



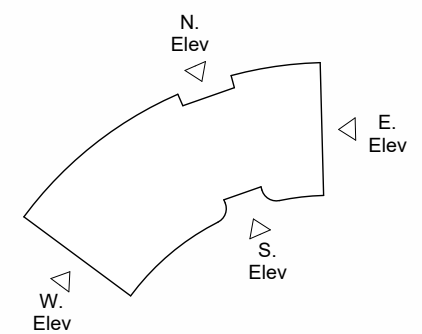
1 Proposed South Elevation



2 Proposed West Elevation

Key

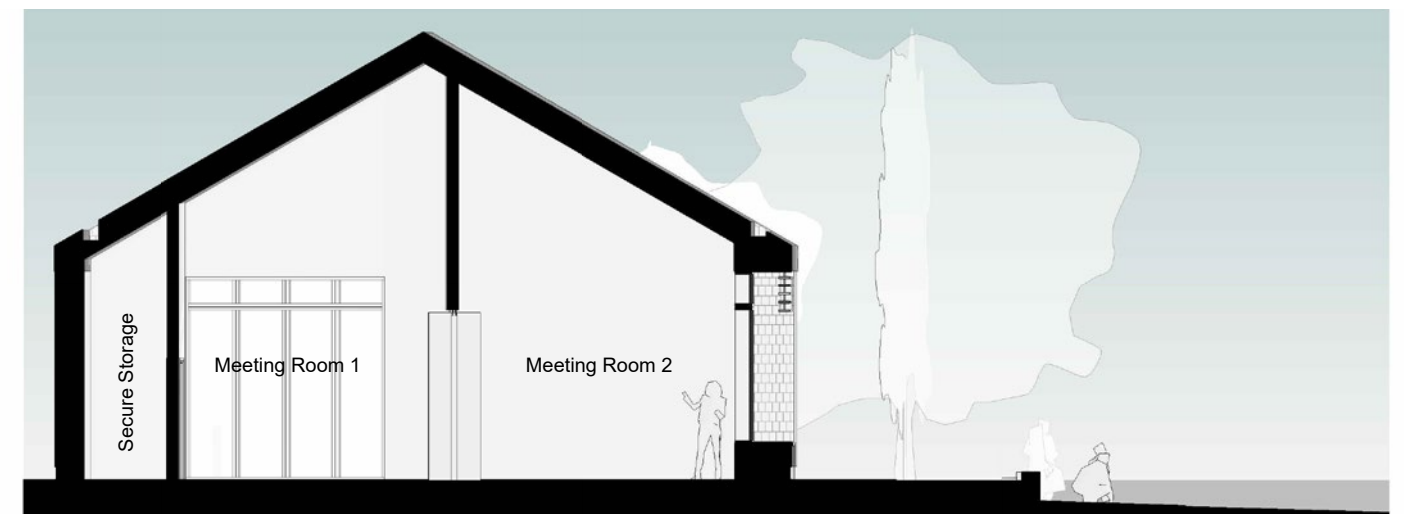
1. Walls - timber shingles
2. Roofs - timber shingles
3. Walls to entrance - timber battens
4. Windows and curtain walling - double glazed composite timber / aluminium
5. Brise soleil - timber to match cladding
6. Engineering grey brick soldier course below DPC
7. Bike store - timber clad with mesh doors
8. Bin Store
9. Bat box (recessed into cladding, only slot visible)
10. Solar panels (photovoltaic) - flush and recessed into roof, matt finish
11. M&E vents - size and position tbc. Colour to complement timber shingles



