

# Living Museum:

Maker's Residence and Exhibition Space

Year 1 Architecture at Queen's University of Belfast, 2024

# About the Project

This book showcases an architectural project by Year 1 architecture students at Queen's University Belfast (QUB). Their challenge? To design a residence and exhibition space for a maker at one of two hypothetical sites within the Ulster Folk Museum.

We are extremely grateful to National Museums NI for making this project possible. Special gratitude goes to Dr. Sarah Baccianti, Research Manager, for facilitating our visit, and to Katherine McClean, Built Heritage and Capital Projects Manager, for her insightful talk on the Reawakening project. Her presentation highlighted the transformative goals of reigniting the museum's founding principles and reimagining how people connect with the past, understand the present, and envision the future of the park.

Inspired by the Reawakening project, students were tasked with exploring sustainable practices through traditional skills and construction, as seen on-site. Each student designed a space for a specific maker, emphasising sustainable living, spatial interactions (public and private), exhibition design, materiality, crafts, and heritage conservation, while also responding to the museum's rural landscapes.

## QUB Teaching Team:

**Module coordinators:** Dr Chantelle Niblock and Dr Sarah Lappin

**Module staff:** Keith McAllister and Demian Erbar

**Architect tutors:** Shane Birney, James Grieve, Julian Manev, and Susie Brown

**Reviewers:** Dr Clare Mulholland, Nigel Murray, Leonard Chipawa, Dr Emma Campbell, and Chris Hamill

## QUB Year 1 Students:

Jolaade Adesanya, Chloe Allen, Dana Alsayed, Jude Andrews, Jing Ang, Robert Blaney, Lily Blute, Lia Brennan, Daire Cahill, Brian Callan, Patrishia Cases, Aoife Colhoun, Holly Desmond Fujita, Amelia Douglas, Elena Eickhoff Fernandez, Abdalla Tarek Elhanafy, Courtney Ferdenzi, Cillian Gartland, Ciara Gilmore, Ruth Gilmore, Lucy Grant, Sarah Hanna, Sophie Hewitt, Ella Hogan, Darshita Jalan, Eva Kearney, Eoghan Keenan, Tony Kenny, Aimee Letters, Iliyana Lyubomirova, Jolie Madden, Mhairi Martir, Chloe McCabe, Katie McGilligan, Bronagh McGovern, Niamh McGreevy, Rachel McManus, Rachel McVeigh, Owen Monagle, Mia Montgomery, Anna Moore, Colleen Moore, Jude Newnham, Maeve Ni Bhaoill, Maebh NicAnFhaili, Rohan Nolan, Bronagh O Meara, Andrew Obringer, Kevin Opore-Saforo, Ye Wint Paing, Sofia Ramalho McCourt, Benjamin Riddell, Molly Rock, Eugene Scallon, Tommy Smyth, Samantha Somers, Laura Sparrow, Ho Yin Sun, Áine Sweeney, Kimrosanara Taing, Ke Jeen Tan, Ayushman Thapa, Min Khant Tun, Hannah Turkington, Mariam Usmani, Callum Walsh, Shane Walsh, Hannah Weir, Callum Whiteside, Ingyin Hsu Yee Win, Aaron Yar, Yetkin Yilmaz, and Julia Ziarko.

# Design Brief:

## Residence & Exhibition Space for a Maker

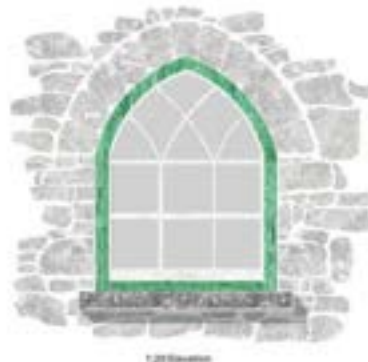
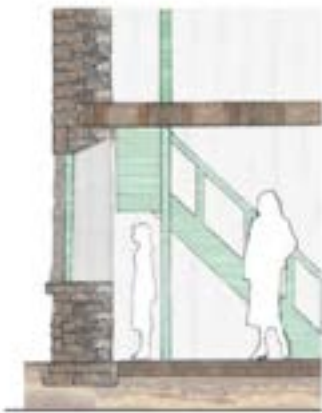
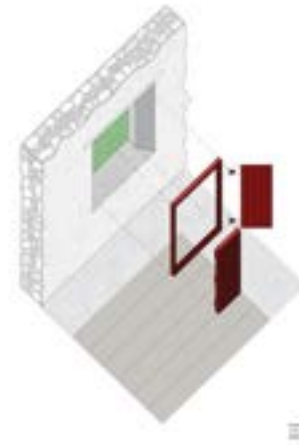
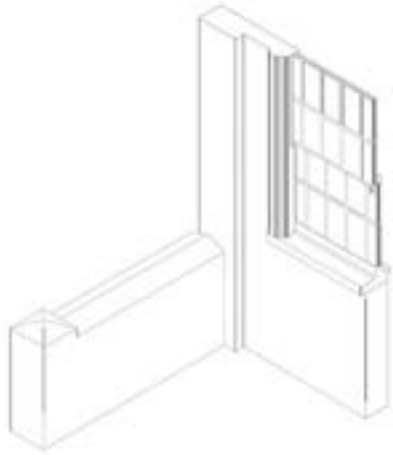
In semester two, year 1 BSc Architecture students at Queen's University of Belfast continue to develop core skills in design and communication, learning CAD alongside developing their model making, hand drawing and digital drawing techniques, such as collage and sectional perspectives.

