



THE CITY ABOVE THE CITY PLAN B

St. Helen's Aviva Tower London

- 1 ROOF**
- green roof
 - three-ply bituminous roofing membrane
 - separation layer
 - rigid insulation, laid to fall
 - oriented strand board
 - timber beams with thermal insulation in-between
 - vapor barrier
 - furring strips
 - gypsum board

2 DOUBLE-GLAZED WINDOW in larch frame

- 3 TERRACE**
- larch slats
 - substrate
 - single-ply bituminous rubber membrane
 - rigid insulation, laid to fall
 - waterproofing membrane
 - oriented strand board
 - timber beams with thermal insulation in-between
 - vapor barrier
 - furring strips
 - gypsum board

- 4 FLOOR**
- parquet flooring
 - screed with integrated underfloor heating system
 - vapor retarder
 - impact sound insulation
 - oriented strand board
 - timber beams with thermal insulation in-between
 - vapor barrier
 - furring strips
 - gypsum board

- 5 EXTERIOR WALL**
- larch cladding boards
 - ventilated cavity
 - vapor retarder
 - fiberboard
 - insulated timber panel
 - oriented strand board
 - vapor barrier
 - furring strips
 - gypsum board

