**DETAIL SECTION - SOUTH WEST FACADE**

**[1] ROOF CONSTRUCTION:**
- Sedum vegetation layer with drainage ballast layer for solar panels
- Bituminous membrane
- Insulation with gradient
- 80 mm thermal insulation
- 190 mm precast plate flooring
- Vapour barrier
- 10 mm plasterboard finish

**[2] STOREY FLOOR CONSTRUCTION:**
- 50 mm screed
- 50 mm thermal insulation
- 190 mm precast plate flooring
- 10 mm plasterboard finish

**[3] WALL CONSTRUCTION:**
- 10 mm plasterboard finish
- 100 mm sand-lime brickwork
- 95 mm thermal insulation
- Wind/water proofing membrane
- 35 mm ventilation cavity
- 100 mm clinker face-brickwork

**[4] WINDOW FRAME:**
- DUCO 120 ZR ventilation/shading system
- Fixed wooden window frame
- Triple glazing
- 100 mm wooden frame in front of window frame

**[5] TERRACE FLOOR CONSTRUCTION:**
- 10 mm plasterboard finish
- 190 mm precast plate flooring
- 50 mm thermal insulation
- 50-100 mm thermal insulation with gradient
- Bituminous membrane
- Cedar decking on sub-construction

**[6] BRICK BALUSTRADE CONSTRUCTION:**
- Continuous clinker face-brickwork with steel reinforcement
- ‘Hidden’ recess in masonry for planter

**[7] SOUTERRAIN FLOOR CONSTRUCTION:**
- 50 mm screed
- 245 mm precast reinforced concrete ribbed floor with perimeter insulation

**[8] SOUTERRAIN WALL CONSTRUCTION:**
- New poured sand water resistent concrete in-situ foundation + embankment
- Steel brackets
- Water proofing membrane
- 100 mm clinker face-brickwork

---

**B-B’ horizontal section**

**A-A’ vertical section**

---

Active IJburg - the closed building block revised

**FACADE 1:20 + DETAILS 1:5**

P4 Presentation - 24 may 2013 - Evelien de Bruijn