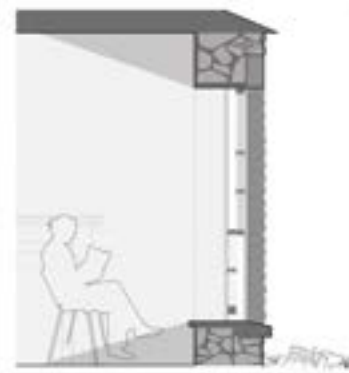
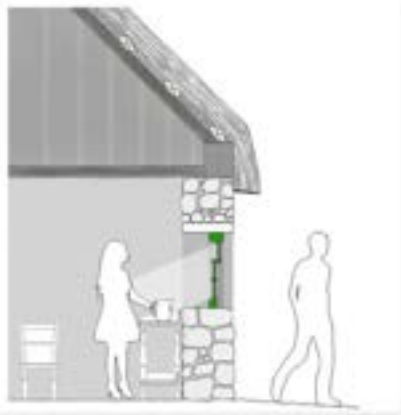
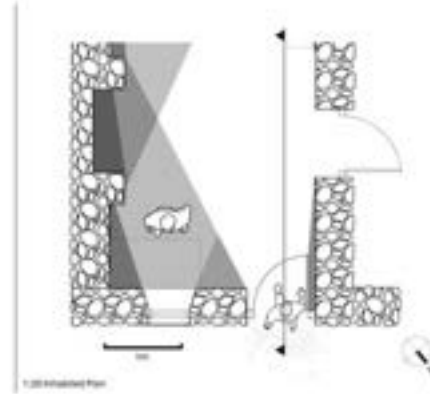
The primary project required students to Design a Residence for a Maker, with exhibition space, in a unique setting: the Ulster Folk Museum, a living museum. The project consisted of four parts: site analysis, design story (research), detailed observation, and the individual final design. Students collaborated on site surveys and analysis. Simultaneously, they researched design stories in pairs, exploring themes such as exhibition design, traditional craft and sustainable construction.

Students conducted a detailed observation of a threshold or aperture, of their choice, from the museum. This exercise combined hybrid drawing techniques (one by hand and one using CAD) and precise scaling, with a focus on the spatial overlaps of thresholds, which often function as transitional social spaces that mediate environmental, acoustic, and visual boundaries. The drawings captured experimental qualities such as material texture, light, atmosphere and inhabitation.

For the final design, each student imagined a maker's residence for a specific maker, such as a blacksmith, weaver, thatcher, rope maker, and incorporated an exhibition area. Students were encouraged to use research and consider the maker's craft process, environmental context, accessibility, circulation, materiality, and sustainable construction to inform their design.

