



Transforming Tuppenny Barn

The Project



Tuppenny Barn is transforming! Our plans for a new **Shop and Café** will open up more opportunities to support our local community sustainably.

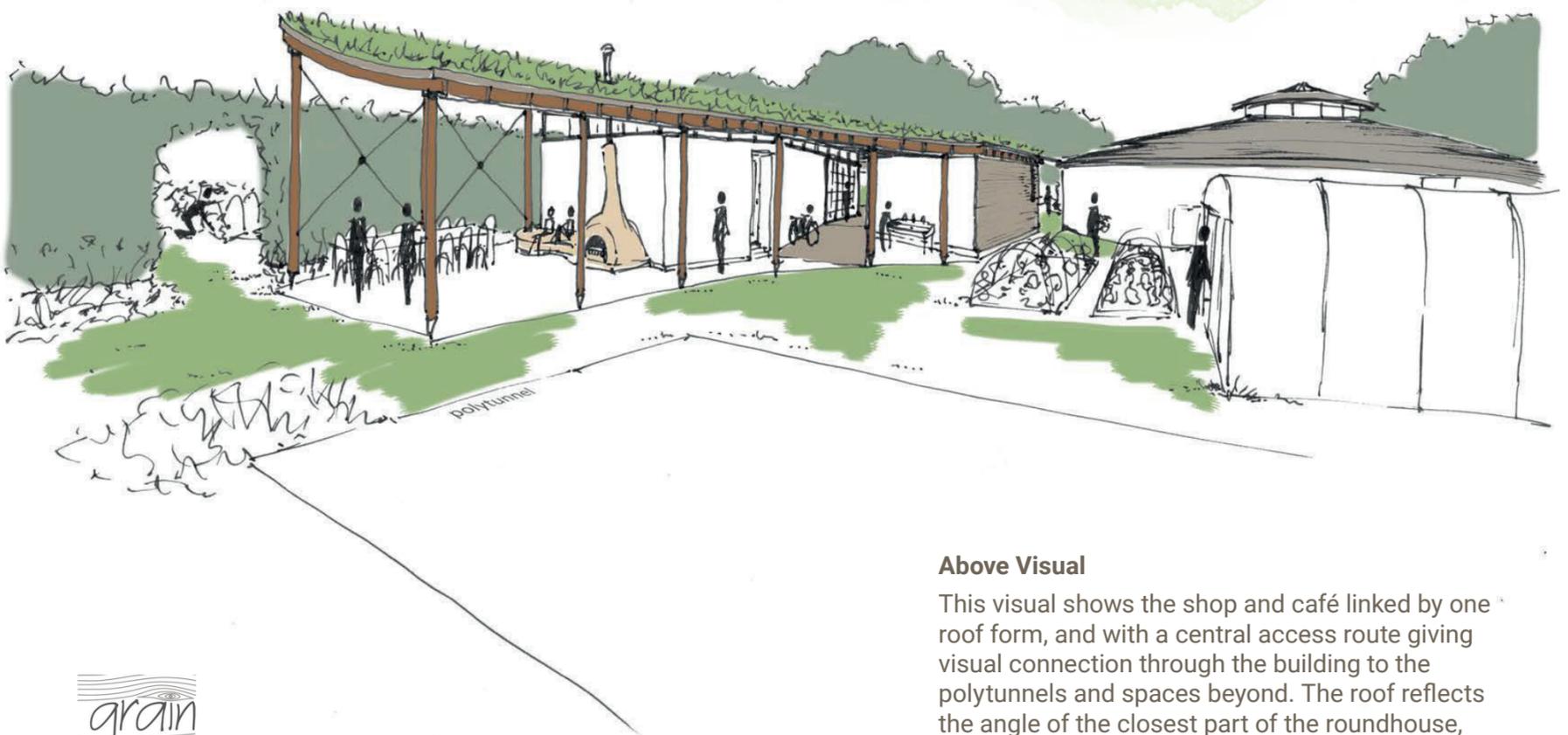
Responding to the needs of our community

Transforming Tuppenny Barn will help us achieve our charitable objectives to:

- + **Expand our social purpose** by enabling our educational offerings to increase and diversify.
- + **Be more open** and continue to **inspire** individuals and communities to learn about, and enjoy, sustainable organic food.
- + Continue to **invest in our team** of employees and volunteers
- + **Diversify our income streams** to help mitigate financial risk and our reliance of small grants.

New Shop and Café

Initial Concept



Above Visual

This visual shows the shop and café linked by one roof form, and with a central access route giving visual connection through the building to the polytunnels and spaces beyond. The roof reflects the angle of the closest part of the roundhouse, and provides solar shading to the glazed café and shop frontage.

