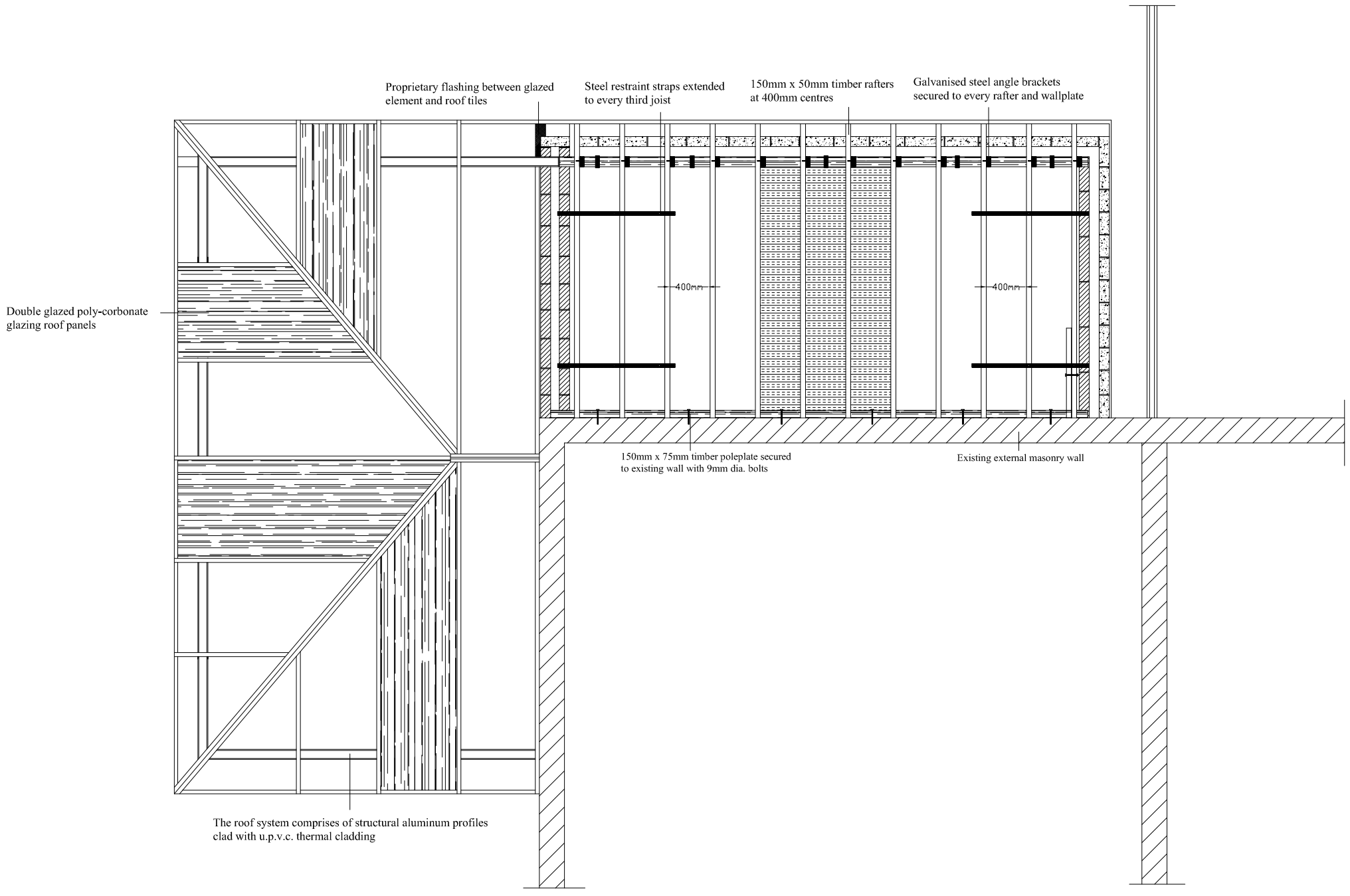
PROPOSED PLAN OF ROOF TIMERS



CONSTRUCTION NOTES

The approved contractor is responsible for the design, structural integrity and obligations of safety for the construction of the orangery. The following are statutory obligations and must be included in the works.
All structural framed components are to comply with the following British Standards and Codes of Practice.
BS 6399: part 3 1988 Snow loading for buildings.
CP: Chapter 5: Part 2: 1972 Wind loadings.
CP 118: BS 8118: Structural use of aluminum.
BS 5516: Overhead Glazing.
British Board of Agrement (BBA) for conservatories.

TIMBER MONO PITCH ROOF
150mm x 50mm timber rafters will span from the timber poleplate which is secured to the existing house masonry wall with 9mm diameter bolts to the top of the wallplate. The wallplate will be secured to the inner block wall with galvanised steel wallplate straps at 1200mm centres. Each individual rafter will connect to the wallplate with mechanical connections. The angle bracket will be galvanised and be secured in place with 6mm diameter bolts. 125mm x 50mm ceiling joists will be bolted to each rafter and to the existing masonry wall with galvanised steel joist hangers. These measures will counteract and spread between the roof and wall.

LEAD FLASHING
The joint between the tiles and the glazing will have either a lead joint and cover flashing or a pre-formed flashing to give an impervious joint. Code 5 lead flashings and soakers will be constructed at all roof abutments with the main roof.

SCALE 1:50

DRAWING NO. 08