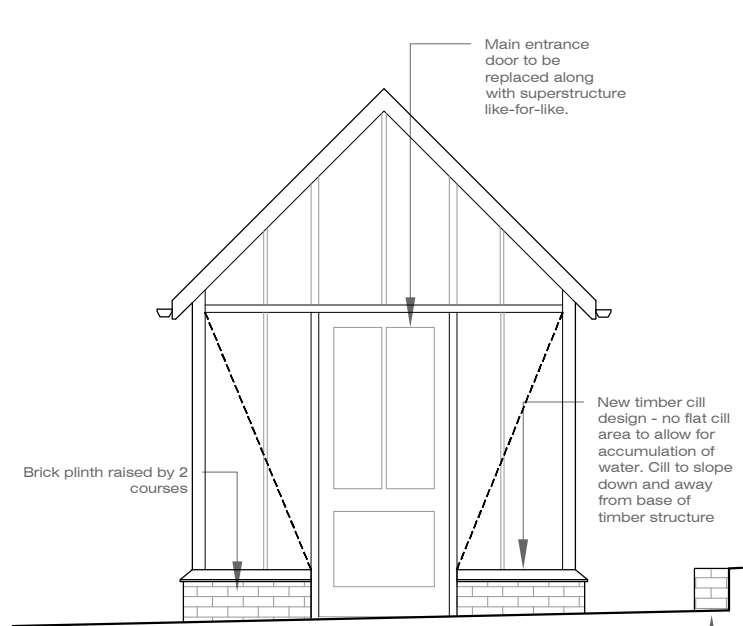
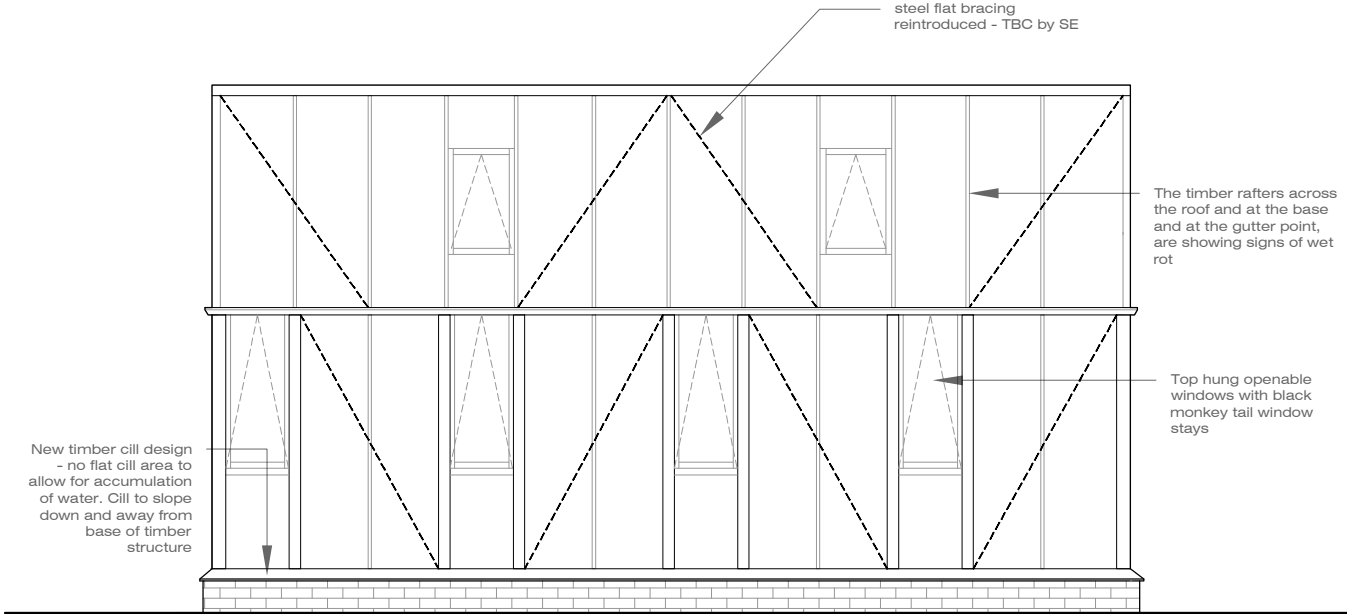
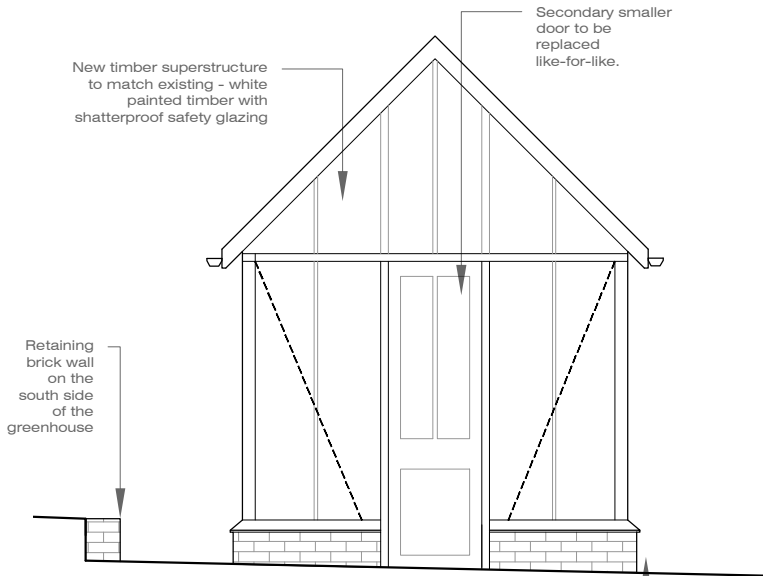




