOR THICKNESS	1-3/8 , 1-3/4	1-3/8 , 1-3/4	1-3/8 , 1-3/4	1-3/4 , 2-1/4
FACE MEASUREMENTS ^a				
STILES	4-3/4	3	4-3/4	6
TOP RAIL	4-3/4	4-3/4	4-3/4	6
LOCK RAIL	6-1/2	6-1/2		6-1/2
BOTTOM RAIL	8	8	8	8
MULLIONS & INTERMEDIATE RAIL	3	3		3
MUNTINS			2-1/8	
PANEL THICKNESS	Raised = 13/16	Raised = 13/16	Raised = 13/16	1-1/16 , 1-3/4
	Flat = 1/2	Flat = 1/2	Flat = 1/2	Flat = 3/4 , 1
STANDARD HEIGHTS ^b	6'8 , 7'0 , 7'6 , 8'0	6'7 ,6'11 ,7'5 ,7'11	6'8 ,7'0 ,7'6 ,8'0	6'8 ,7'0 , 7'6 ,8'0
standard widths ^b	1′0 , 1′2 , 1′3 , 1′4 , 1′6	2′0 , 2′6 , 2′8 , 3′0	1′6 , 1′8 , 1′10 , 2′0	2'6 , 2'8 , 2'10 , 3'0
	1'8 , 1'10 , 2'0 , 2'2 , 2'4		2'2 , 2'4 , 2'6 , 2'8	3'2 , 3'4 , 3'6
	2'6 , 2'8 , 2'10 , 3'0		2′10 , 3′0	

NOTES:

- a) Dimension is to edge of sticking.
- b) Custom dimensions readily available.
- Dimensions are subject to engineering changes and product upgrades.



"As creators of distinctive residential architecture, TEA2 recognizes the impact of the custom doors we design on a project. Lake Country Doors provides our projects with beautiful, quality custom doors at a reasonable price. They ask questions and work with us to make sure the doors are what we envision. We have been very pleased with the results."

- Charlie Witzke TEA2 Architects

WARRANTY & HANDLING INSTRUCTIONS

CARE & FINISHING INSTRUCTIONS

Because Lake Country Custom Doors are handcrafted from the finest materials, they should be treated as one would a piece of quality furniture. The following instructions will help you protect your investment.

STORAGE & HANDLING:

- 1. Deliver doors in a clean truck and under cover.
- 2. Do not deliver or install doors until foundations, concrete floors and plaster or texture walls are completely dry.
- 3. Allow doors time to acclimate to the conditions at the job site prior to installation.
- 4. Never subject doors to excessive moisture, heat, dryness or direct sunlight.
- 5. Store doors lying flat on a flat level surface above the ground in clean, dry building and keep covered. Do not stack doors on end.
- 6. If doors are to be stored for a period, the entire door, including top and bottom edges, must be sealed with a non-water based sealer to prevent moisture absorption. All six sides of the door must be properly sealed for warranty to apply.
- 7. To keep doors protected, use clean gloves and equipment.
- 8. Carry, do not drag doors across each other or any other surface.

FITTING & HANDLING:

- 1. When hanging a door, allow adequate clearance for swelling of door or frame in damp weather.
- 2. Use designated sizes to avoid cutting door width. For trimming ends, use caution and a sharp fine-tooth saw.
- 3. Be careful not to impair structural strength of door when fitting for hardware. Set hinges in a straight line, using 3 hinges on doors up to 7' and 4 hinges on doors over 7' high. Jambs and stops must be square and plumb.
- 4. After fitting or cutting and prior to hanging, seal all surfaces and edges with paint, varnish or quality sealer to prevent moisture absorption.
- 5. After hanging, anchor jamb to stud with one long screw at each hinge.

DOOR FINISHING GUIDE: (Follow instructions to protect warranty)

- 1. Inspect each door carefully for defects before finishing.
- 2. Make certain that doors are dry. Adjust or align components, if necessary.
- 3. The door should be finished while lying flat for maximum performance of finish.
- 4. Sand entire door with 180 grit sandpaper. Be sure to sand with, not against grain.
- 5. Remove all dust or foreign material with a tack cloth before applying finish. Do not use caustic or abrasive cleaners.
- 6. Apply finish as soon as door is fitted, but before final hanging.
- 7. Make sure all surfaces are sealed and finished, including the top, bottom and side edges of the stiles and rails.
- 8. For natural finishes, apply a stain and sealer combination as recommended by the stain manufacturer for the type of application (either exterior or interior). Use a quality stain followed by three coats of clear topcoat, such as varnish or polyurethane.
- 9. Sand lightly between all coats.
- Make sure that all coatings in the finish system are compatible by using products from the same manufacturer.
 Finish manufacturers will be able to tell you which of their products may be successfully applied in combination with each other.

MAINTENANCE:

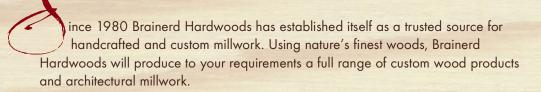
- 1. All finish will last longer when protected from direct sun and rain by an adequate overhang or porch.
- 2. If the door is exposed to the elements, a fine bead of silicone caulk should be used between glass and sticking or panel and sticking on the door's exterior.
- 3. All finishes should be checked periodically throughout the year to see if they need refinishing.

WARRANTY:

All Lake Country stile and rail doors are produced to conform to the Architectural Woodwork Institute Quality Standards and are warranted to be free from defects in material or workmanship for a period of one year from date of shipment to Lake Country's customer. Further warranty information regarding specific terms, limitations and exclusions is available at www.brainerdhardwoods.com.

Ether Fine Nillwork

BY BRAINERD HARDWOODS



An extensive inventory of both hardwood and softwood species offers Brainerd Hardwoods the flexibility to provide you with top quality wood products in a timely fashion.

We are eager to share our commitment to provide real value to you through craftsmanship and service. We look forward to helping you add the beauty of wood to your home.



Satisfy all of your Trim needs with our full library of profiles and species selection. Count on us for the finest material and workmanship.

RADIUS PROFILES AND RAILINGS

From Arched Casings to sweeping Crowns and Hand Rails, we will build to your requirements.

CUSTOM FABRICATION

Give us your custom designs and ideas and we'll take it from there. Our full custom capabilities are at your service.

Visit us online to see Many More selections of Quality Millwork available.

WWW.BRAINERDHARDWOODS.COM