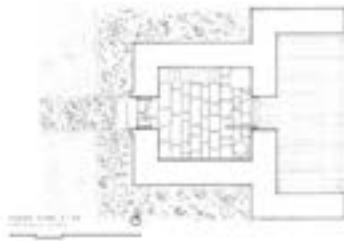




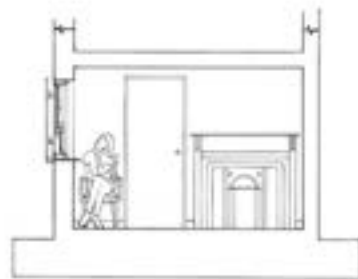


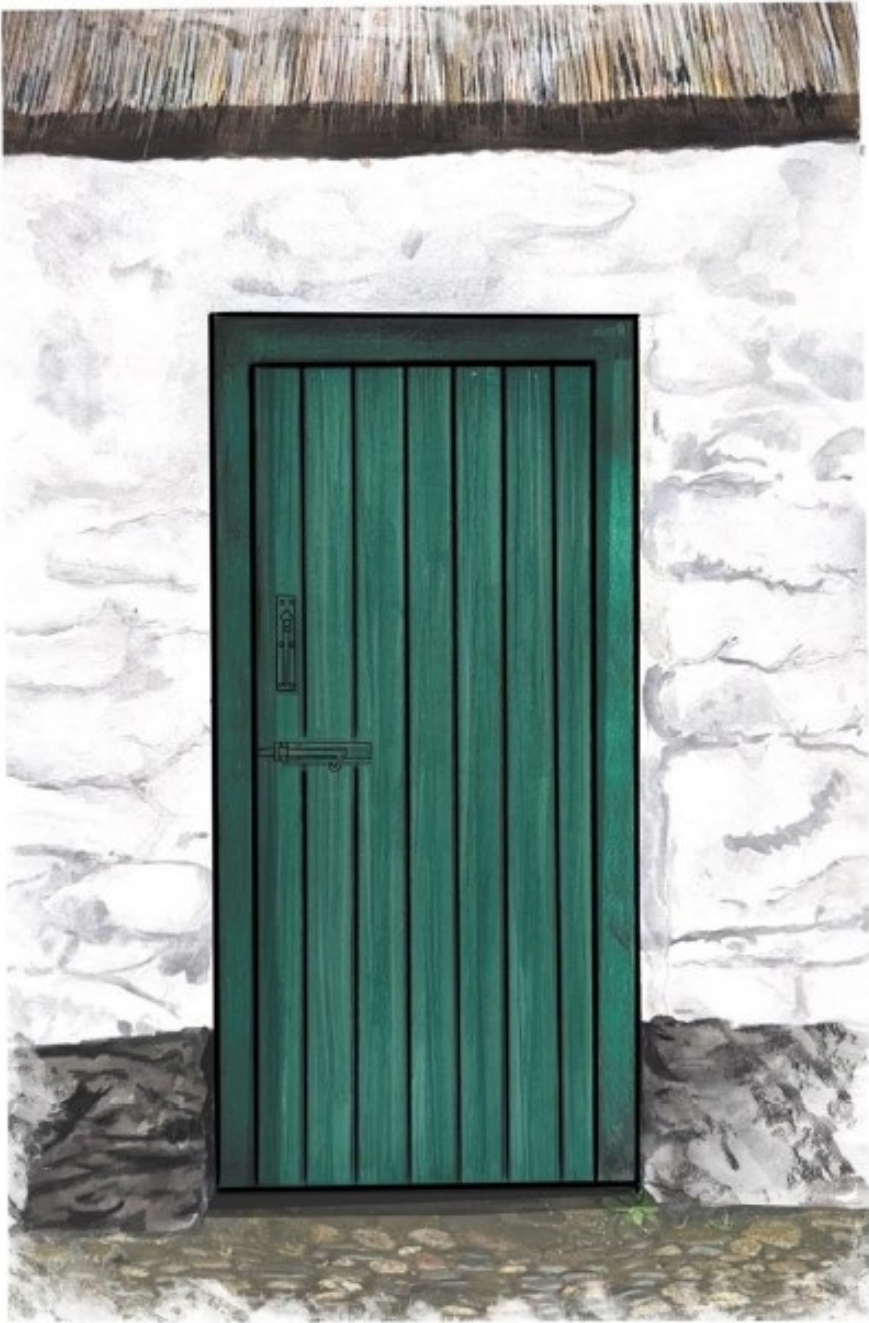
Elevation 130  
AutoCad and Photoshop





Architectural 2018





1. Jude Andrews



2. Cillian Gartland





1800 - 1700

1700 - 1750

1750 - 1770

1770 - 1790



1800 - 1820

1820 - 1850

1850 - 1900



1800s

1850s

1860s

1870-1880

1890s



1800

1850

1900





1. Material Study



2. Building Types



3. Site Survey



4. Makers on Site



1



2



3



4



5



6

- 1. & 2. Design Tutorials
- 3. Jude Newnham
- 4. Molly Rock
- 5. Aoife Colhoun
- 6. Tony Kenny