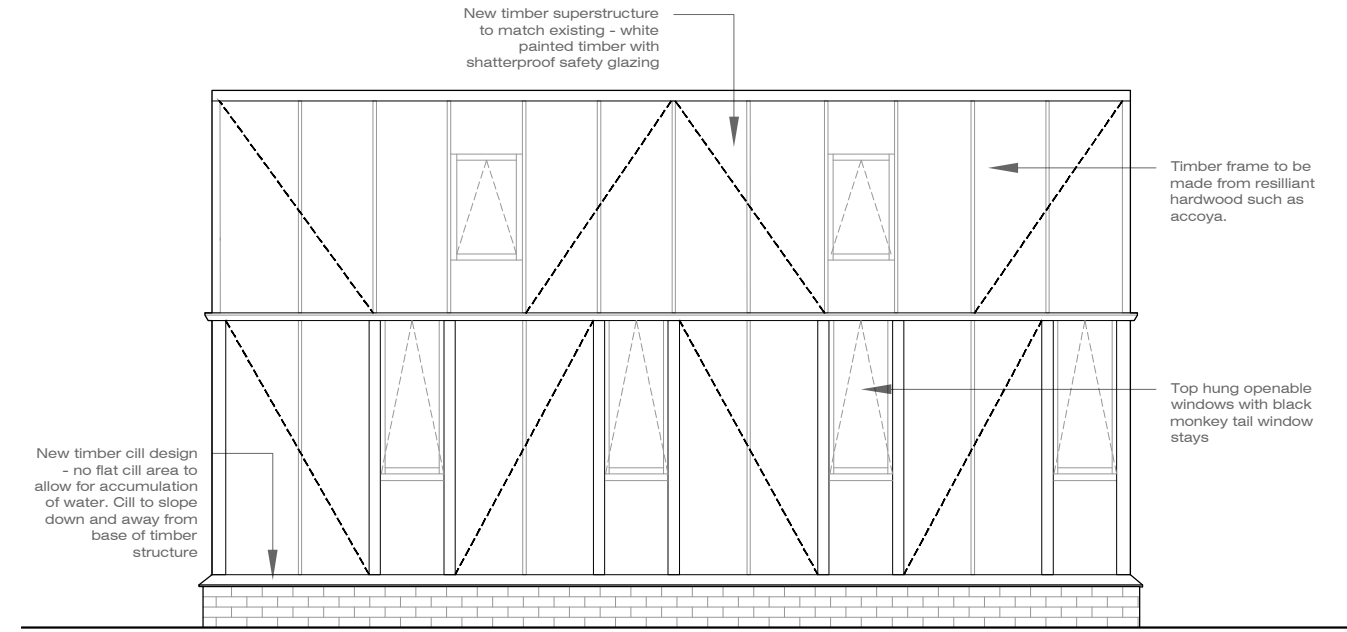
SOUTH WEST ELEVATION



NORTH EAST ELEVATION



SOUTH EAST ELEVATION



NORTH WEST ELEVATION

GREENHOUSE REPAIRS:

Replacement of Timber Superstructure

Due to extensive decay to the timber framing at the base of the walls above the brick plinth, and deterioration to the roof structure in areas adjacent to the guttering, the existing greenhouse structure will be carefully dismantled and replaced in full.

The replacement structure will be constructed to closely match the existing greenhouse in architectural character, including the overall height, proportions, window rhythm, and general detailing, ensuring that the visual appearance of the building is retained.

The new structure will be formed from durable timber such as Accoya, selected for its enhanced resistance to moisture and decay. All external timber elements will be painted white to match the existing appearance.

Brick Plinth Alterations

To improve the durability of the timber structure and reduce the risk of future moisture-related decay, the existing brick plinth will be raised by several courses. This will increase the separation between ground level and the base of the timber framing. The additional brick will be matched to the existing through reclaimed sources, and a suitable lime based mortar will be used.

