

The background is a solid teal color with a pattern of faint, light-colored line-art icons. These icons include various architectural elements like floor plans, elevations, and sections, as well as tools such as a pencil, a pen nib, a compass, a hammer, and a saw. The icons are scattered across the page, creating a technical and creative atmosphere.

# Queensland Architecture in Miniature 2023

SLQ Wiki Fabrication Lab 2024/07/27 05:19

# Queensland Architecture in Miniature 2023

~~HERO-SUBTITLE Laser-cut book nooks, miniatures and other delights! ~~



## Queensland Architecture in Miniature

Developed by Michelle Brown, 2023



- Prototype developed by Billie Reuben 2021
- 2022 development and delivery by Michelle Brown and Rozina Suliman
- 2023 development and delivery by Michelle Brown

## Workshop presentation

The Queensland Architecture in Miniature workshop has been created into a slide show for presentation and documentation purposes. Please feel free to download and use the guide and files as per our CC license in the footnote.

Some pages may link to other online workshops, tutorials or guides created at The Edge, you may require internet to connect and view links.

[Public view - Slides](#)

[Admin view - Slides](#)

# Design File Templates

## Basic nook with archway design



[Our nook dimensions file -](#)

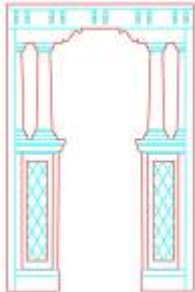
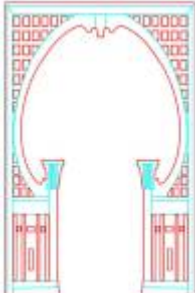
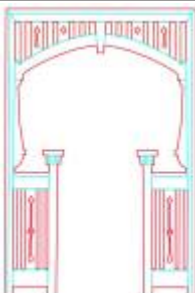
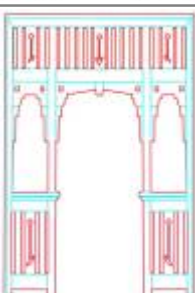
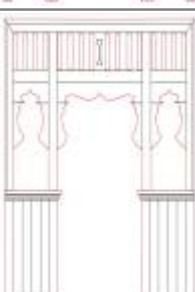
nookdimensions.pdf


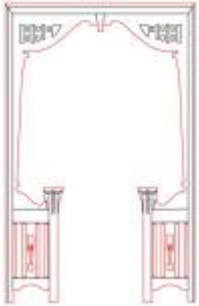

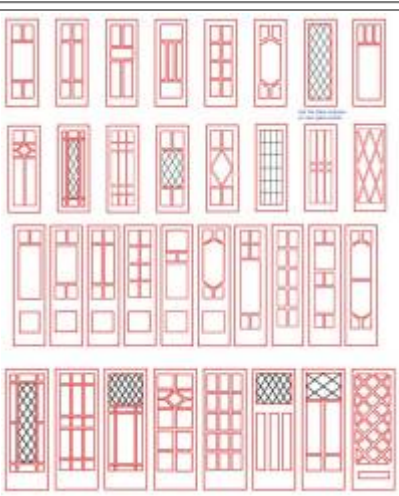

Template	Material	File
Base nook design	4mm ply	<a href="#">Nook design file</a>
Base nook design - Magnet cuts	4mm ply	<a href="#">Nook design file magnet cuts</a>
Reverse nook front piece - Magnet engrave	4mm ply - pre-cut piece	<a href="#">Front piece magnet engrave</a>
Front Nook rail door surround	1.7mm to 4mm works	<a href="#">Front door surround</a>
Rails and door surrounds	1.5 mm to 3mm ply or boxboard	<a href="#">Internal rails and door surround</a>
Accents template; casements, doors, breezeway & stain glass	1.5 mm to 2mm wood	<a href="#">Accents template</a>
Mottled glass design for windows	1.5mm acrylic or 0.75mm PETG	<a href="#">Mottled glass</a>
Stained glass window designs	0.75mm PETG	<a href="#">stained_glass_designs.pdf</a>
Nook roof	4mm ply	<a href="#">Pitched roof design</a>
Front veranda idea	4mm ply	<a href="#">Front add on veranda</a>

## Material cutting notes

Current working file for windows with engraving (clear acrylic or PETG), tested with 1.5mm acrylic and .75mm PETG, both look fine but the PETG works best since it's thinner, but be mindful of warping, quick single cuts that are separated by a good distance are best, and remove any plastic covering before cutting.

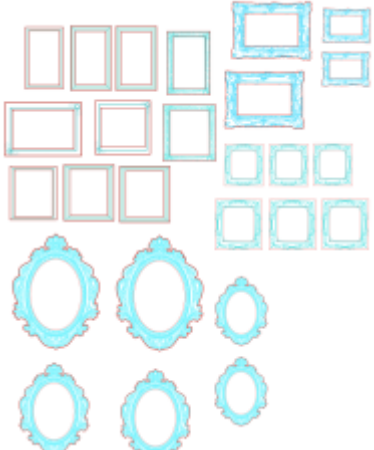
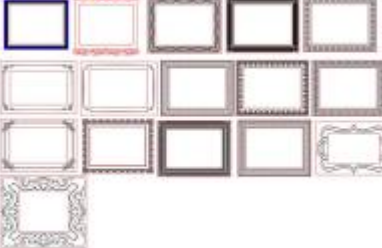
## Additional Design Files

Vector designs	Material	File	Image
Arch 1	4mm ply	<a href="#">Arch1 design file</a>	
Arch 2	4mm ply	<a href="#">Arch2 design file</a>	
Arch 3	4mm ply	<a href="#">Arch3 design file</a>	
Arch 4	4mm ply	<a href="#">Arch4 design file</a>	
Arch 5	4mm ply	<a href="#">Arch5 design file</a>	

Arch 6	4mm ply	<a href="#">Arch6 design file</a>	
Arch 7	4mm ply	<a href="#">Arch7 design file</a>	
Arch 8	4mm ply	<a href="#">Arch8 design file</a>	
Multiple options	1.5mm to 2mm	<a href="#">Casement windows and doors</a>	
Back window casements	1.5mm to 2mm	<a href="#">back_window_casements.pdf</a>	
More side door options	1.5mm to 2mm	<a href="#">More side door options</a>	

Breezeways	1.5 mm to 4mm	<a href="#">breezeways.pdf</a>	
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### Furniture Design Files

Vector designs	Material	File	Image
Mini frames	1.5mm - 4mm	<a href="#">frame_design.pdf</a>	
More frames (unsized)	1.5mm - 4mm	<a href="#">pictureframes.pdf</a>	
Some furniture	1.5mm - 2mm	<a href="#">some_furniture.pdf</a>	