1



2

1. Kimrosanara Taing
2. Jolie Madden



1

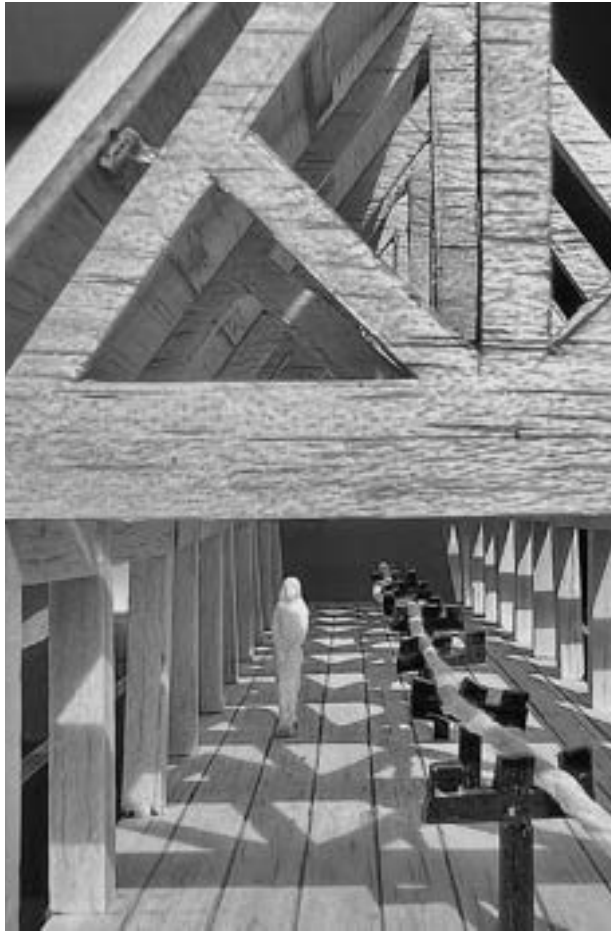


2



3

1. Callum Walsh
2. Jude Newnham
3. Benjamin Riddell



1

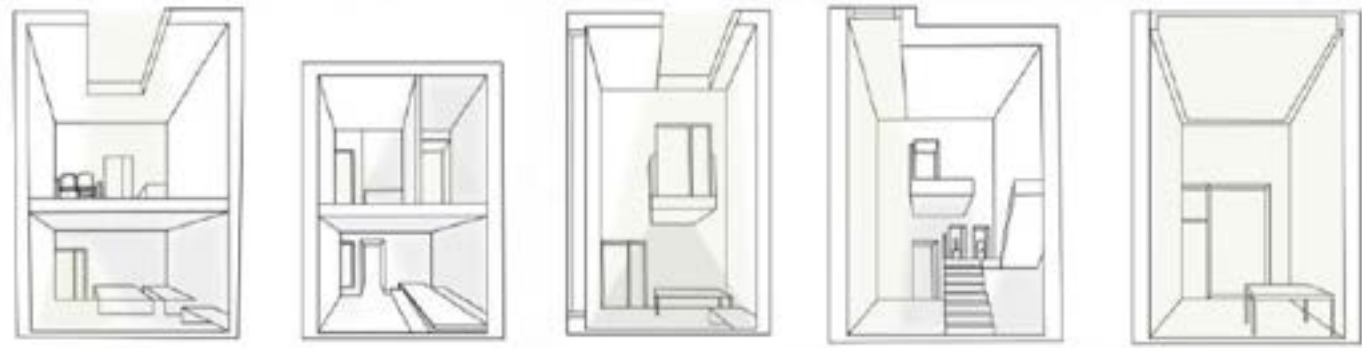


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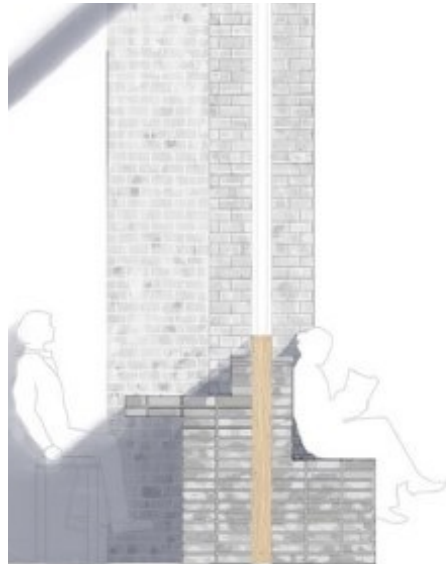


3

1. Maeve Ni Bhaoill
2. Laura Sparrow
3. Holly Desmond Fujita



1



2



3



4



5



6



7

1. Jolie Madden
2. Aimee Letters
3. Kevin Opere-Saforo
4. Amelia Douglas
5. Jude Andrews
6. Ruth Gilmore
7. Aaron Yar



1



2



3



4



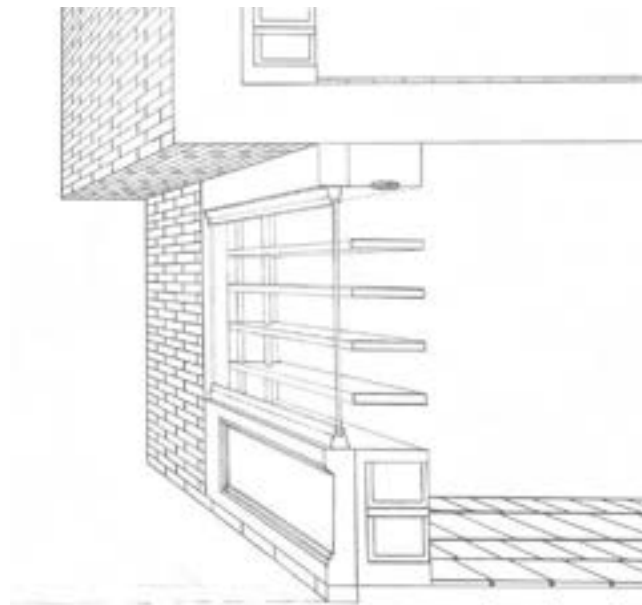
5



6

1. Mia Montgomery
2. Daire Cahill
3. Katie McGilligan
4. Khant Tun Min
5. Callum Whiteside
6. Eleana Eickhoff Fernandez





1



The sliding door creates an inviting space with good natural lighting and ventilation.