A revised plinth detail will be introduced whereby the timber cill sits as integrated within the frame, on top of the brickwork, but separated by a DPC to mitigate any rising damp. This provides a moisture barrier between the masonry and timber superstructure. This detail will help prevent water ingress and reduce long-term deterioration of the timber elements.

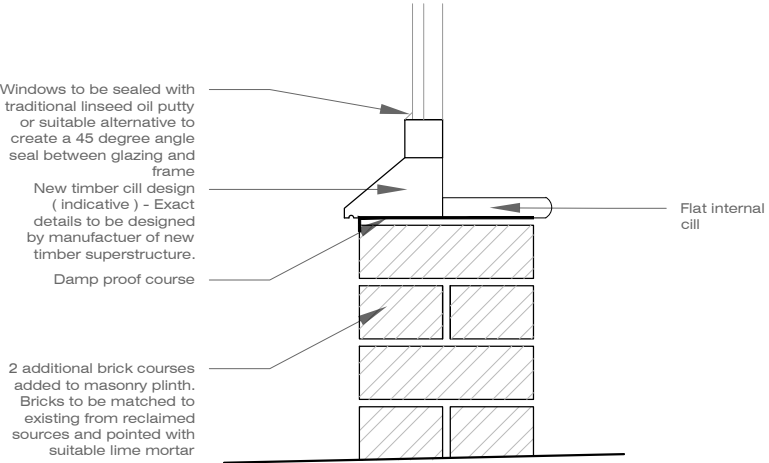
Glazing

The existing glazing will be replaced with reinforced, shatter-resistant safety glazing to ensure the structure is safe for public use. The glazing will be installed within the new timber framing to replicate the existing pane divisions and overall appearance of the greenhouse.

The glazing specification will be selected to maintain the lightweight visual quality of the existing structure, while meeting appropriate safety standards for a publicly accessible site.

Structure

Please note size of structural members, spans and steel bracing is to be determined by a structural engineer.



BRICK PLINTH DETAIL
SCALE 1:10

