Queensland Architecture in Miniature 2023

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

- 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

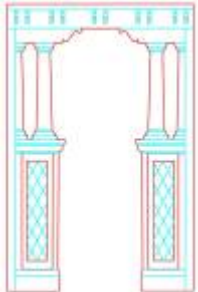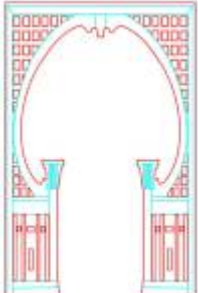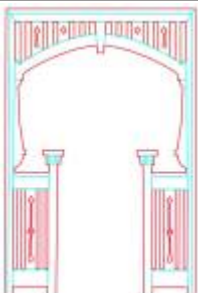## Basic nook with archway design

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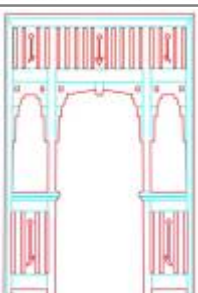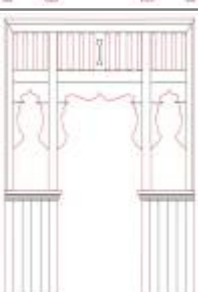
nookdimensions.pdf
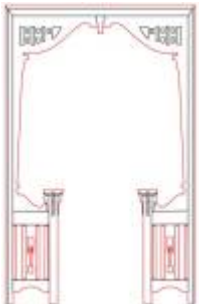
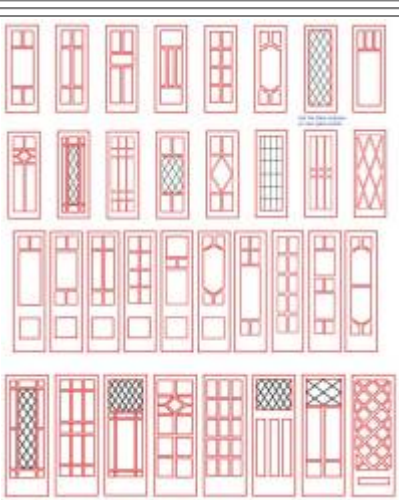| Template	Material	File
Base nook design	4mm ply	Nook design file
Base nook design - Magnet cuts	4mm ply	Nook design file magnet cuts
Reverse nook front piece - Magnet engrave	4mm ply - pre-cut piece	Front piece magnet engrave
Front Nook rail door surround	1.7mm to 4mm works	Front door surround
Rails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

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.
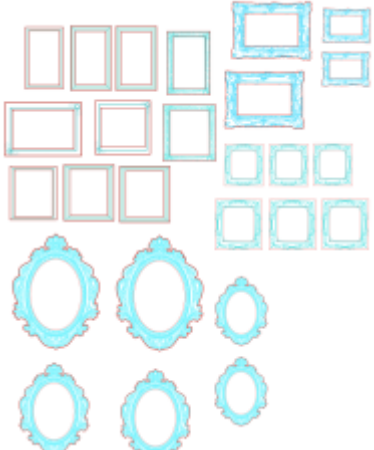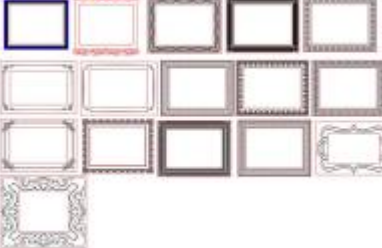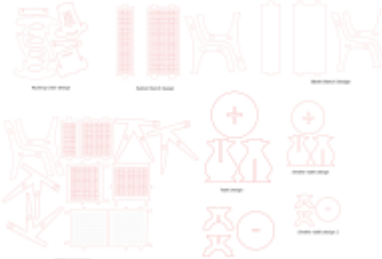
Additional Design Files

Vector designs	Material	File	Image
Arch 1	4mm ply	Arch1 design file	
Arch 2	4mm ply	Arch2 design file	
Arch 3	4mm ply	Arch3 design file	
Arch 4	4mm ply	Arch4 design file	
Arch 5	4mm ply	Arch5 design file	

Arch 6	4mm ply	Arch6 design file	
Arch 7	4mm ply	Arch7 design file	
Arch 8	4mm ply	Arch8 design file	
Multiple options	1.5mm to 2mm	Casement windows and doors	
Back window casements	1.5mm to 2mm	back_window_casements.pdf	
More side door options	1.5mm to 2mm	More side door options	

| Breezeways | 1.5 mm to 4mm | breezeways.pdf | |

Furniture Design Files

Vector designs	Material	File	Image
Mini frames	1.5mm - 4mm	frame_design.pdf	
More frames (unsized)	1.5mm - 4mm	pictureframes.pdf	
Some furniture	1.5mm - 2mm	some_furniture.pdf	