Inspiration from spirit museum allows me to present photography of various baskets while communicating the process and techniques through a motion shifting display.

Low set window which provides a view not only to surrounding site and greenery but also the soaked willow being sheltered at the front.

2



3



4



5



6

1. Julia Ziarko
2. Jude Andrews
3. Lily Bute
4. Eva Kearney
5. Callum Walsh
6. Chloe Allen

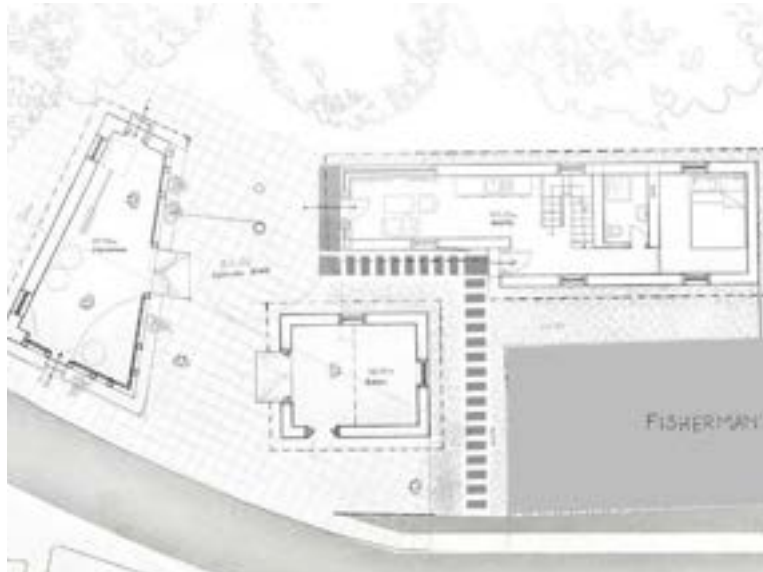
Sectional Perspectives



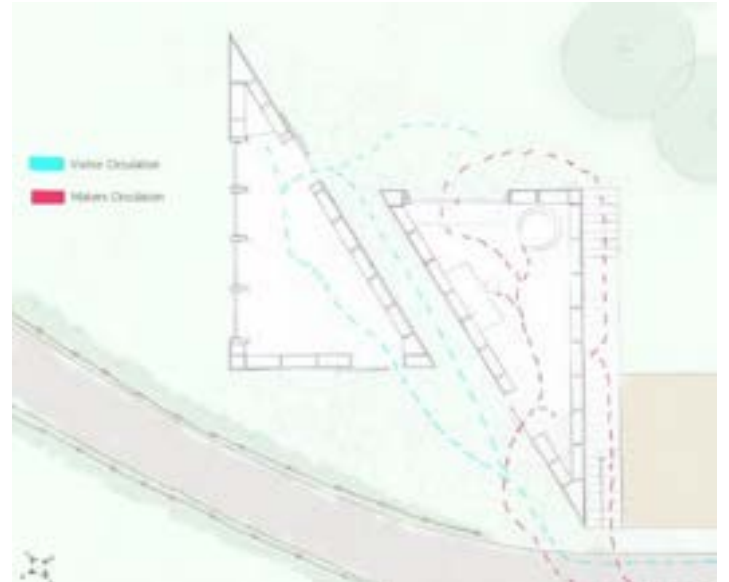
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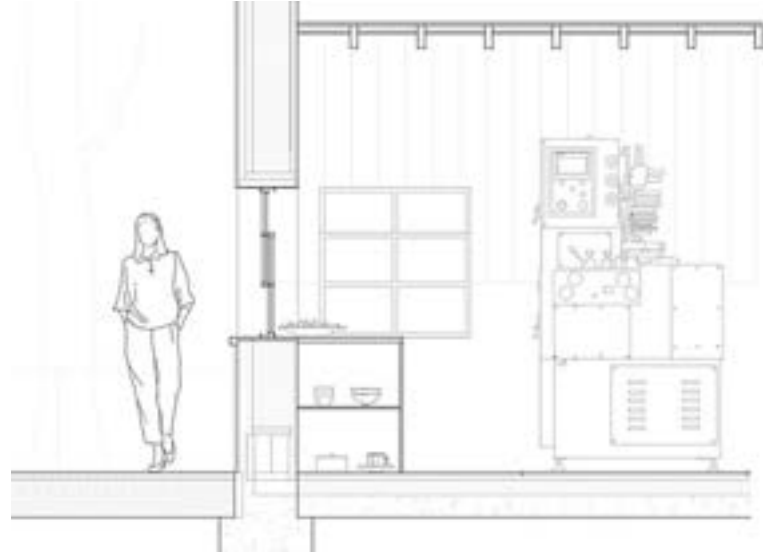
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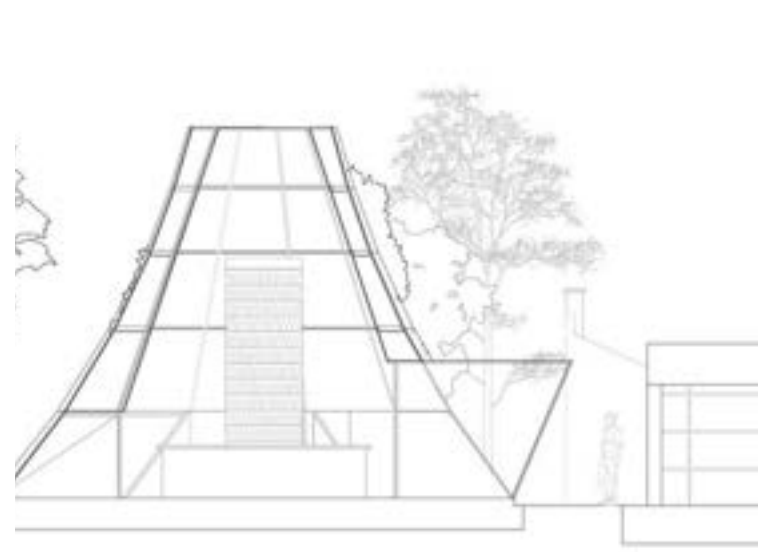
3



