THE FOOD ZONE OF HEMBRUG.

CREATING AN INNOVATION CENTRE FOR THE FUTURE OF FOOD.
FUNCTIONALITY

ORDER

CONTRAST

SUSTAINABILITY
Laboratories

Market

Study spaces

Restaurant

Kitchen

“inner street”

Experimental gardens

Offices
WALK ALONG THE STREET

TOUR INSIDE THE ENSEMBLE
WALK AROUND

TOUR AROUND THE ENSEMBLE
NEW FLOOR
- TIMBER CLADDING
- TIMBER CONSTRUCTION
- CAST FLOORING
- FLOOR HEATING
- INSULATION
- CONCRETE FLOOR

WINDOWS
- DOUBLE GLAZING
- ALUMINIUM FRAME
- MOUNTING FRAME
- SILL

1:5
CONNECTION OLD & NEW

BITUMEN ROOFING

WATERPROOF LAYER

100 MM INSULATION

VAPOR BARRIER

150 MM CONCRETE ROOF

HEA 120
<table>
<thead>
<tr>
<th>Thickness</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 mm</td>
<td>MOSS SEDUM ROOFING</td>
</tr>
<tr>
<td>25 mm</td>
<td>SUBSTRATE LAYER</td>
</tr>
<tr>
<td>100 mm</td>
<td>DRAINAGE PLATE</td>
</tr>
<tr>
<td>20 mm</td>
<td>WATERPROOF LAYER</td>
</tr>
<tr>
<td>120x60 mm</td>
<td>INSULATION</td>
</tr>
<tr>
<td>20 mm</td>
<td>VAPOUR BARRIER</td>
</tr>
<tr>
<td>120x60 mm</td>
<td>TIMBER PANEL</td>
</tr>
<tr>
<td>120x60 mm</td>
<td>TIMBER BEAM</td>
</tr>
<tr>
<td>120x60 mm</td>
<td>REUSED TRUSS</td>
</tr>
</tbody>
</table>
GUTTER
- BITUMEN ROOFING
- WATERPROOF LAYER
- 100 MM INSULATION
- 20 MM VAPOR BARRIER
- 20 MM TIMBER PANEL
- HE 120
- IN BETWEEN PART
- REUSED TRUSS
- IPE 330 (REUSED)

ROOF
- MOSS SEDUM ROOFING
- 40 MM SUBSTRATE LAYER
- 25 MM DRAINAGE PLATE
- 100 MM WATERPROOF LAYER
- 100 MM INSULATION
- 20 MM VAPOR BARRIER
- 20 MM TIMBER PANEL
- 120X60 MM TIMBER BEAM
- REUSED TRUSS
FACADE
HEA 240
STUCCO
TIMBER PANEL
VAPOR BARRIER
100 MM INSULATION
TIMBER PANEL
WATERPROOF LAYER
FRAMEWORK
25 MM FIBERGLASS CONCRETE PANEL
WINDOW
100 MM
INSULATION
TIMBER FRAMEWORK
70 MM
STEEL FRAME
DOUBLE GLAZING
GROUND FLOOR
DOUBLE GLAZING
70 MM STEEL FRAME
100 MM TIMBER FRAME
500 MM INSULATION
500 MM CONCRETE WALL
CONNECTION OLD & NEW
HEA 120
HEA 120
110 MM MASONRY
100 MM INSULATION
110 MM MASONRY
STUCCO

1:5
CONNECTION OLD & NEW
HEA 240 COLUMN
HEA 120
HEA 120
110 MM
MASONRY
CLIMATE

HOW TO MAKE A SUSTAINABLE BUILDING
MODEL

CONNECTION OLD & NEW