Glass roof detail
1:5

Foam gasket at trim perimeter

2/2.5mm Existing brick wall
28mm Cavity pumped in with mineral wool
10mm Plaster finish

Triple glazing with window frame

Aluminum wing drip mould protects wood against moisture

Aluminum frame drip mould with increased ventilation chamber

Silicone
Window flash
Air-sealing tape

12.5mm FermaCell
Gypsum Fiberboard
30mm EPS
150mm Window heating fermacell
28mm Mineral wool
10mm Existing floor finish
350mm Existing wooden beam

28mm Single glazed unit

28mm Low-E double glazed unit

Aluminum capping

Wooden bracket fill the gap

Steel pin connection

Steel cap connection

Timber frame

Double glazing

Detail of the big farm house
Scale: 1:20
7mm Epoxy floor paint finish
Moisture barrier
30mm EPS
Vapour barrier
Reinforced concrete foundation

Reuse of the sliding door
Double glazing
Copper cover plate
Bitumen water proof membrane
Header brick

Fixation, sealant

Wooden mounting frame

Roof membrane 150mm
Thermal insulation
Moisture barrier
Existing reinforced concrete roof

LED give light to the ceiling

LED towards the wall

Mineral insulation

Bitumen membrane 15mm
cement screed for slope
Vapour barrier
Thermal insulation

Hot air weld

Existing reinforced concrete roof