4



5



6

- 1. Ingyin Hsu Yee Iris Win
- 2. Rachel McManus
- 3. Ingyin Hsu Yee Iris Win
- 4. Rachel McManus
- 5. Tommy Smyth
- 6. Iliyana Lyubomirova



Montage by Amelia Douglas



Collage and sketch by Samantha Somers



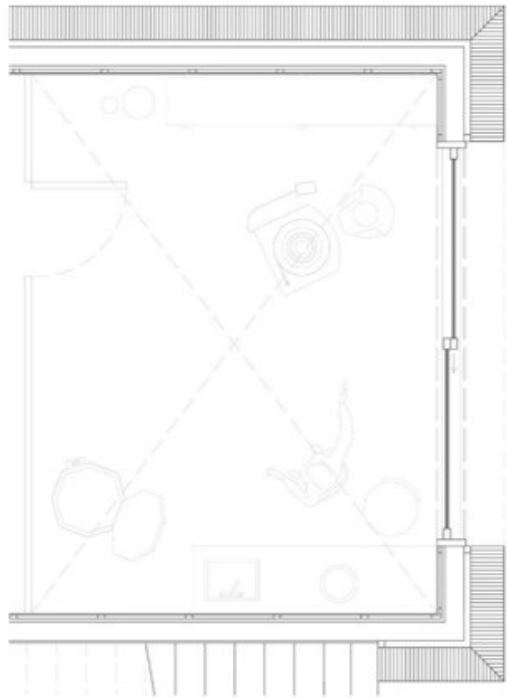
1. Sectional Perspective



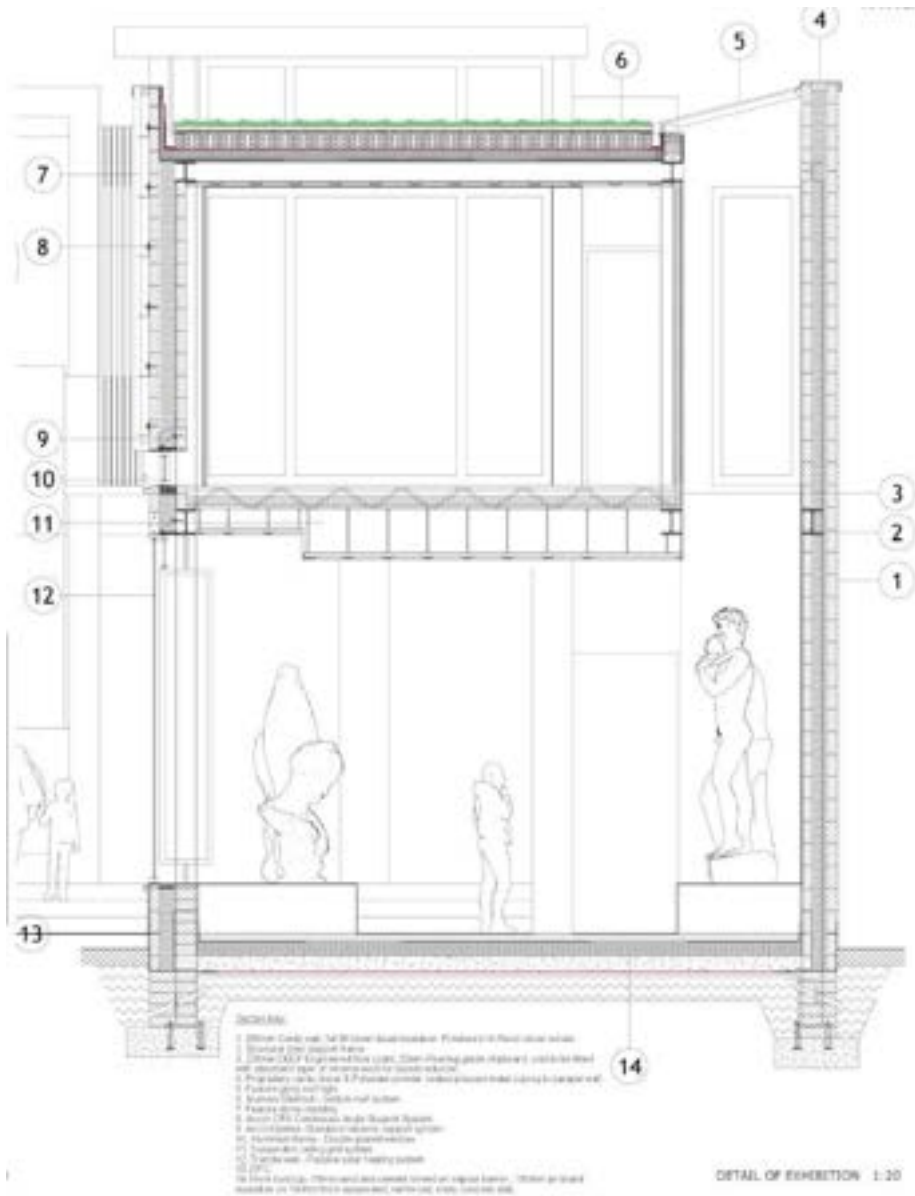
2. Exhibition Detail Model



