

The background is a solid teal color. It is decorated with a pattern of faint, white line-art icons. These icons include various architectural elements like floor plans, elevations, and sections, as well as design tools such as pens, pencils, erasers, and a compass. A circular logo with a stylized 'L' and 'Z' is also visible in the upper left.

Queensland Architecture in Miniature 2023

SLQ Wiki Fabrication Lab 2025/07/07 00:43

Queensland Architecture in Miniature 2023

~~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](#)

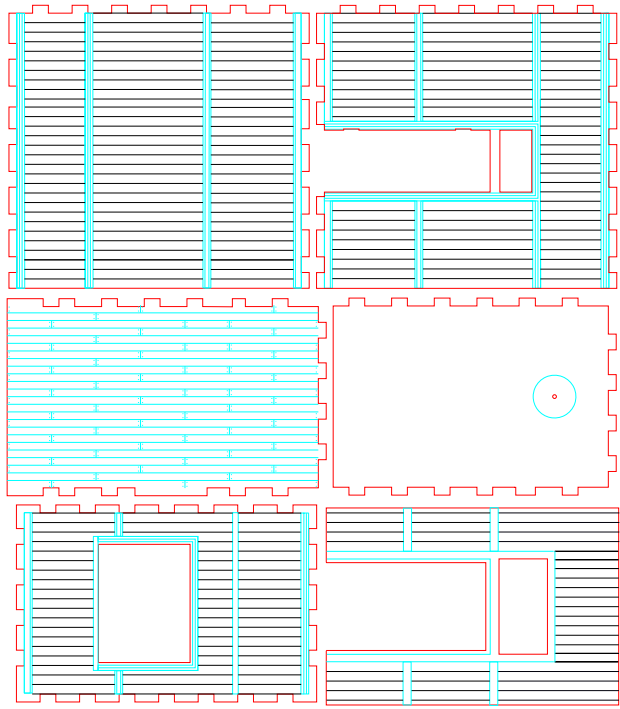
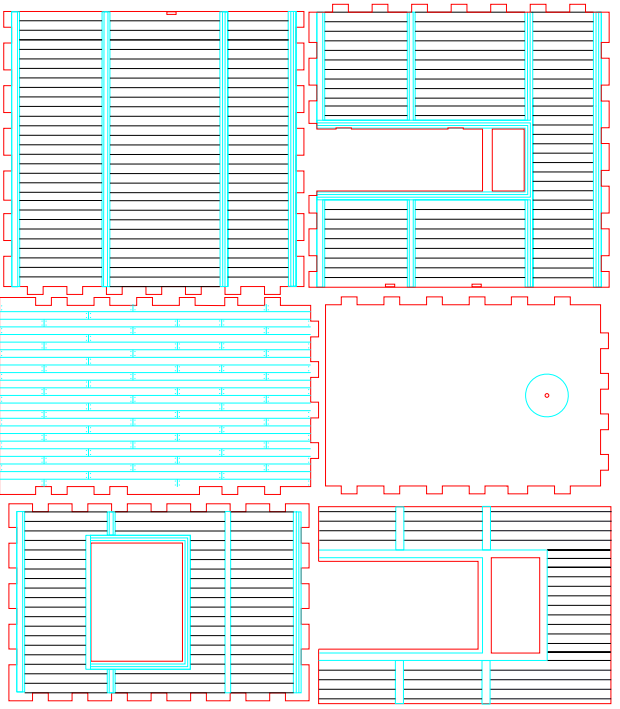
Design File Templates

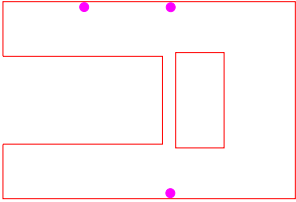
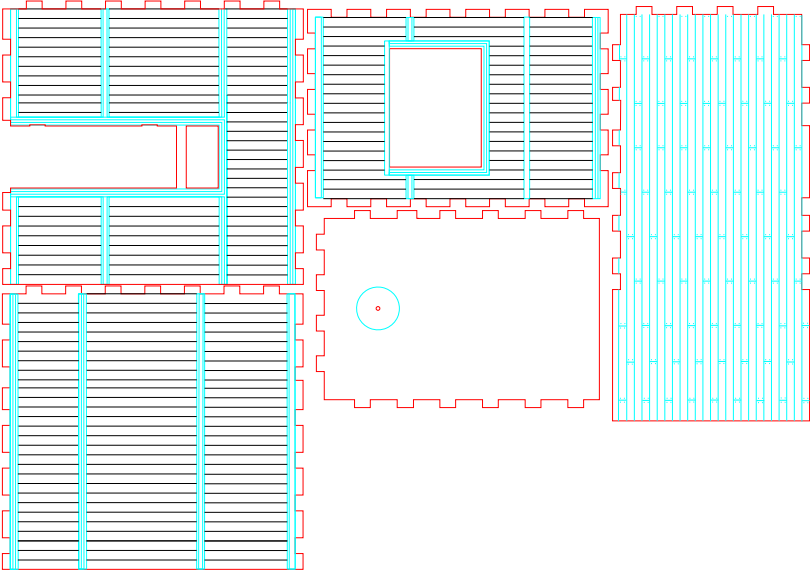
Basic nook with archway design



[Our nook dimensions file -](#)

[nookdimensions.pdf](#)

| Template | Material | File |
|--|----------|--|
| Base (Closed) nook design | 4mm ply |  |
| Base (Closed) nook design - Magnet cuts | 4mm ply |  |