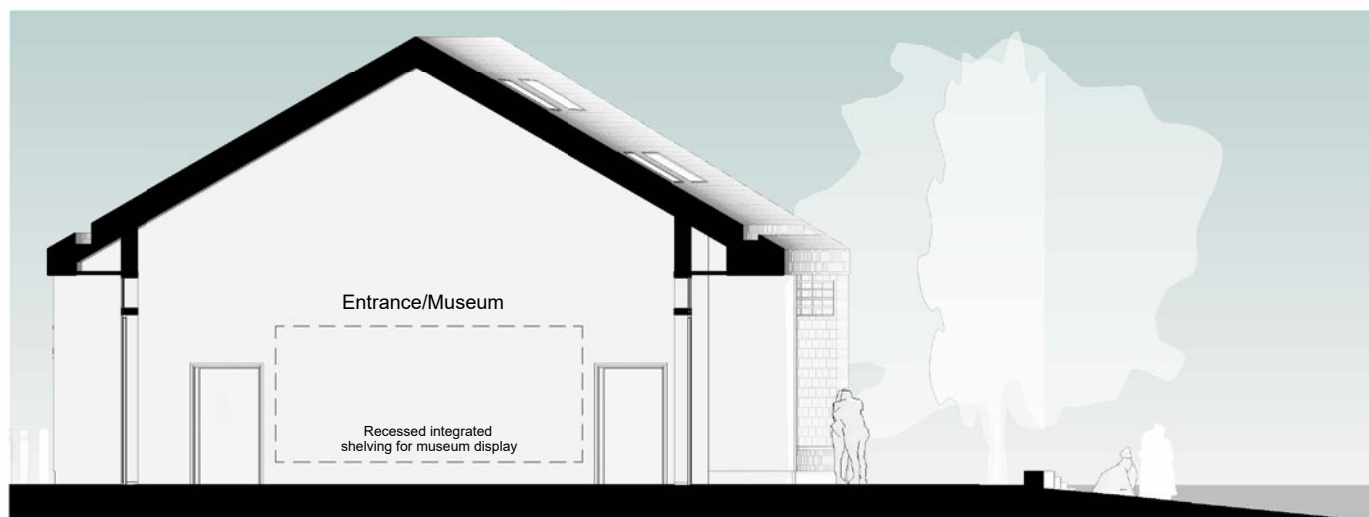
5.3 Proposed Sections



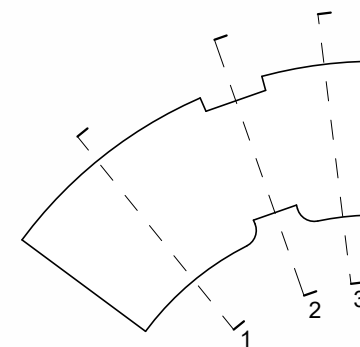
1 Proposed Planning Section 1



3 Proposed Planning Section 3



2 Proposed Planning Section 2



5.4 External Materials

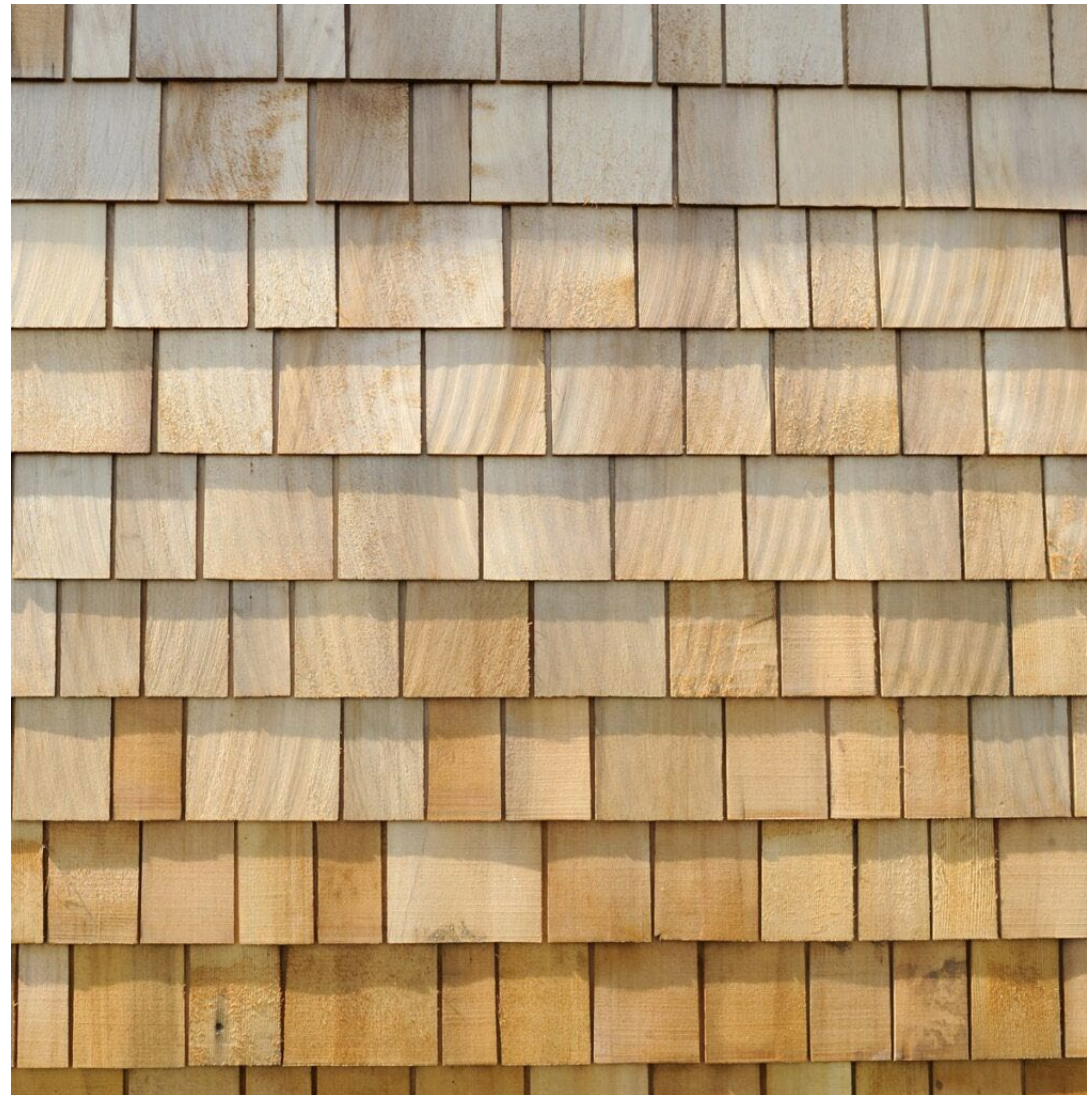
The external materials have been carefully considered for this project too not only be sustainable and embrace net zero principles but also to provide the aesthetic look we wanted for our design vision from our precedent studies.