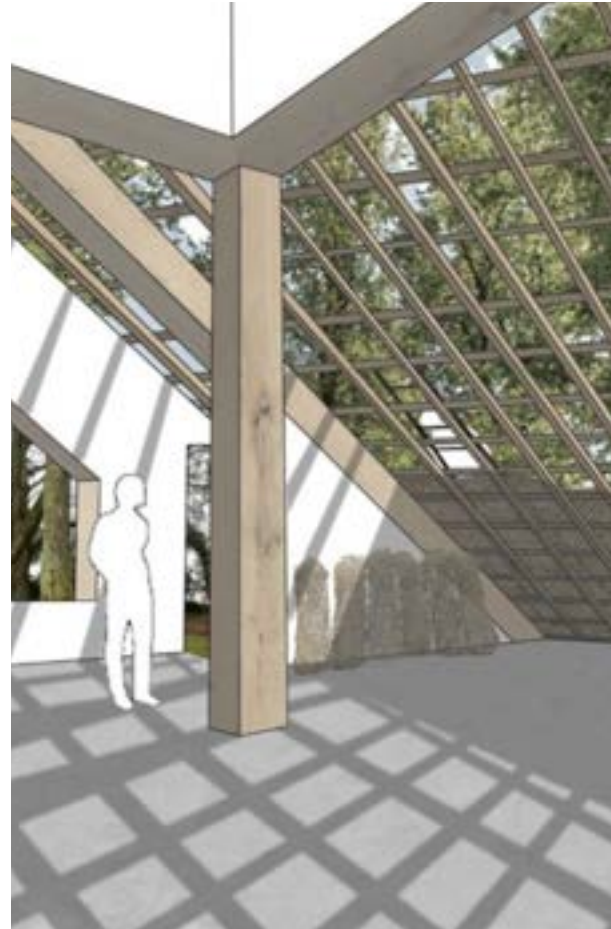
3. Design Process



Residence & exhibition space for a ceramicist by Callum Whiteside

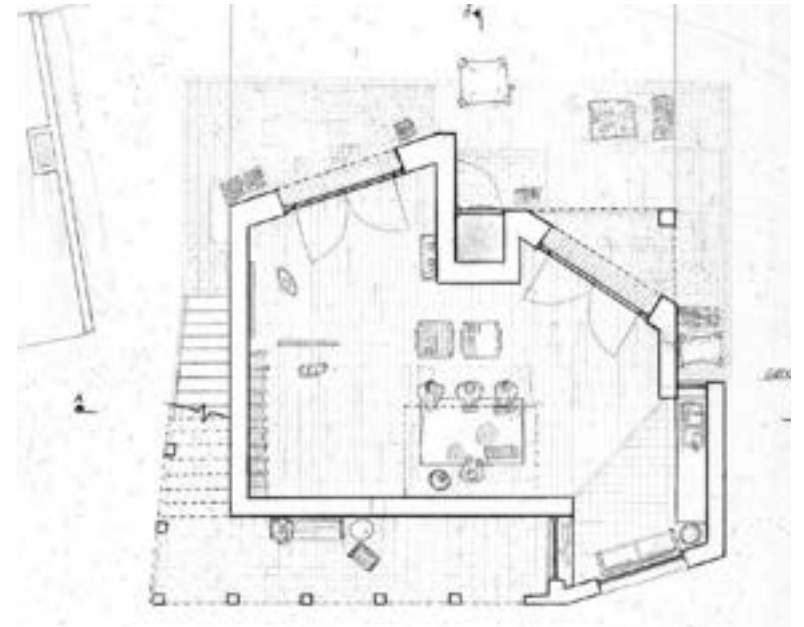


Residence & exhibition space for a stonemason by Ben Blaney

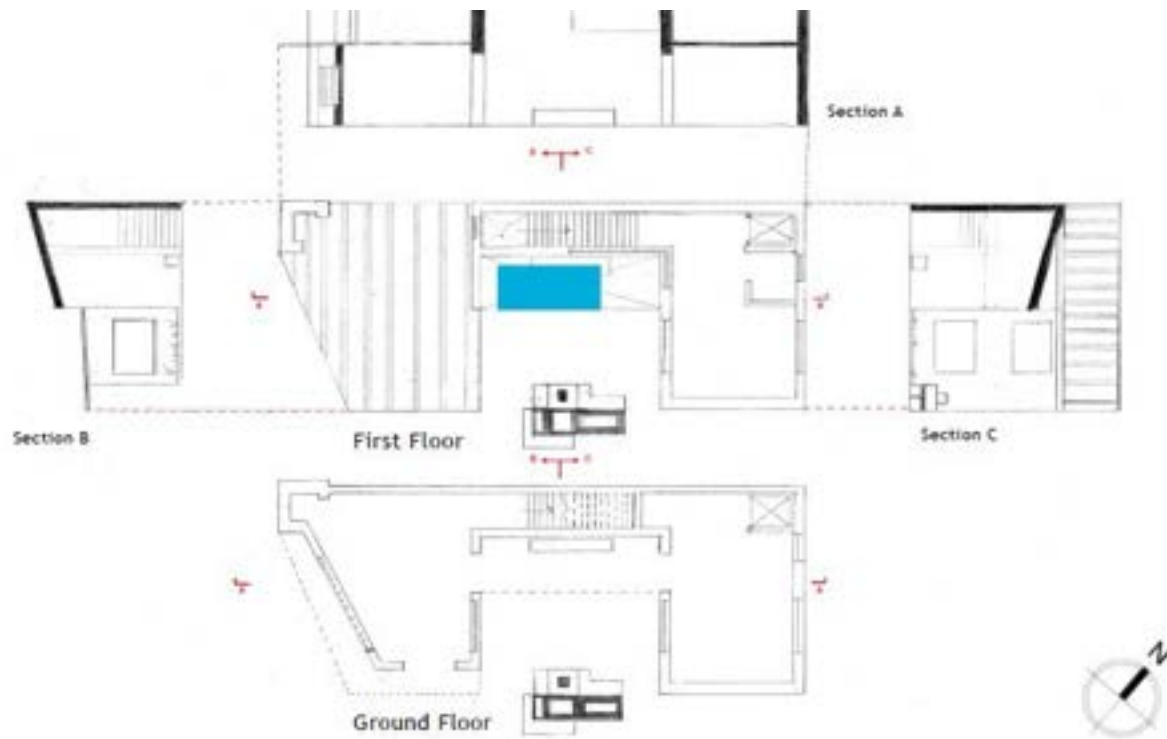
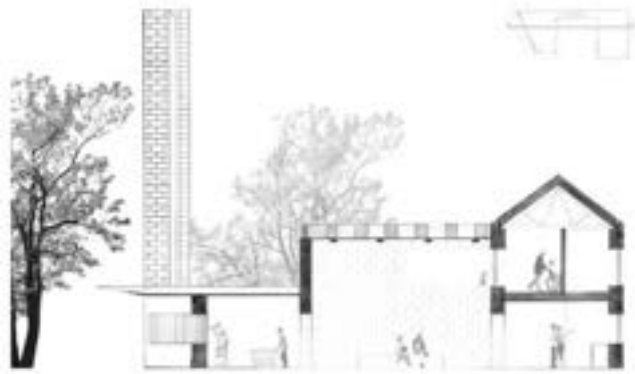


Residence & exhibition space for a thatcher by Sophie Hewitt





Residence & exhibition space for a brickmaker by Hannah Weir





Year 1 students work showcased at the QUB Architecture End of Year Show

## Visit the 3D Digital Exhibition



Scan QR Code



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UNIVERSITY  
BELFAST**

Front image: Chimney in the Old Rectory  
by Chantelle Niblock