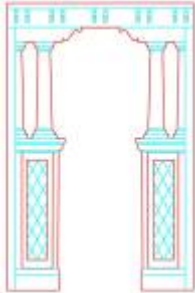
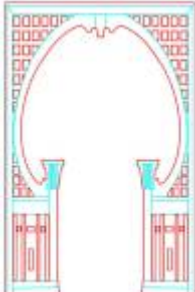
| Template | Material | File |
|---|-------------------------------|---|
| Reverse nook front piece - Magnet engrave | 4mm ply - pre-cut piece |  |
| Base nook with patio design | 4mm ply |  |
| Front Nook rail door surround | 1.7mm to 4mm works | Front door surround |
| Rails and door surrounds | 1.5 mm to 3mm ply or boxboard | Internal rails and door surround |

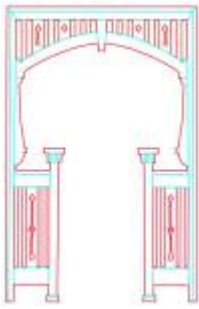
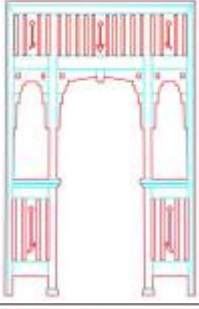
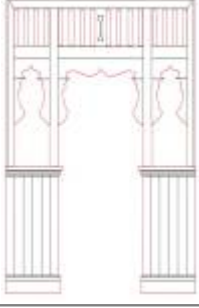

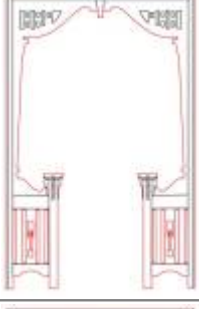

| Template | Material | File |
|---|------------------------------|---|
| Accents template; casements, doors, breezeway & stain glass | 1.5 mm to 2mm wood | Accents template |
| Mottled glass design for windows | 1.5mm acrylic or 0.75mm PETG | Mottled glass |
| Stained glass window designs | 0.75mm PETG | stained_glass_designs.pdf |
| Nook roof | 4mm ply | Pitched roof design |
| Front veranda idea | 4mm ply | Front add on veranda |
| Fences | 4mm ply | Fences file |




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

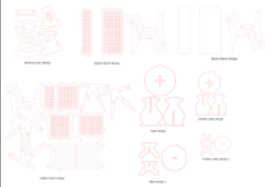
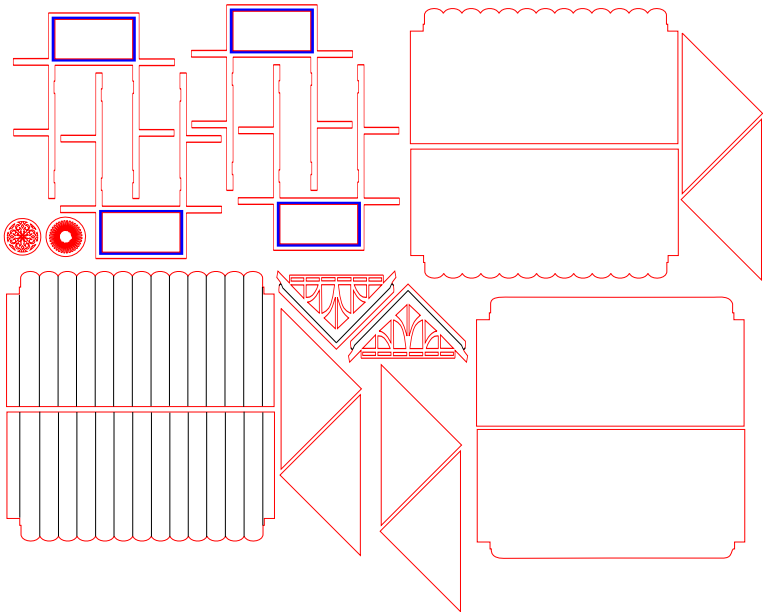
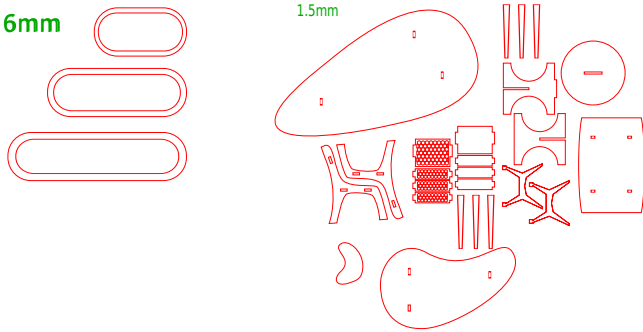
| Vector designs | Material | File | Image |
|----------------|----------|-----------------------------------|---|
| Arch 1 | 4mm ply | Arch1 design file |  |
| Arch 2 | 4mm ply | Arch2 design file |  |

| | | | |
|--------|---------|-----------------------------------|---|
| 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 |  |
| Different Roof designs | 4mm |  | |
| MidMod Designs July 2025 | 4mm + 1.5mm |  | |

STANDARD PATTERNS OF CASEMENTS.

Patterns 1, 4 and 5 appear to be the most used types, although in the better class homes No. 9, 10 and 15 are very popular. Prices vary considerably, 1 to 5 being practically the same cost with varying prices for other styles.

