DRAWINGS
Loes Bruins Slot
Interiors Buildings Cities
1. Entrance
2. Reception
3. Counseling rooms
4. Toilets
5. Services
6. Technical room
7. Lift
8. Garden workshop
9. Auditorium
10. Multifunctional room
11. Library
12. Greenhouse
13. Kitchen / bar
14. Cafe
15. Lounge (common living room)
16. Foyer
17. Storage
18. Technical room
19. Toilets
20. Room with private bathroom
21. Shared kitchen
22. Rentable space (shop)
1. Office
2. Apartment staff
3. Library
4. Dining room
5. Kitchen (supporting dining room)
6. Storage
7. Room with private bathroom
8. Shared kitchen
Second floor

1. Laundry
2. Storage room
3. Room with private bathroom
4. Shared kitchen
Section forest garden
Section Courtyard
Section
Street elevation
Elevaton greenhouse
Facade fragment
### Floor construction

<table>
<thead>
<tr>
<th>Material</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish Marmoleum</td>
<td>10 mm</td>
</tr>
<tr>
<td>Fill mass</td>
<td>4 mm</td>
</tr>
<tr>
<td>Fermacell studded plate with heating pipes</td>
<td>20 mm</td>
</tr>
<tr>
<td>Impact sound insulation</td>
<td>70 mm</td>
</tr>
<tr>
<td>Timber sheathing</td>
<td>21 mm</td>
</tr>
<tr>
<td>Battens fixed</td>
<td>50 x 50 mm</td>
</tr>
<tr>
<td>Dry sand</td>
<td>50 mm</td>
</tr>
<tr>
<td>Sheet to prevent loss of sand</td>
<td>21 mm</td>
</tr>
<tr>
<td>Timber sheathing</td>
<td>21 mm</td>
</tr>
<tr>
<td>Homatherm insulation</td>
<td>150 mm</td>
</tr>
<tr>
<td>Flooring-grade boards</td>
<td>21 mm</td>
</tr>
</tbody>
</table>

### Wall construction

<table>
<thead>
<tr>
<th>Material</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber finish elements</td>
<td>20 mm</td>
</tr>
<tr>
<td>Ventilated cavity (airtight membrane)</td>
<td>40 mm</td>
</tr>
<tr>
<td>Bitumen-Impregnated wood fibre</td>
<td>60 mm</td>
</tr>
<tr>
<td>Timber studding, insulation (Flexible woodfibre insulation board)</td>
<td>235 mm</td>
</tr>
<tr>
<td>Wood-based board, OSB (vapour check)</td>
<td>18 mm</td>
</tr>
<tr>
<td>Battens (space for services)</td>
<td>40 mm</td>
</tr>
<tr>
<td>Inner lining with clay plaster</td>
<td>18 mm</td>
</tr>
</tbody>
</table>
Floor construction

Finish Marmoleum 10 mm
Fill mass 4 mm
Ferma studded plate with heating pipes 20 mm
Impact sound insulation 70 mm
Timber sheathing 21 mm
Battens fixed 50 x 50 mm
Dry sand 50 mm
Sheet to prevent loss of sand 50 mm
Timber sheathing 21 mm

Wall construction

Timber finish elements 20 mm
Ventilated cavity 40 mm
(Airtight membrane)
Bitumen-Impregnated wood fibre 60 mm
Timber studding, insulation (Flexible woodfibre insulation board) 235 mm
Wood-based board, OSB (vapour check) 18 mm
Battens (space for services) 40 mm
Inner lining with clay plaster 18 mm
Roof construction
- Substrate for sedum planting
- Drainage protection mat
- Calendered polymeric roofing
- Underlayment
- Thermal insulation
- Vapour barrier
- Roof beams
- Thermal insulation
- Timber sheathing

Wall construction
- Clay masonry
- Ventilated cavity
- Watertight membrane
- Thermal insulation
- Clay masonry
- Plaster
Roof construction
Substrate for sedum planting
Drainage protection mat
Calendered polymeric roofing
Timber sheathing
Roof beams

Beam 3x 60x400 mm
Column 4x 75x75 mm
Detail roof edge
Roof construction
- Substrate for sedum planting
- Drainage protection mat
- Calendered polymeric roofing
- Underlayment
- Thermal insulation
- Vapour barrier
- Roof beams
- Thermal insulation
- Timber sheathing

Wall construction
- Brick wall

Detail old and new
Forest garden

A. Bear’s garlic
   Sweetscented bedstraw
   Common sorrel

B. Musk mallow
   Black thorn
   Hop
   Common comfrey
   Sweetscented bedstraw

C. Chicory
   Cranberry
   Sweet violet
   Sweetscented bedstraw

D. Chicory
   Tuberous pea
   Winter aconite

1. Elm
2. Medlar
3. Wild Apple
4. Wild Cherry
5. Wild service tree
6. Red Raspberry
7. Gooseberry
8. Blackthorn
A. Sweet violet
   Chicory
   Chamomille
   Bergamot

B. Honeysuckle
   Scarlet Runner Beans

C. Lilac
   Chrysant
   Lavender

D. Honeysuckle
   Scarlet Runner Beans

E. Watermint
   Marsh marigold
   Yellow Flag
   Shining pondweed

F. Ramanas Rose
   Chicory
   Hop

G. Red raspberry
   Gooseberry
   Common Comfrey

H. Mowed lawn

1. Chesnut (existing)
2. Sweet Chesnut
Memorial garden

A. Wild strawberry
   Yellow Archangel
   Periwinkle

B. Broad leaved thyme
   Ground-ivy

C. Ivy

1. Elm
Flower garden
A. Tomato
Pumkins
Sunflowers
Borage

B. Celery
Spinach
Pea
Strawberry
Lettuce

C. Raspberry

D. Parsnip
Beetroot
Courgette
Carrot
Endive
Cucumber
Rhubarb
Kale
Cabbage

E. Blackberry
Red currant
Black currant
Street view
Entrance
Room
unfolded elevations
Bathroom
unfolded elevations
Kitchen
unfolded elevation
Staircase
unfolded elevation
Lounge (common living room)
unfolded elevations
Bathroom
Lounge (common living room)