The Architects

Grain Architecture is a small design practice specialising in design using natural, breathable, low-carbon materials such as timber, earth, straw, stone, hemp, clay, lime, sheep wool, cellulose and more. They aim to create healthy, low-impact spaces with a zero- or negative-carbon footprint and do this by combining energy-efficient design with locking up CO₂ in plant-based materials. For more details visit grainarchitecture.co.uk

Materials



Roofs

Roofs can be built in the same way as the walls, and finished with a green living roof, metal roof, natural slates, clay tiles, timber shingles or thatch. Solar panels can also be incorporated.



Floors

Another opportunity to avoid concrete, we opt for limecrete or earth solid floors with recycled glass insulation, or suspended timber floors with natural insulation & slate DPCs.

Walls

We often use timber with insulations such as wood fibre, straw, hempcrete, wools, and cellulose. Finishes include timber cladding, lime render, lime/clay plaster.



Foundations

We always try to avoid pouring concrete, and instead favour compacted aggregate pits/trenches with stone or brick plinth walls, limecrete footings, or rammed tyres.



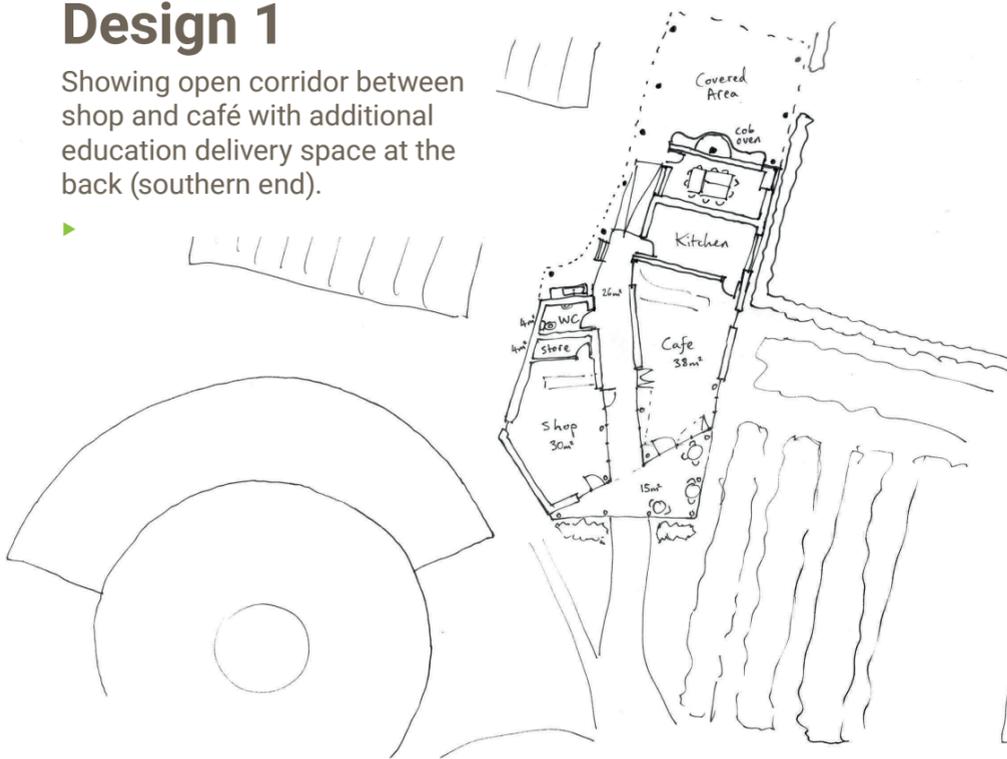
Initial Designs

Key Scope

- + A café with kitchen 30-40m².
- + Café indoor seating area (12 covers) with delivery space for education and therapy groups 20m².
- + A toilet/washroom accessible by all 3-5m².
- + A zero-waste shop selling fresh organic produce 20-30m².
- + Covered dining area for alfresco dining 12-16m².
- + Covered area for volunteers, staff, school visits, therapy sessions, private hire 36m² (for approx. 70 people).
- + Additional multi-use room (study).

