A LITTLE URBANITY

creating a monastic care environment for people with young dementia

DETAILS

Interiors Building Cities
P5 presentation Leonie Boelens
April 21, 2017

Mentors: Mechthild Stuhlmacher, An Fonteyne, Floris Cornelisse, Jelke Fokkinga

External examiner: Jan Jacob Trip
Architectural language
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**Detail 1 (1:5)**

- Masonry brick
- Brick tie
- Vented airspace 40 mm
- Waterproof membrane
- Thermal insulation 130 mm
- Vapour barrier
- Concrete wall 150 mm
- Plaster

- Screed with underfloor heating 70 mm
- Impact sound insulation 25 mm
- Chapemortel (Flemish) 50 mm
- Hollow core concrete slab 200 mm
- Ventilated crawl space 1500 mm

**Concrete plinth**

**Open head joint weep**

**Detail 2 (1:5)**

- Masonry brick
- Brick tie
- Vented airspace 40 mm
- Waterproof membrane
- Thermal insulation 130 mm
- Vapour barrier
- Concrete wall 150 mm
- Plaster

- Screed with underfloor heating 70 mm
- Impact sound insulation 25 mm
- Chapemortel (Flemish) 50 mm
- Hollow core concrete slab 200 mm
- Ventilated crawl space 1500 mm

**Concrete plinth**

**Open head joint weep**
Aluminium frame with HR +++ glass

Natural stone window sill

Steel beam (hoedligger) 150x250 mm

Screed with underfloor heating 70 mm
Impact sound insulation 25 mm
Chapemortel (Flemish) 50 mm
Wide-slab floor 200 mm
Thermal insulation 100 mm
Wooden suspended ceiling

Concrete floor 50 mm
Space for water drainage
Waterproof membrane
Screed to level with interior
Shock absorber
Prefab balcony 150 mm

Concrete lintel
Air cavity 40 mm
Waterproof membrane
Thermal insulation 130 mm
Vapour barrier
Concrete wall 150 mm
Planter
Cast-in-place gains
Concrete beam 450 x 250 mm
(Finish exposed aggregate)
Concrete column 1000 x 250 mm
(Finish exposed aggregate)

Vegetation layer
Riefa board light weight green roof
Drainage layer
Vapour barrier
Insulation to falls: 16 mm/m
Thermal insulation 200 mm
Prefab balcony 150 mm

Rain gutter with gravel
EPDM roof foil
Thermal insulation 200 mm
Prefab balcony 150 mm

Drain grate
Drainage

Vapour barrier
Insulation to falls: 16 mm/m
Thermal insulation 200 mm
Prefab balcony 150 mm

Detail 5 (1:5)
Detail 6 (1:5)
Ventilation scheme (1:20 on A0, ≈1:57 on A3)