1. 100/400mm laminated timber sheet column
2. 100/300mm laminated timber sheet beam
3. Triple-walled polycarbonate panel
4. Prefabricated Birch plywood roofing panel, upper layer 9mm, lower layer 15mm and 120mm thermal insulation
5. Heating pipes
6. 18mm thk. structural glass
7. Wooden ceiling
8. 100/150mm laminated timber sheet beam
9. Double glass with low-E coating in steel frame (with operable window)
10. 120 x 230 mm titanium-zinc sheet rainwater gutter
11. 125 x 300x300mm lam. timber 3-hinged arch
12. Floor construction:
   - 160x24 mm sawn timber decking, screed, floor heating, timber raised floor
   - Existing arch roof
   - Existing timber columns
   - 250 x 250mm concrete columns
   - 15mm Birch plywood panel
   - 80 x 80mm purlins
   - 100 x 100mm rafter
   - Steel hinge joint for lam. timber arch
   - 60 x 60 mm counter battens
   - 280 x 280 mm grey ceramic roof tiles
   - Existing shallow brick foundation
   - 460mm Existing brick wall
   - Lighting
   - 100 mm thermal insulation
   - Concrete pile foundation
   - Concrete plinth
   - Steel lam. timber anchor
   - 180 x 230 mm lam. timber
   - 100 x 250 mm lam. timber
   - 100/200mm laminated timber sheet column
   - Prefabricated Birch plywood floor panel, upper layer 9mm, lower layer 15mm and 150mm thermal insulation
1 100/400mm laminated timber sheet column
2 100/300mm laminated timber sheet beam
3 Triple-walled polycarbonate panel
4 Prefabricated Birch plywood roofing panel, upper layer 9mm, lower layer 15mm and 120mm mineral wool
5 heating pipes
6 18mm thick structural glass
7 wooden ceiling
8 100/180mm laminated timber sheet beam
9 Double glass with low-E coating in steel frame (with openable window)
10 120 x 350 mm titanium-zinc sheet rainwater gutter
11 15mm birch plywood panel
12 100 x 100mm faller
13 60 x 60 mm counter battens
14 350 x 230 mm grey ceramic roof tiles
15 450mm Existing brick wall
16 Prefabricated Birch plywood floor panel, upper layer 9mm, lower layer 15mm and 150mm mineral wool
17 Steel hinge connection for lam. timber beam
18 Nedzink roofing
19 double glazing (2 x 8 mm lam safety glass + 10 mm cavity)
20 Aluminium sheet, flexible for polycarbonate panel’s deformation
21 Manufactured timber window frame with thermal glass (openable)
22 190x24 mm sawn timber decking
23 2.5mm steel grating
24 65 x 65 mm timber
2 100/300mm laminated timber sheet beam
4 Prefabricated Birch plywood roofing panel, upper layer 9mm, lower layer 15mm and 120mm thermal insulation
5 heating pipes
7 wooden ceiling
11 125 x 300/800mm lam. timber 3-hinged arch
16 10mm birch plywood panel
17 60 x 80mm purlin
18 100 x 100 mm rafter
21 280 x 280 mm grey ceramic roof tiles
29 180 x 250 mm lam. timber
31 100/200mm laminated timber sheet column
32 Prefabricated Birch plywood floor panel, upper layer 9mm, lower layer 15mm and 135mm thermal insulation
34 Nedzink roofing
35 Wooden batten
37 double glazing (2 x 8 mm lam. safety glass + 10 mm cavity)
40 160x24 mm sawn timber decking
43 50 x 100 mm titanium-zinc sheet rainwater gutter
1 100/400mm laminated timber sheet column
2 100/300mm laminated timber sheet beam
3 Triple-walled polycarbonate panel
4 Prefabricated Birch plywood roofing panel, upper layer 9mm, lower layer 15mm and 120mm thermal insulation
5 heating pipes
6 18mm thk. structural glass
7 wooden ceiling
8 Double glass with low-E coating in steel frame (with openable window)
9 60 x 60 mm counter batten
10 280 x 280 mm grey ceramic roof tile
11 Steel hinge connection for lam. timber beam
12 double glazing (2 x 8 mm lam safety glass + 10 mm cavity)
13 33 lam. timber shelf
14 150 mm thermal insulation and 20 lam. timber sheathing
15 150mm dia. steel column
16 floor construction: 160x24 mm sawn timber decking, screed, floor heating, waterproof membrane, thermal insulation
17 200mm dia. pre-heated fresh air outlet
18 350mm existing brick wall
19 350mm existing brick wall
20 500mm existing brick wall
21 adhesive joint
22 gutter
23 wooden railing
24 33m lam. timber shelf
25 150/400 mm lam. timber beam
26 100mm dia. steel column
27 60 x 60 mm counter batten
28 280 x 280 mm grey ceramic roof tile
29 33 lam. timber shelf
30 150 mm thermal insulation and 20 lam. timber sheathing
31 150mm dia. steel column
32 floor construction: 160x24 mm sawn timber decking, screed, floor heating, waterproof membrane, thermal insulation
33 200mm dia. pre-heated fresh air outlet
34 350mm existing brick wall
35 350mm existing brick wall
36 500mm existing brick wall
37 adhesive joint
38 gutter
39 wooden railing