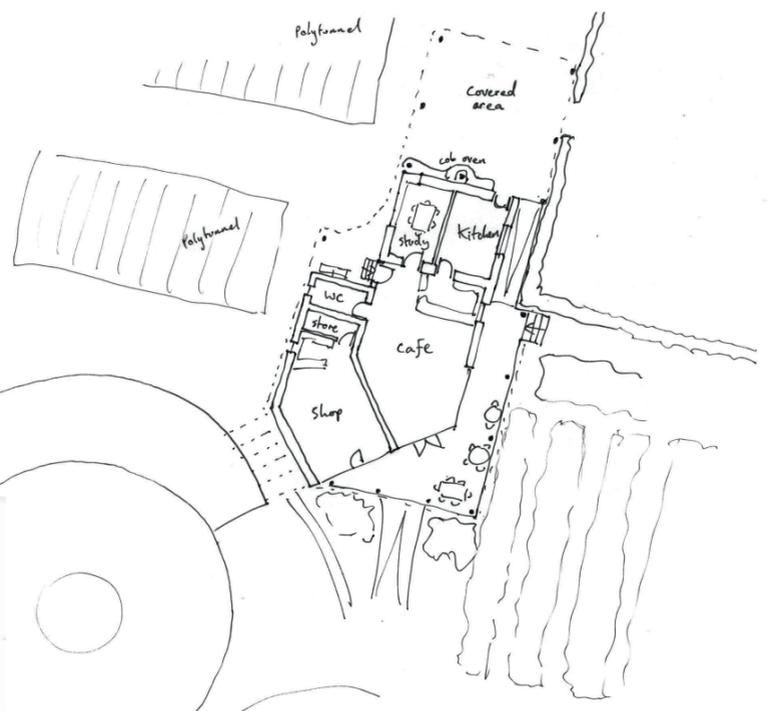
Design 1

Showing open corridor between shop and café with additional education delivery space at the back (southern end).



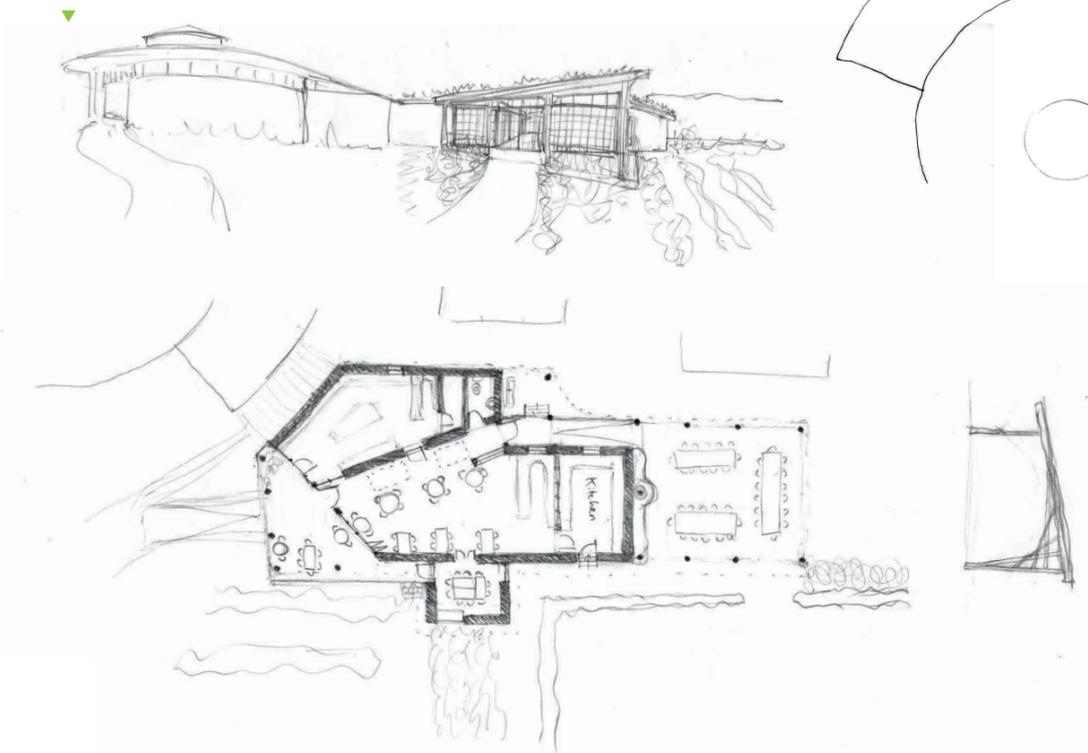
Design 2

Internal corridor between shop and café removed resulting in two separate entrances. Additional education delivery space adjacent to the kitchen. Covered veranda for outdoor eating wrapped around to the south and east.



Design 3

Showing additional education delivery space to the side (eastern side) with internal corridor.



Help Shape Our Transformation

We'd Love Your Feedback

- + Overall response to the project?
- + What do you like about these initial design sketches?
- + Do you have a favourite? If so, why?
- + Are there any aspects of the project or design that concern you?
Can you offer a solution?
- + Please share any other ideas that could help develop our design. What would improve your experience at Tuppenny Barn?
- + Finally, we are looking for fundraising ideas from you to add to our strategy. Please share any thoughts.

How To Respond:



Email your feedback by Friday 19th February to:
duncan@tuppennybarn.co.uk



Complete one of our **Feedback Forms** and leave in the box provided.

Please note: these are only initial designs to be used to share the vision, capture feedback and allow more requirements to be incorporated. There will be revised designs and a presentation in the coming weeks that will form the basis of a community consultation.