The building is in a rural setting and the materials we used for the walls and roof had to blend into this environment. The timber not only looks attractive but has a warm welcoming feel, enticing visitors to come in. We chose to do the one material on the roof and walls to create one seamless looking building of architectural merit

We have used the vertical slatted timber of the same material as the roof and walls to mark the buildings entrances, the intention is to carry this material inside the building.

The double glazed composite timber / aluminium windows have been chosen to compliment the shingles and provide continuity in the buildings materials.

A grey soldier course at the bottom of the building provides a robust base to the building and the shingles.



Timber shingles for walls and roof



Vertical timber Slats



Grey brick base

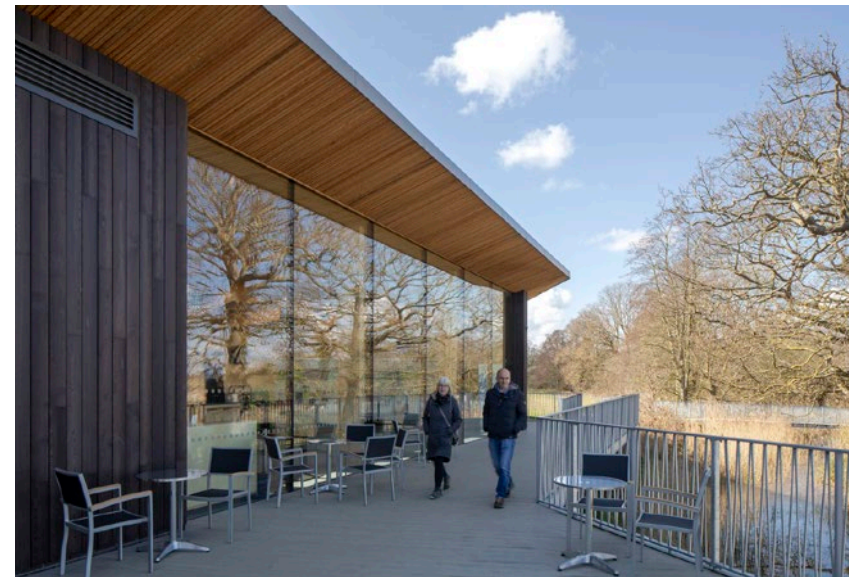


Composite windows

Building Precedents**Ty Pren by Feilden Fowles****Carlton Marshes Visitor Centre by Cowper Griffith Architects**

The expansive glazing and structural timber columns framing the external views, capturing the natural beauty of the site.

Timber materials - both timber structure and visible timber finish.
Provides warmth of natural material







View from footpath looking north-west



Interior view of the cafe

Landscape Design



6.1 Landscape Design

The landscape strategy has been prepared and informed by findings provided by Fenton & Reece who provided the applications Green Infrastructure Statement. Setting out baseline conditions and proposed Green Infrastructure (GI) mitigation.

Ultimately, the landscape proposals at Fourteen Locks have primarily focussed on a light touch approach. This has been to ensure proposals complement the localities natural countryside character and distinctiveness.

Recent improvements at Fourteen Locks have been acknowledged during the design process but if during construction existing elements are impacted matching materials etc. have been proposed. Meaning where proposed elements meet with existing interfaces these should be quite seamless.

No tree felling is required to build the new centre. However, where construction encroaches on existing mature tree planting appropriate protection of root zones in line with findings from the arboricultural report will be implemented. Additional tree planting enhances the existing tree line and along with the proposed ornamental shrub and rain garden species these plantings will consist primarily of native species. The strategy has been to enhance known ecological benefits at site.

A SUDS basin forming part of the wider surface water strategy has been positioned within an existing earth bank. The swale and wider area will be seeded with an appropriate seed mix for the environment. Additional shrub planting will be planted to the edges of the basin.

Finally, a series of bat boxes will be required to comply with the Wildlife and Countryside Act 1981 ensuring no net loss of biodiversity. These will be implemented with one being constructed as part of the architecture itself with several further boxes suitably attached to elements within the wider landscape.



